MASTER

EPRI-NP--1410 Vol. 2 App. A and B

DE82 900261

Reactor-Core-Physics Design and Operating Data for Cycles 1 and 2 of Three Mile Island Unit 1 PWR Power Plant
Volume 2: Appendixes A and B

NP-1410, Volume 2
Appendixes A and B
Research Project 519-4

Final Report, August 1980

Prepared by

BABCOCK & WILCOX
Power Generation Group
Nuclear Power Generation Division
P.O. Box 1260
Lynchburg, Virginia 24505

Prepared for

Electric Power Research Institute
3412 Hillview Avenue
Palo Alto, California 94304

EPRI Project Manager
R. N. Whitpeel

Fuels, Waste and Environment Program
Nuclear Power Division

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APPENDIX A

Operating Data, Cycle 1

Table A-1. Operating Data, Cycle 1

Case	Core burnup, MWd/mtU	Core power, MWt	Core boron conc, ppmB
1	655.0	2513.1	1101.0
2	986.0	2559.5	1095.0
3	1756.0	2506.5	1083.0
4	2001.0	2516.2	1083.0
5	2248.0	2538.7	1073.0
6	2520.3	2500.3	1069.0
7	2763.0	2481.4	1057.0
8	3223.0	2500.8	1039.0
9	3409.0	2526.1	1008.0
10	3652.0	2495.0	1001.0
11	3836.0	2518.2	997.0
12	4055.0	2515.1	983.0
13	5082.0	2540.9	910.0
14	5296.0	2521.4	896.0
15	5727.0	2495.3	888.0
16	5939.0	2532.0	858.0
17	6154.0	2515.7	824.0
18	6549.0	2509.9	801.0
19	6759.0	2523.7	785.0
20	6968.0	2534.7	753.0
21	7199.0	2526.2	743.0
22	7711.0	2528.2	706.0
23	8459.0	2540.2	633.0
24	9133.0	2511.1	576.0
25	9326.0	2539.9	548.0
26	10187.0	2512.3	462.0
27	10400.0	2524.5	456.0
28	10600.0	2495.6	440.0
29	10814.0	2515.1	408.0
30	11808.0	2538.5	310.0
31	12850.0	2505.2	227.0
32	13745.0	2529.0	258.0

CASE 1

TMI-1 CY-1

YEAR 74 MONTH 08 DAY 09 HOUR 05 MINUTE 34 REF EST *

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2513.1	655.00	1101.8

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.865	CORE OUTLET	2179.5	LOOP A INLET TEMP(1)	556.43
RC FLOW LOOP B	69.469	SECONDARY LOOP A	893.70	LOOP A INLET TEMP(2)	554.93
RC TOTAL FLOW	139.72	SECONDARY LOOP B	893.70	LOOP B INLET TEMP(1)	555.54
FEEDWATER FLOW LOOP A	5.2888			LOOP B INLET TEMP(2)	555.45
FEEDWATER FLOW LOOP B	5.4085			FEEDWATER (LOOP A)	461.09
LETDOWN FLOW	.51588E-01			FEEDWATER (LOOP B)	461.09
				REACTOR OUTLET (LOOP A)	601.06
				REACTOR OUTLET (LOOP B)	600.84
				STEAM TEMP (LOOP A)	591.15
				STEAM TEMP (LOOP B)	591.56

#00W

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						19.68%		99.79%		19.79%					
C					100.00%		101.00%		98.80%		101.00%				
D				99.79%		10.00%		92.38%		7.09%		99.98%			
E			99.00%		93.28%		98.70%		98.70%		92.38%		99.00%		
F		19.68%		6.66%		99.00%		99.01%		99.71%		13.22%		19.63%	
G			99.72%		99.78%		99.78%		101.00%		98.78%		98.78%		
H		99.00%		92.38%		99.48%		19.78%		99.88%		92.28%		99.88%	
K			99.48%		99.78%		99.76		101.00%		98.60%		99.78%		
L		19.68%		5.85%		99.48%		99.78%		99.78%		5.78%		19.6[illegible]	
M			101.00%		91.30%		98.90%		99.9[illegible]%		92.30%		99.78%		
N				99.48%		5.73%		93.38%		7.92%		99.78%			
O					99.78%		99.68%		99.58%		99.78%				
P						19.98%		85.18%		19.60%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPND-UNC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							452.20*	549.60*							
							583.90*	750.20*							
							527.50*	756.60*							
							534.50*	769.40*							
							571.40*	784.50*							
							489.30*	539.40*							
							157.80*	188.60*							
C						464.80*		475.20*	441.60*				193.20*		
						444.60*		747.60*	527.30*				272.60*		
						490.60*		776.40*	521.20*				282.70*		
						599.50*		807.40*	815.90*				315.40*		
						576.80*		846.20*	574.40*				298.10*		
						453.60*		646.20*	445.60*				242.30*		
						187.90*		312.50*	179.20*				96.30*		
D					405.50*					462.10*				179.70*	
					491.70*					3[illegible]7.60*				234.40*	
					573.30*					[illegible]70.20*				245.50*	
					724.40*					916.30*				269.20*	
					714.10*					847.[illegible]*				254.60*	
					545.10*					717.40*				163.20*	
					246.40*					237.70*				48.60*	
E				401.40*			592.00*		530.80*		519.60*				
				503.90*			817.7[illegible]*		815.6[illegible]*		663.4[illegible]*				
				679.40*			913.50*		925.40*		772.4[illegible]*				
				757.40*			1024.90*		1047.20*		923.10*				
				725.40*			960.40*		935.40*		931.3[illegible]*				
				545.20*			728.70*		772.00*		735.70*				
				272.20*			307.20*		343.50*		247.60*				
F			415.70*				518.40*	637.90*				337.50*	456.60*		
			538.50*				744.5[illegible]*	923.30*				417.4[illegible]*	517.30*		
			547.40*				915.40*	1006.40*				427.40*	494.40*		
			833.90*				951.20*	1014.90*				940.00*	503.50*		
			533.20*				826.60*	941.90*				3[illegible]4.2[illegible]*	4[illegible]5.3[illegible]*		
			401.7[illegible]*				633.40*	706.30*				3[illegible].80*	445.50*		
			213.20*				311.30*	310.20*				327.20*	276.60*		
G		459.10*			564.10*	496.10*			645.[illegible]*		[illegible].70*		[illegible].70*		
		601.20*			834.10*	712.5[illegible]*			831.2[illegible]*		5[illegible].6[illegible]*		7[illegible]*		
		593.50*			954.00*	754.40*			913.50*		947.70*		711.40*		
		407.80*			*1049.50*	954.70*			*1014.4[illegible]*		*1[illegible]7.5[illegible]*		5[illegible].30*		
		556.60*			959.00*	783.4[illegible]*			9[illegible].40*		8[illegible].70*		7[illegible]*		
		399.7[illegible]*			524.60*	547.30*			7[illegible].30*		5[illegible].10*		[illegible].60*		
		216.90*			345.50*	344.[illegible]*			366.20*		[illegible]		197.20*		
H	349.40*				442.60*			480.00*	544.70*				506.30*		
	437.90*				619.70*			778.3[illegible]*	7[illegible]2.[illegible]*				7[illegible]*		
	484.80*				519.90*			524.80*	752.60*				7[illegible]*		
	483.80*				895.70*			534.00*	746.70*				802.10*		
	443.60*				738.40*			470.70*	797.60*				711.10*		
	312.20*				475.10*			392.80*	592.80*				574.60*		
	80.90*				249.40*			168.80*	246.60*				275.40*		
I					946.70*						5[illegible].40*	449.40*			
					826.00*						8[illegible].5[illegible]*	831.3[illegible]*			
					963.90*						47[illegible].10*	783.60*			
					1056.90						*1063.40*	817.70*			
					1017.80						*1003.60*	792.6[illegible]*			
					856.90*						870.30*	612.30*			
					406.20*						411.60*	254.10*			

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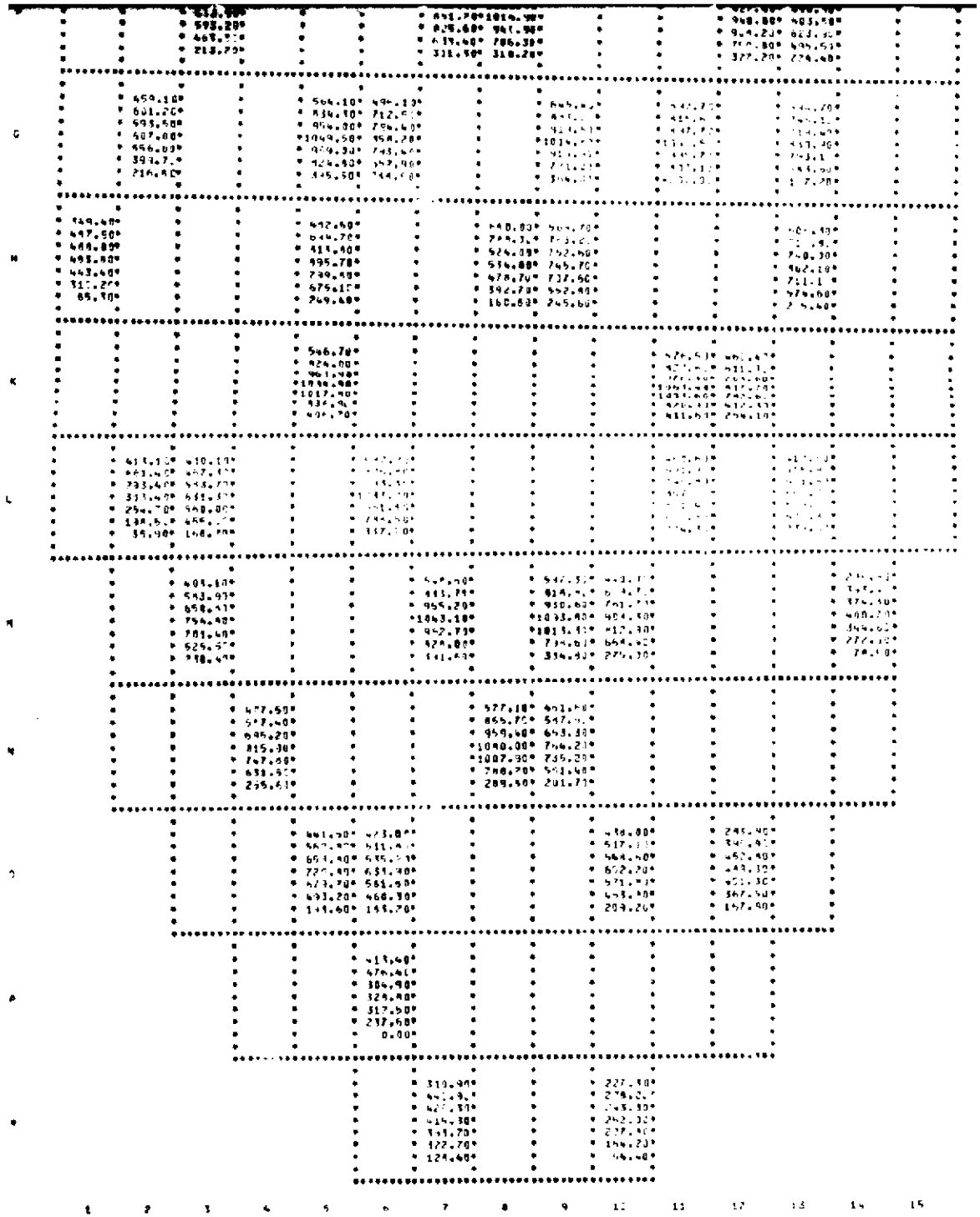

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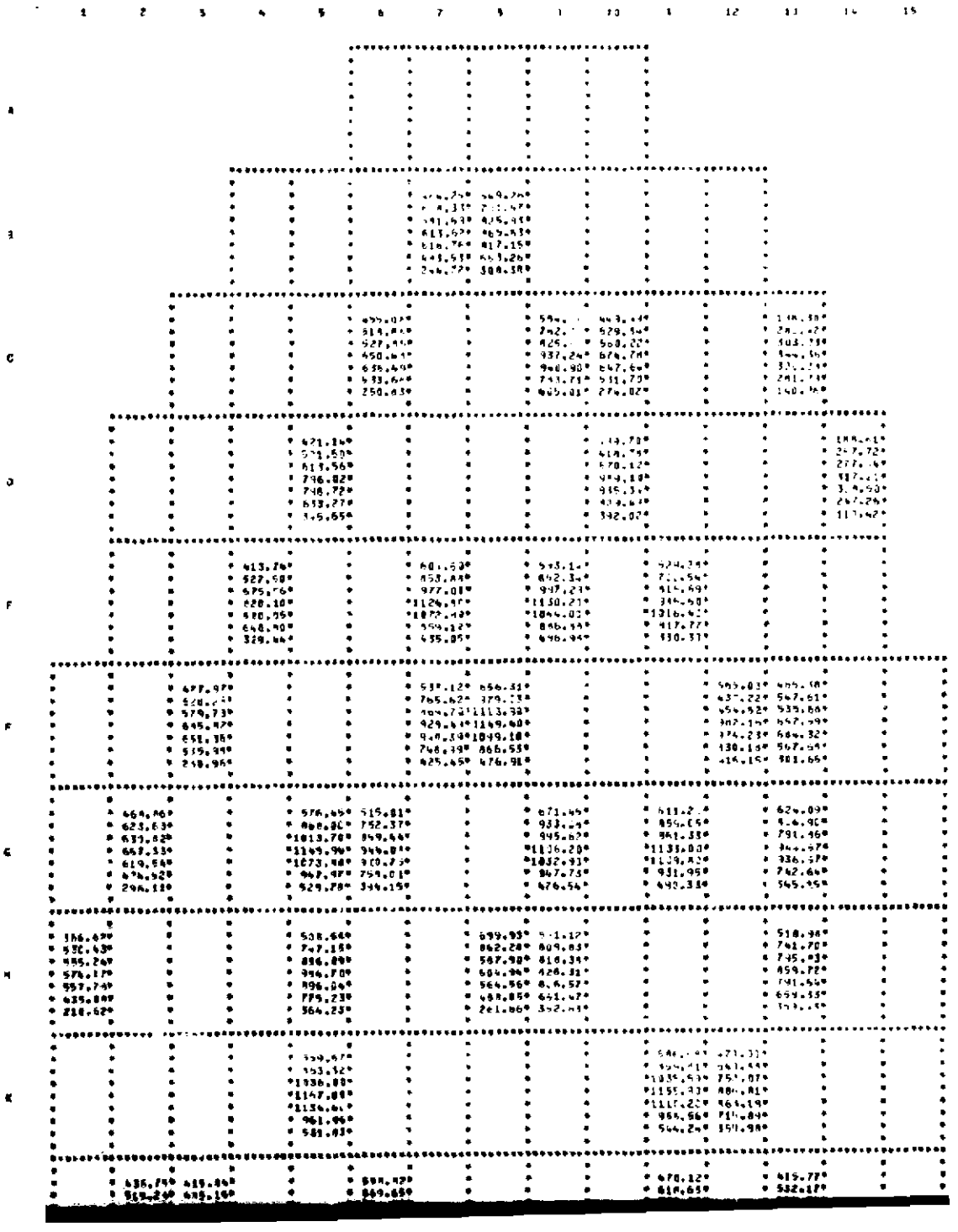
SCALE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							96.50*	119.24*							
C						79.[illegible]*			49.3[illegible]*	46.[illegible]*			44.95*		
D					56.73*					47.59*				48.29*	
E				91.80*			124.99*		115.99*		78.10*				
F			51.99*				118.39*	192.19*				44.60*	78.70*		
G		75.30*			129.34*	93.88*			102.73*		120.79*		135.44*		
H	119.69*				133.49*			87.15*	48.1[illegible]				86.1[illegible]*		
K					121.29*						117.41*	102.53*			
L		111.09*	53.[illegible]*			181.29*					107.8[illegible]*		76.95*		
M			45.68*				128.93*		102.39*	92.4[illegible]*				93.1[illegible]*	
N				83.65*				187.49*	149.89*						
O					144.14*	96.55*				41.10*		72.55*			
P						61.85*									
R							62.28*			54.43*					

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



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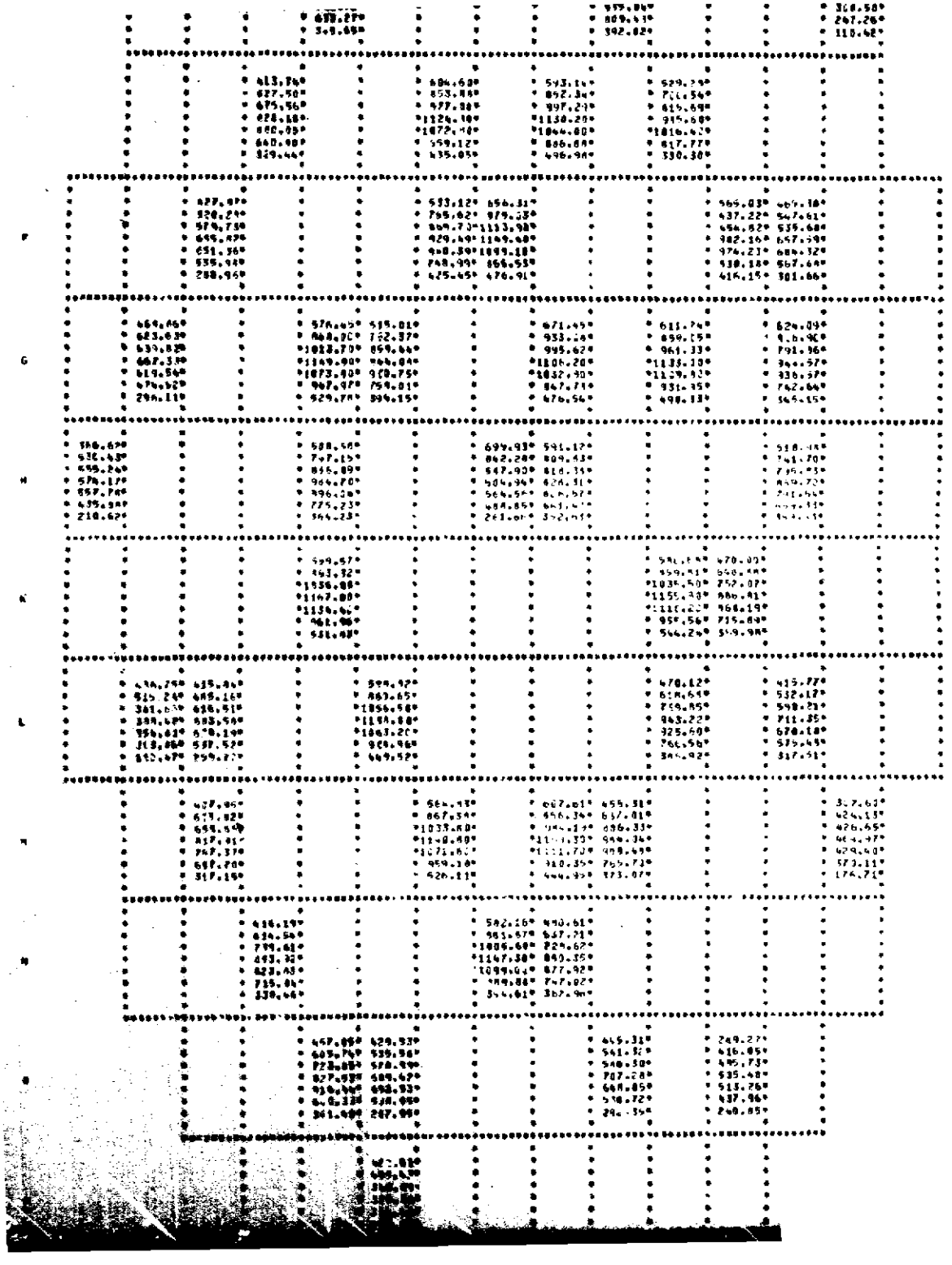

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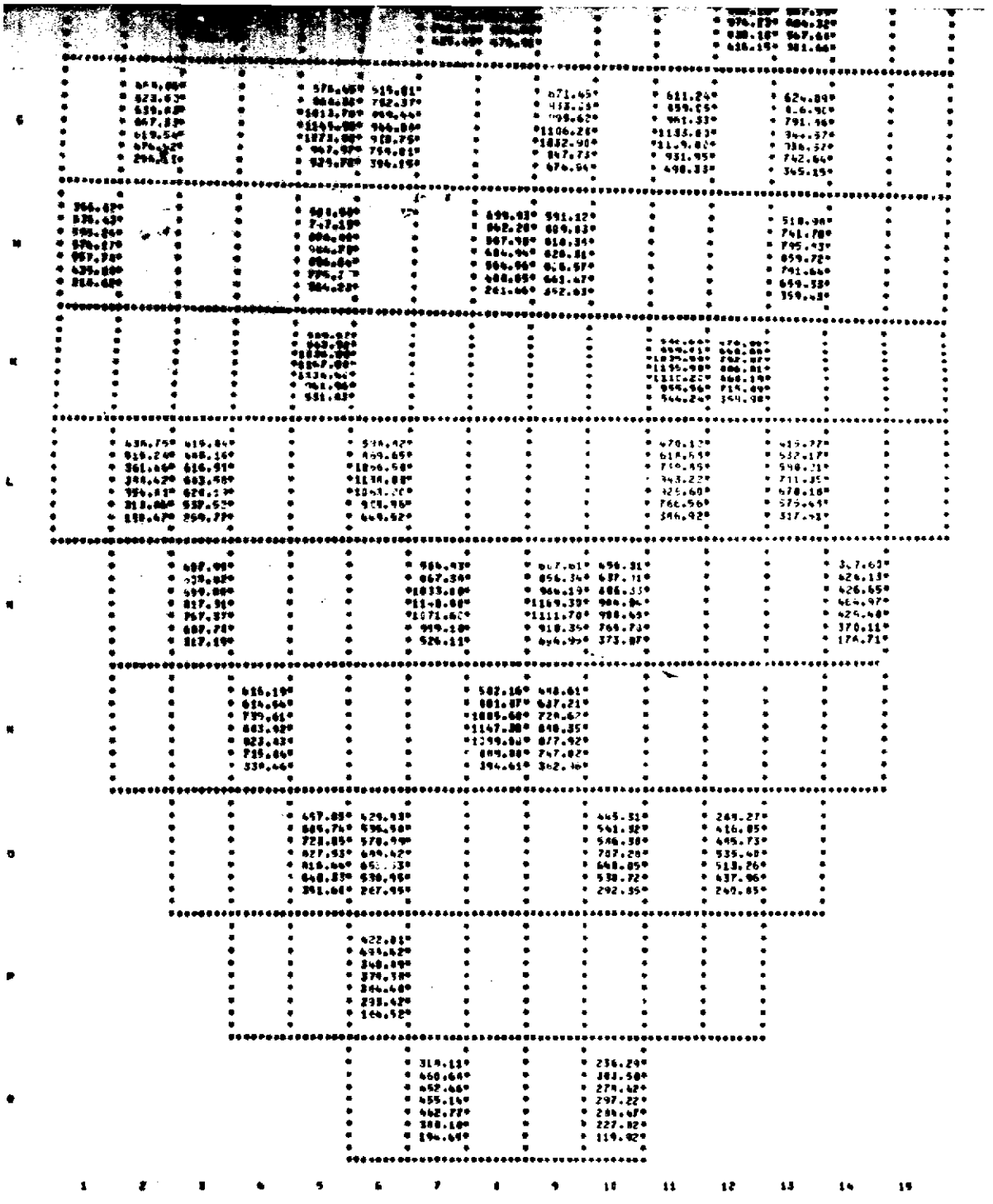

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CASE 2

TMI-1 CY-1

YEAR 74 MONTH 09 DAY 05 HOUR 16 MINUTE 12 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2999.5	906.00	1095.0

COOLANT FLOWS (LB/HR * E-06)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.283	CORE OUTLET	2170.0	LOOP A INLET TEMP(1)	555.93
RC FLOW LOOP B	69.276	SECONDARY LOOP A	892.30	LOOP A INLET TEMP(2)	554.45
RC TOTAL FLOW	139.53	SECONDARY LOOP B	892.30	LOOP B INLET TEMP(1)	555.09
FEEDWATER FLOW LOOP A	5.3276			LOOP B INLET TEMP(2)	55[illegible].26
FEEDWATER FLOW LOOP B	5.4884			FEEDWATER (LOOP A)	463.09
LETDOWN FLOW	.34974E-01			FEEDWATER (LOOP B)	463.09
				REACTOR OUTLET (LOOP A)	608.81
				REACTOR OUTLET (LOOP B)	608.50
				STEAM TEMP (LOOP A)	590.08
				STEAM TEMP (LOOP B)	591.28

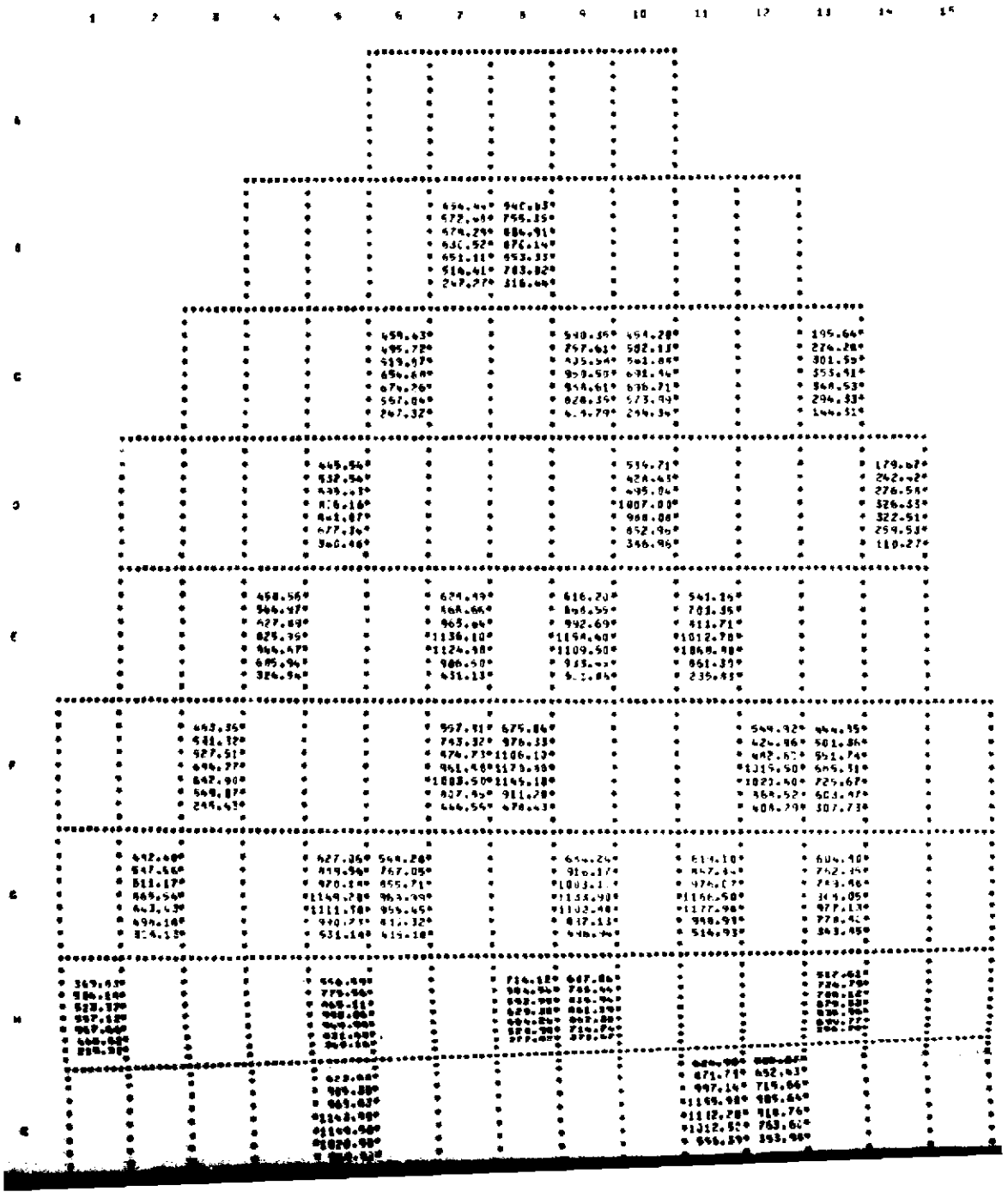
POOL

-X-

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						14.50*		99.70*		14.50*					
C					100.00*		98.0*		98.0*		101.00*				
D				99.70*		11.10*		99.10*		11.10*		99.90*			
E			99.70*		98.10*		99.70*		96.70*		99.80*		99.70*		
F		14.50*		14.90*		99.70*		99.80*		99.70*		11.10*		14.40*	
G			99.60*		99.70*		99.70*		99.80*		101.80*		99.70*		
H		99.80*		98.20*		99.80*		14.50*		99.80*		89.80*		99.70*	
I			100.00*		99.70*		99.70*		101.00*		99.70*		99.70*		
L		14.40*		14.30*		99.90*		99.70*		99.70*		11.00*		15.40*	
M			99.60*		98.30*		99.70*		99.90*		98.10*		99.70*		
N				99.60*		12.90*		99.80*		12.20*		98.60*			
O					99.70*		98.0*		99.0*		99.70*				
P						14.70*		99.70*		14.40*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

CPNCBC



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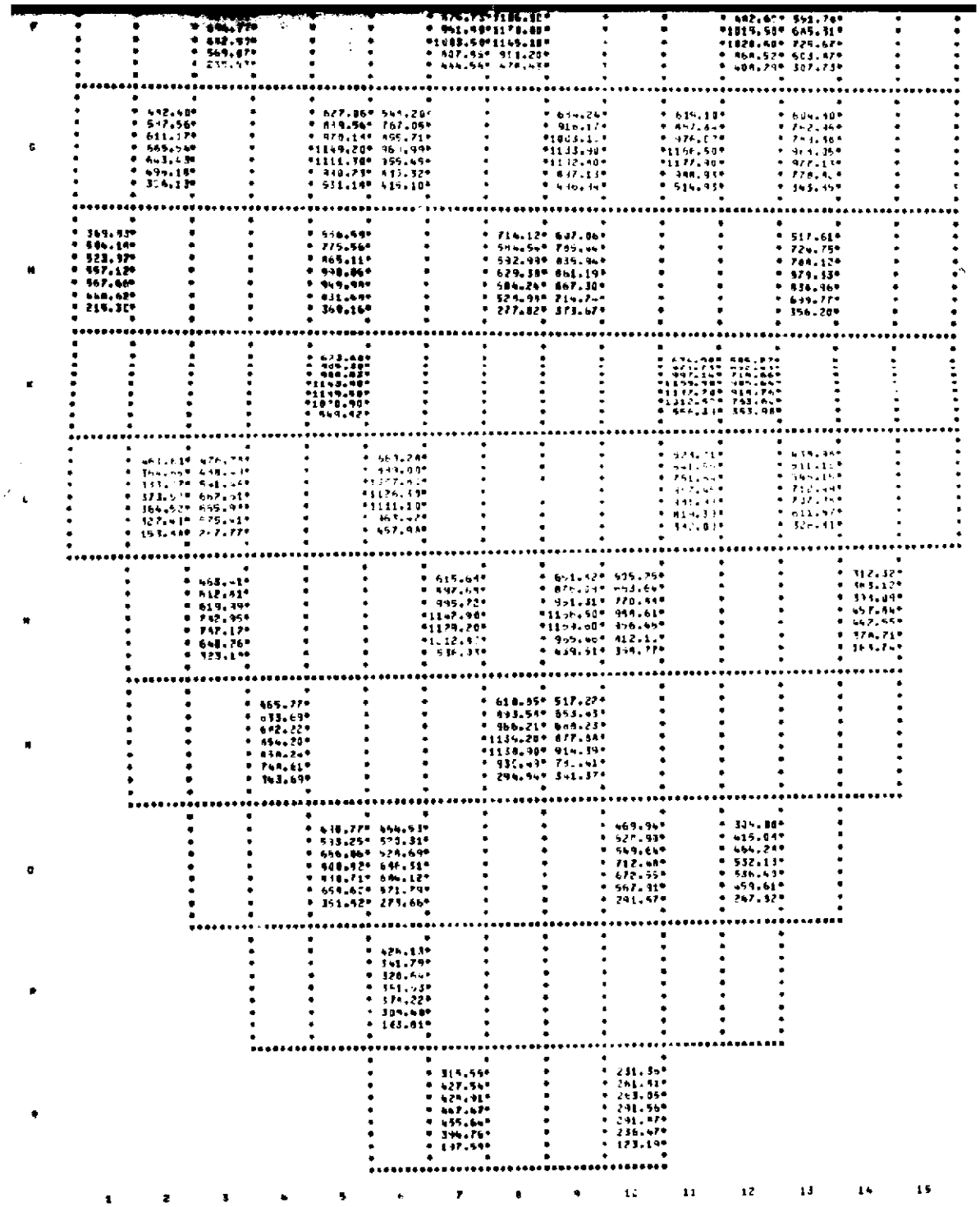

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CASE 3

TMI-1 CY-1

YEAR 74 MONTH 10 DAY 01 HOUR 13 MINUTE 58 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2586.5	1756.8	1883.0

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.799	CORE OUTLET	2188.8	LOOP A INLET TEMP(1)	556.29
RC FLOW LOOP B	69.415	SECONDARY LOOP A	893.40	LOOP A INLET TEMP(2)	554.71
RC TOTAL FLOW	138.82	SECONDARY LOOP B	893.40	LOOP B INLET TEMP(1)	555.71
FEEDWATER FLOW LOOP A	5.2596			LOOP B INLET TEMP(2)	555.56
FEEDWATER FLOW LOOP B	5.3996			FEEDWATER (LOOP A)	462.48
LETDOWN FLOW	.33681E-01			FEEDWATER (LOOP B)	462.40
				REACTOR OUTLET (LOOP A)	608.84
				REACTOR OUTLET (LOOP B)	608.59
				STEAM TEMP (LOOP A)	590.87
				STEAM TEMP (LOOP B)	591.56

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.48*		99.78*		15.50*					
C					100.00*		99.40*		98.40*		101.01*				
D			99.70*		15.30*		98.22*			15.40*		99.90*			
E			99.78*		98.90*		99.71*		98.70*		98.80*		99.70*		
F		16.58*		16.10*		99.78*		99.48*		99.80*		15.38*		15.38*	
G			99.60*		98.70*		101.00*		99.80*		101.00*		98.70*		
H		99.85*		98.18*		99.82*		15.64*		99.73*		99.[illegible]*		99.82*	
I			99.57*		99.70*		101.03*		101.00*		99.70*		99.70*		
L		16.48*		98.68*		99.88*		99.78*		99.70*		15.38*		16.38*	
M			101.08*		68.18*		99.70*		99.90*		99.00*		99.70*		
N				99.83*		15.32*		99.64*		16.52*		98.62*			
O					99.70*		99.00*		99.90*		99.70*				
P						14.68*		99.78*		14.78*					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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CPNCBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							474.92*	594.76*							
							594.14*	784.54*							
							574.27*	778.67*							
							619.72*	822.51*							
							633.13*	826.67*							
							510.49*	694.06*							
							246.97*	328.72*							
C						497.14*			618.16*	447.63*			218.78*		
						546.74*			781.72*	545.49*			391.71*		
						516.08*			775.47*	543.13*			304.94*		
						611.54*			908.27*	677.59*			390.31*		
						674.65*			953.94*	6 3.83*			351.11*		
						575.48*			815.61*	675.96*			294.72*		
						246.46*			428.43*	244.72*			149.97*		
D				495.16*						589.73*				198.94*	
				546.22*						692.44*				256.10*	
				547.98*						669.14*				275.77*	
				769.49*						942.68*				328.37*	
				623.54*						952.97*				319.37*	
				641.37*						837.13*				258.40*	
				391.67*						395.31*				109.88*	
E				499.49*			662.12*		553.02*		589.43*				
				628.62*			901.67*		985.94*		750.41*				
				619.99*			932.71*		966.86*		775.86*				
				795.92*			*1052.48*		*1038.90*		943.36*				
				459.72*			*1041.68*		*1046.24*		*1015.68*				
				805.73*			956.13*		91.,36*		819.67*				
				333.77*			623.15*		589.10*		242.65*				
F			492.6**				547.38*	694.91*				537.71*	475.06*		
			539.53*				817.48*	989.45*				482.17*	538.94*		
			517.23*				863.28*	*1073.18*				448.78*	943.64*		
			657.65*				920.25*	*1119.38*				943.21*	656.24*		
			648.33*				987.09*	*1041.78*				972.84*	711.57*		
			566.15*				908.68*	879.24*				840.18*	604.74*		
			787.99*				457.16*	463.64*				402.99*	314.45*		
G		588.37*			658.96*	576.58*			704.56*		657.05*		634.34*		
		549.24*			922.74*	791.95*			922.61*		849.97*		783.16*		
		689.72*			935.78*	944.89*			972.37*		937.95*		756.27*		
		657.67*			*1056.55*	960.46*			*1073.90*		*1099.50*		918.28*		
		636.45*			*1041.90*	923.57*			*1060.60*		*1127.9**		933.45*		
		497.24*			948.45*	906.21*			866.50*		961.76*		762.30*		
		313.65*			523.96*	429.58*			545.59*		502.72*		346.15*		
H	372.11*				549.87*			723.48*	629.94*				344.87*		
	495.79*				811.31*			978.22*	8 3.26*				749.34*		
	594.84*				859.99*			993.42*	941.17*				776.29*		
	526.74*				944.83*			410.49*	943.87*				845.44*		
	534.12*				918.94*			899.24*	935.30*				818.44*		
	438.19*				817.98*			929.84*	712.15*				497.91*		
	211.47*				360.98*			893.10*	383.44*				371.44*		
K					949.39*						981.94*	941.19*			
					948.32*						809.58*	781.24*			
					947.24*						959.12*	781.29*			
					1069.98						*1086.68*	871.78*			
					1141.80						*1185.80*	890.54*			
					1081.28						998.43*	790.75*			
											576.33*	553.58*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			857.09*				929.25*	1110.30*				946.78*	943.68*		
			868.33*				982.09*	1081.20*				963.21*	859.26*		
			966.15*				980.60*	879.24*				972.84*	711.57*		
			747.99*				457.16*	463.64*				840.13*	604.74*		
												402.99*	314.45*		
G		588.37*			658.96*	976.58*			704.56*		657.04*		534.34*		
		549.24*			922.79*	791.95*			922.63*		859.97*		743.16*		
		689.72*			915.78*	844.39*			972.37*		937.95*		756.22*		
		657.67*			1096.38*	948.46*			1073.02*		1099.50*		818.72*		
		654.45*			1041.90*	923.57*			1080.60*		1127.37*		937.45*		
		497.29*			940.45*	806.21*			964.50*		861.76*		767.18*		
		313.64*			523.96*	429.58*			505.54*		602.72*		345.15*		
H	372.11*				549.07*		723.40*	623.95*				544.07*			
	495.75*				811.31*		878.22*	813.26*				769.36*			
	584.14*				855.55*		593.42*	841.17*				776.29*			
	524.76*				946.83*		818.49*	843.87*				846.46*			
	539.32*				918.54*		549.21*	835.39*				814.86*			
	432.15*				817.93*		529.89*	712.14*				697.91*			
	211.47*				355.92*		283.18*	363.68*				371.64*			
K					648.80*						485.54*	941.14*			
					948.82*						494.58*	781.24*			
					947.24*						955.12*	781.24*			
					1069.98*						1168.68*	871.78*			
					1141.88*						1189.88*	848.54*			
					1081.78*						998.65*	748.75*			
					568.54*						574.35*	363.98*			
L		672.64*	510.43*			693.26*					563.91*		464.22*		
		369.84*	544.24*			414.52*					693.01*		543.40*		
		332.69*	546.95*			476.45*					734.95*		537.54*		
		359.73*	629.18*			1057.50*					914.52*		645.34*		
		356.17*	650.48*			1354.60*					854.31*		648.14*		
		324.22*	591.23*			931.45*					415.62*		613.77*		
		153.01*	269.43*			458.68*					388.10*		342.77*		
M			492.34*				657.03*		685.32*	547.02*				326.68*	
			658.41*				945.45*		910.32*	714.41*				391.37*	
			618.39*				922.23*		921.33*	756.74*				369.53*	
			738.91*				1045.78*		1049.60*	939.18*				441.12*	
			765.21*				1185.88*		1102.88*	923.27*				430.36*	
			674.90*				934.94*		947.25*	482.30*				371.86*	
			328.45*				546.77*		439.69*	359.28*				141.21*	
N				508.21*			650.07*	551.41*							
				602.36*			924.45*	706.19*							
				676.55*			938.29*	672.65*							
				811.42*			1073.70*	841.65*							
				841.27*			1040.78*	859.15*							
				734.28*			983.68*	765.64*							
				348.42*			381.23*	336.02*							
O					819.10*	500.22*				5.1.37*		324.66*			
					828.98*	566.62*				562.18*		445.67*			
					648.93*	523.28*				547.86*		465.64*			
					760.48*	665.99*				693.24*		532.01*			
					798.63*	677.58*				866.78*		535.73*			
					636.56*	573.37*				574.117		486.47*			
					342.18*	278.15*				234.21*		259.21*			
P						432.29*									
						339.64*									
						318.16*									
						349.09*									
						376.09*									
						314.88*									
						168.64*									
Q							321.54*			238.72*					
							422.96*			261.67*					
							417.23*			268.63*					
							428.56*			283.64*					
							444.15*			247.19*					
							398.12*			235.34*					
							198.97*			124.55*					

CASE 4

TMI-1 CY-1

YEAR 74 MONTH 10 DAY 09 HOUR 11 MINUTE 55 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPM)
2516.2	2981.0	1083.0

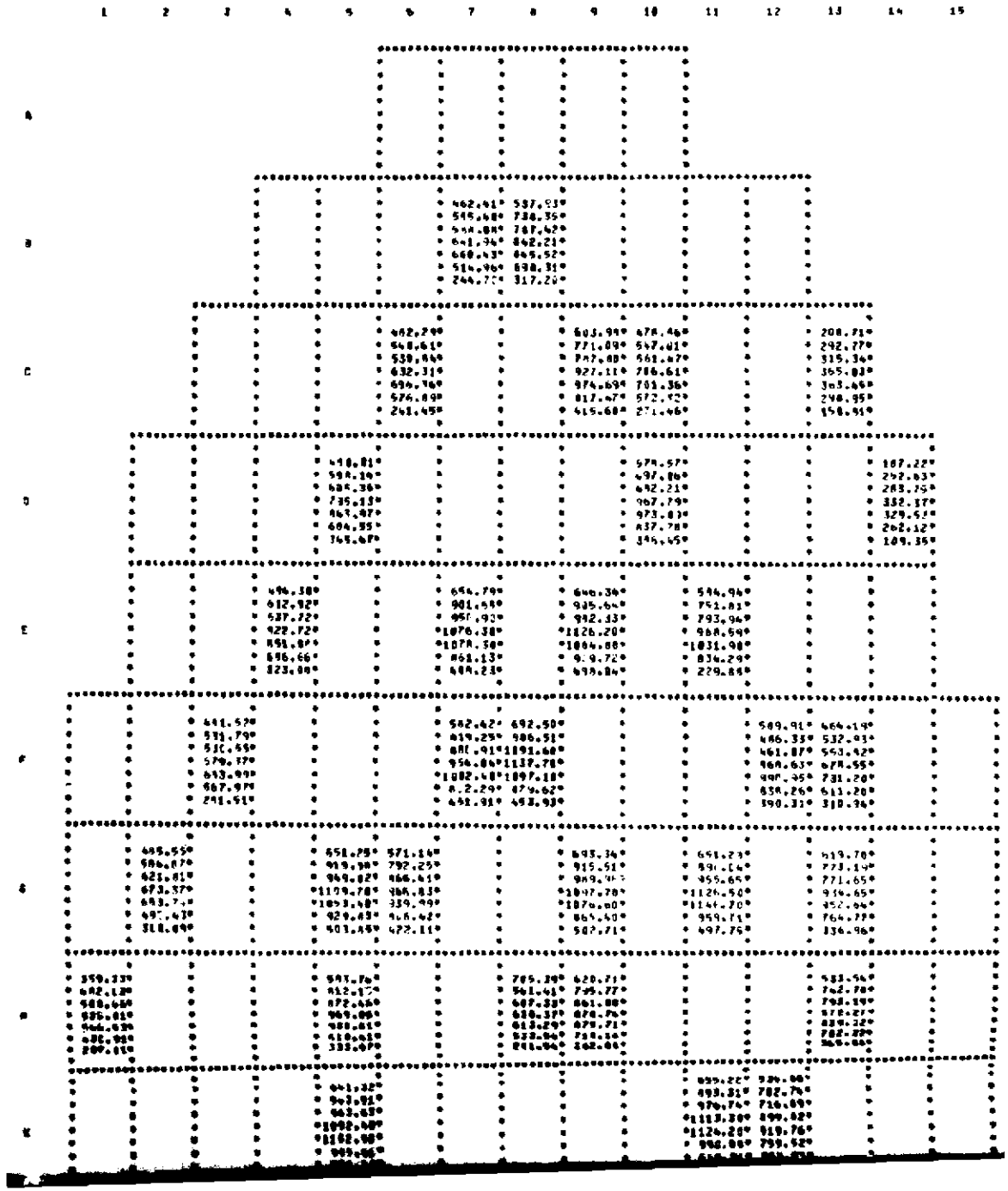
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.793	CORE OUTLET	2182.2	LOOP A INLET TEMP(1)	556.43
RC FLOW LOOP B	69.351	SECONDARY LOOP A	894.50	LOOP A INLET TEMP(2)	554.98
RC TOTAL FLOW	138.97	SECONDARY LOOP B	894.50	LOOP B INLET TEMP(1)	555.61
FEEDWATER FLOW LOOP A	5.2953			LOOP B INLET TEMP(2)	555.41
FEEDWATER FLOW LOOP B	5.4316			FEEDWATER (LOOP A)	462.56
LETDOWN FLOW	.32538E-01			FEEDWATER (LOOP B)	462.56
				REACTOR OUTLET (LOOP A)	688.85
				REACTOR OUTLET (LOOP B)	688.61
				STEAM TEMP (LOOP A)	598.87
				STEAM TEMP (LOOP B)	591.35

FOCW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		13.30*					
C					100.80*		94.90*		98.40*		101.00*				
D			99.70*		16.40*		86.90*		15.30*		99.90*				
E			99.70*		86.40*		99.70*		98.70*		86.90*		99.70*		
F		12.20*		15.10*		99.40*		99.90*		99.90*		15.30*		13.20*	
G			99.60*		99.70*		101.00*		99.80*		101.00*		98.70*		
H		99.60*		88.10*		99.90*		13.20*		99.80*		86.90*		99.70*	
K			99.40*		99.70*		101.00*		101.00*		99.70*		99.60*		
L		13.20*		19.60*		99.90*		99.70*		99.90*		15.30*		13.20*	
M			101.00*		92.40*		99.40*		99.90*		88.00*		99.70*		
N				99.40*		14.30*		86.90*		16.50*		98.60*			
O					99.70*		99.80*		99.50*		99.70*				
P						14.60*		99.70*		13.10*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNCBC



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			670.[illegible]			1081.91	1091.68					461.87	558.82		
			683.[illegible]			946.86	1137.70					468.65	678.95		
			567.97			1102.48	1107.10					998.95	731.28		
			291.61			8.2.29	879.62					658.26	611.28		
						451.91	453.93					390.31	319.36		
G		485.55			651.25	571.14		633.34		651.23			613.78		
		584.07			919.38	792.25		915.51		930.64			773.19		
		621.81			944.82	866.41		949.36		955.65			771.65		
		673.97			1109.78	966.43		1097.78		1126.50			934.65		
		653.76			1053.68	934.39		1076.60		1146.70			952.66		
		622.63			929.83	846.42		965.60		959.71			764.77		
		318.09			503.45	422.11		507.71		497.75			336.96		
H	359.33				993.76		785.39	628.71				733.64			
	642.13				812.15		561.41	745.77				742.78			
	588.46				872.46		687.33	861.80				793.19			
	539.01				969.05		638.37	878.76				872.27			
	546.53				938.61		813.29	675.71				839.32			
	438.91				918.41		533.54	718.14				782.22			
	287.81				339.97		291.54	382.84				365.80			
K					661.32					656.35	686.64				
					943.41					993.31	782.74				
					963.63					976.74	716.49				
					1092.48					1113.38	899.82				
					1152.48					1124.22	919.76				
					995.61					990.83	759.52				
					536.18					565.31	551.45				
L		466.21	581.12			686.71				559.77		455.44			
		348.53	539.19			333.95				657.44		545.96			
		339.46	461.01			992.39				754.70		553.81			
		370.12	669.92			1879.90				942.23		704.36			
		363.38	676.17			1108.61				977.84		715.19			
		321.03	574.78			982.79				818.08		628.38			
		147.22	255.33			432.85				372.69		342.13			
M			492.58			649.45		677.77	544.[illegible]					316.36	
			668.07			946.52		[illegible]	722.46					381.77	
			631.37			988.66		919.16	775.25					398.14	
			749.42			1110.58		1112.73	865.85					459.78	
			776.51			1097.80		1116.48	941.89					443.12	
			621.29			904.74		934.65	489.23					374.67	
			388.69			523.98		423.93	343.39					159.08	
N			493.97				661.43	545.[illegible]							
			671.74				928.46	708.02							
			692.57				945.25	659.42							
			833.51				1090.38	869.[illegible]							
			891.43				1183.48	987.43							
			770.81				830.77	758.04							
			312.47				284.75	321.13							
O				518.16	496.62				430.64		324.49				
				672.81	561.88				555.83		446.26				
				641.98	537.36				557.36		473.19				
				741.66	687.63				717.84		555.55				
				888.27	691.41				653.25		552.24				
				619.91	565.30				576.87		471.36				
				320.72	285.27				249.35		258.11				
P					419.49										
					322.98										
					324.35										
					360.12										
					384.82										
					313.46										
					184.62										
Q						318.53			227.46						
					489.69				251.81						
					421.96				265.42						
					439.19				292.82						
					453.12				296.45						
					307.86				237.63						
					196.15				124.28						

CASE 5

TMI-1 CY-1

YEAR 74 MONTH 10 DAY 10 HOUR 08 MINUTE 25 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2538.7	2248.0	1873.0

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.432	CORE OUTLET	2154.5	LOOP A INLET TEMP(1)	556.19
RC FLOW LOOP B	69.183	SECONDARY LOOP A	895.00	LOOP A INLET TEMP(2)	554.63
RC TOTAL FLOW	138.77	SECONDARY LOOP B	895.00	LOOP B INLET TEMP(1)	555.46
FEEDWATER FLOW LOOP A	5.3060			LOOP B INLET TEMP(2)	555.23
FEEDWATER FLOW LOOP B	5.4431			FEEDWATER (LOOP A)	462.43
LETDOWN FLOW	.45360E-01			FEEDWATER (LOOP B)	462.43
				REACTOR OUTLET (LOOP A)	600.64
				REACTOR OUTLET (LOOP B)	600.39
				STEAM TEMP (LOOP A)	598.66
				STEAM TEMP (LOOP B)	591.28

POOL

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.20*		99.70*		15.10*					
C					100.00*		99.90*		99.80*		101.00*				
D				99.70*		14.60*		98.80*		17.50*		99.90*			
E			99.60*		88.90*		99.70*		99.70*		88.80*		99.70*		
F		15.70*		16.60*		99.70*		99.80*		99.70*		17.50*		14.30*	
G			99.60*		99.70*		101.00*		99.60*		101.00*		99.70*		
H		99.90*		99.10*		99.40*		13.20*		99.70*		88.00*		99.60*	
I			99.60*		99.70*		101.00*		101.00*		99.70*		99.90*		
L		14.30*		17.50*		99.90*		99.70*		99.70*		14.50*		13.30*	
M			101.00*		88.90*		99.90*		99.90*		88.00*		99.70*		
N				99.60*		14.50*		88.80*		15.60*		98.60*			
O					99.70*		99.80*		99.90*		99.70*				
P						15.90*		95.70*		14.20*					
R															

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

SPHOBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							492.44*	560.06*							
							615.64*	706.13*							
							588.66*	773.50*							
							614.89*	882.05*							
							630.74*	916.39*							
							500.98*	809.01*							
							269.27*	321.07*							
C						516.30*			642.74*	512.63*			225.89*		
						593.56*			615.19*	596.27*			314.19*		
						526.75*			771.98*	557.38*			314.82*		
						542.23*			872.94*	664.51*			349.75*		
						677.17*			939.34*	691.46*			353.76*		
						575.11*			884.92*	582.73*			297.22*		
						244.70*			425.78*	288.35*			154.89*		
D				514.48*						628.38*				281.75*	
				686.99*						664.60*				266.24*	
				599.46*						473.38*				281.53*	
				739.91*						876.71*				318.28*	
				815.21*						935.76*				319.94*	
				642.13*						430.72*				260.28*	
				357.72*						398.81*				111.11*	
E			520.90*			698.29*		602.54*		626.91*					
			671.60*			944.72*		946.64*		818.85*					
			638.99*			931.17*		959.68*		774.46*					
			765.73*			*1806.98*		*1859.80*		894.21*					
			828.06*			*1013.18*		*1839.68*		946.31*					
			687.06*			544.36*		988.85*		825.78*					
			133.90*			410.89*		587.58*		239.92*					
F			511.12*			611.91*	725.77*					633.02*	699.13*		
			570.70*			846.92*	1813.68*					685.11*	586.72*		
			529.38*			864.71*	1868.88*					449.66*	563.49*		
			637.78*			911.32*	1842.68*					879.91*	636.51*		
			842.64*			978.47*	1852.88*					951.25*	787.22*		
			846.79*			796.43*	867.97*					828.79*	687.64*		
			209.98*			439.75*	450.46*					398.19*	317.77*		
G		5.9.46*			847.65*	996.41*			723.93*		689.22*		660.77*		
		606.54*			955.68*	816.52*			938.86*		931.13*		817.25*		
		617.59*			978.87*	894.38*			968.18*		932.65*		756.13*		
		698.73*			*1151.16*	924.26*			*1445.61*		*1021.70*		878.13*		
		548.12*			*1813.88*	910.[illegible]*			*1838.40*		*1188.90*		915.33*		
		491.88*			917.41*	881.52*			851.37*		948.12*		759.48*		
		317.31*			515.44*	[illegible]			5.8.35*		497.47*		344.79*		
H	873.57*				687.18*			733.80*	649.46*				967.68*		
	648.16*				898.79*			875.75*	818.90*				778.88*		
	848.88*				948.76*			898.51*	868.84*				781.87*		
	843.98*				934.87*			816.88*	837.94*				880.18*		
	838.98*				[illegible]			898.71*	844.66*				881.80*		
	808.98*				[illegible]			[illegible]	718.84*				899.98*		
	306.98*				[illegible]			388.88*	386.09*				877.88*		
I					[illegible]						898.84*	948.46*			
					[illegible]						933.87*	789.97*			
					[illegible]						995.41*	784.88*			
					[illegible]						*1044.38*	844.61*			
					[illegible]						*1088.98*	888.74*			
					[illegible]						988.14*	752.88*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1			[illegible]			[illegible]	[illegible]				[illegible]	[illegible]			
			[illegible]			981.87*	1602.60*				949.60*	853.49*			
			[illegible]			970.67*	1052.60*				879.91*	639.51*			
			[illegible]			794.63*	667.97*				951.25*	707.22*			
			289.19*			494.75*	450.66*				828.79*	687.64*			
											390.19*	317.77*			
5		5.9.46*			440.05*	596.40*			723.93*		689.22*		468.77*		
		684.54*			955.60*	498.92*			920.04*		931.13*		417.25*		
		617.57*			934.07*	494.38*			908.18*		932.64*		756.13*		
		658.73*			*1.51.10*	920.26*			*1445.6[illegible]*		*1681.70*		878.13*		
		640.12*			*1013.08*	918.14*			*1833.40*		*1188.98*		915.33*		
		641.888			917.41*	481.52*			851.37*		968.12*		755.48*		
		317.31*			515.44*	452.92*			5.0.35*		697.47*		346.79*		
4	373.57*				687.18*		733.48*	649.[illegible]							
	498.11*				890.75*		579.75*	818.90*					567.88*		
	482.20*				840.74*		599.51*	948.54*					778.08*		
	518.90*				934.27*		616.88*	837.54*					761.37*		
	838.91*				981.24*		596.71*	848.68*					438.15*		
	489.62*				687.58*		520.69*	712.38*					811.15*		
	294.98*				343.84*		205.28*	300.65*					699.38*		
													377.58*		
3					861.69*						697.36*	649.66*			
					980.00*						488.48*	759.57*			
					981.68*						959.41*	764.08*			
					1061.90						*1049.38*	844.91*			
					1120.20						*1048.58*	888.74*			
					489.41*						988.14*	752.38*			
					552.99*						579.83*	864.85*			
2		471.99*	919.71*			711.58*					535.54*		485.96*		
		357.52*	543.29*			951.76*					751.94*		547.45*		
		339.71*	542.95*			973.69*					742.16*		547.87*		
		369.55*	640.88*			*1085.98*					841.84*		664.48*		
		356.75*	842.49*			*1089.28*					948.45*		698.91*		
		321.41*	598.45*			981.93*					814.14*		617.44*		
		190.58*	269.02*			444.84*					393.78*		358.56*		
1			588.49*				674.57*		713.27*	578.36*				348.18*	
			658.14*				985.74*		958.86*	776.84*				485.71*	
			631.21*				974.06*		918.24*	763.06*				393.41*	
			758.98*				*1053.90*		*1046.88*	981.57*				433.70*	
			762.97*				*1059.68*		*1074.60*	957.89*				428.24*	
			627.28*				964.98*		931.45*	796.97*				378.72*	
			312.81*				538.96*		635.36*	354.39*				168.62*	
0				534.42*			673.33*	577.89*							
				783.36*			959.81*	762.27*							
				888.84*			927.19*	679.33*							
				880.94*			*1062.88*	815.11*							
				837.68*			*1067.18*	878.84*							
				716.31*			845.21*	756.04*							
				524.98*			297.11*	331.12*							
-1					553.54*	514.35*				524.19*		349.28*			
					657.71*	606.89*				627.20*		475.81*			
					644.94*	532.51*				551.57*		478.79*			
					746.12*	647.38*				673.85*		534.92*			
					748.59*	675.34*				662.24*		537.56*			
					622.88*	568.75*				574.78*		478.82*			
					329.89*	235.22*				294.54*		264.68*			
-2						435.72*									
						337.20*									
						327.89*									
						345.97*									
						376.58*									
						314.92*									
						149.82*									
-3							326.75*			241.97*					
							422.41*			264.94*					
							416.41*			263.42*					
							421.53*			281.91*					
							439.58*			286.66*					
							384.41*			236.55*					
							280.11*			126.42*					

CASE 6

TMI-1 CY-1

YEAR 74 MONTH 11 DAY 07 HOUR 10 MINUTE 56 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2500.3	2520.8	1869.8

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.578	CORE OUTLET	2168.4	LOOP A INLET TEMP(1)	556.51
RC FLOW LOOP B	69.248	SECONDARY LOOP A	898.10	LOOP A INLET TEMP(2)	554.94
RC TOTAL FLOW	138.98	SECONDARY LOOP B	898.18	LOOP B INLET TEMP(1)	555.81
FEEDWATER FLOW LOOP A	5.2042			LOOP B INLET TEMP(2)	555.56
FEEDWATER FLOW LOOP B	5.4025			FEEDWATER (LOOP A)	462.18
LETDOWN FLOW	.32886E-01			FEEDWATER (LOOP B)	462.18
				REACTOR OUTLET (LOOP A)	608.58
				REACTOR OUTLET (LOOP B)	608.34
				STEAM TEMP (LOOP A)	591.15
				STEAM TEMP (LOOP B)	591.49

POCW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.60*		99.70*		15.60*					
C					188.00*		99.90*		38.80*		99.80*				
D				99.70*		17.50*		58.00*		17.50*		99.90*			
E			99.70*		97.90*		99.70*		99.70*		85.90*		99.70*		
F		14.40*		17.30*		99.90*		181.00*		99.90*		16.50*		15.60*	
G			78.60*		99.70*		99.70*		99.90*		98.70*		98.70*		
H		99.80*		48.80*		99.80*		15.60*		99.60*		48.80*		99.60*	
K			99.4[illegible]*		99.70*		99.7[illegible]*		1[illegible]1.6[illegible]*		38.60*		99.80*		
L		15.30*		15.60*		99.90*		29.70*		99.90*		17.90*		15.60*	
M			99.90*		98.10*		98.90*		99.90*		88.00*		181.00*		
N				99.90*		17.60*		68.90*		14.60*		99.70*			
O					14.70*		99.0[illegible]*		99.9[illegible]*		99.7[illegible]*				
P						15.60*		99.70*		14.10*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SFNCBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							497.17*	570.81*							
							610.81*	762.11*							
							572.97*	755.11*							
							609.66*	783.65*							
							630.13*	796.61*							
							5.3.56*	681.95*							
							249.99*	319.76*							
C					521.18*			642.76*	514.46*				226.67*		
					549.41*			805.30*	591.67*				329.32*		
					519.40*			755.99*	554.64*				311.54*		
					542.96*			860.11*	663.36*				346.83*		
					672.63*			921.43*	695.42*				348.95*		
					571.33*			796.12*	578.61*				297.39*		
					249.26*			422.43*	267.68*				153.16*		
D					513.91*					617.66*				284.1[illegible]*	
					643.83*					545.50*				270.97*	
					595.81*					469.89*				279.75*	
					748.43*					842.36*				315.15*	
					884.91*					917.54*				315.24*	
					677.37*					916.61*				256.68*	
					354.54*					394.54*				188.92*	
E				528.04*			446.0[illegible]*		676.72*		621.36*				
				663.75*			924.27*		924.38*		798.1[illegible]*				
				627.31*			911.44*		943.50*		742.84*				
				770.58*			998.35*		*1044.80*		849.47*				
				815.9[illegible]*			*1014.42*		*1122.4[illegible]*		966.10*				
				641.03*			461.32*		890.99*		889.13*				
				333.38*			435.97*		508.75*		234.33*				
F			517.28*				639.84*	737.35*				629.91*	5[illegible]4.36*		
			581.28*				819.66*	*1009.58*				562.79*	589.06*		
			522.47*				458.81*	*1057.68*				445.74*	551.38*		
			641.02*				847.15*	*1077.50*				447.45*	634.79*		
			655.26*				956.83*	*1032.78*				930.31*	694.53*		
			564.84*				730.50*	872.12*				814.28*	603.72*		
			249.51*				459.66*	457.25*				344.87*	314.69*		
G		515.7[illegible]*			674.66*	595.13*			722.8[illegible]*		682.83*		667.46*		
		619.62*			954.[illegible]*	806.79*			933.58*		910.94*		912.38*		
		611.32*			807.[illegible]*	449.73*			847.3[illegible]*		814.90*		744.69*		
		843.06*			*1112.40*	915.06*			*1319.[illegible]*		*1343.20*		862.3[illegible]*		
		633.57*			493.18*	895.24*			*1087.90*		*1077.98*		895.44*		
		443.38*			918.17*	480.66*			819.76*		934.67*		744.91*		
		315.76*			512.50*	438.76*			605.44*		499.33*		339.92*		
H	378.11*				8[illegible]1.80*			739.13*	653.46*				8[illegible]9.47*		
	492.94*				814.60*			611.83*	629.72*				774.38*		
	492.24*				8[illegible]4.60*			598.07*	836.67*				778.80*		
	5[illegible]4.03*				9[illegible]0.71*			638.18*	824.84*				818.94*		
	615.6[illegible]*				818.63*			602.86*	849.72*				880.00*		
	481.7[illegible]*				788.43*			887.91*	711.47*				699.19*		
	304.3[illegible]*				348.9[illegible]*			286.07*	348.04*				377.18*		
K					493.88*						8[illegible]4.22*	904.77*			
					925.14*						914.29*	744.68*			
					933.91*						933.28*	699.51*			
					1046.98						*1030.68*	842.84*			
					1188.68						*1057.98*	878.12*			
					989.13*						948.53*	746.61*			
					869.73*						570.19*	363.89*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			668.26*			996.65*	1032.78*					930.31*	698.93*		
			546.89*			798.58*	872.12*					816.28*	683.72*		
			289.51*			459.66*	457.25*					349.87*	314.65*		
G		914.74*			674.46*	595.13*			722.8*		682.83*		863.46*		
		614.62*			954.44*	906.79*			933.58*		918.94*		912.38*		
		611.33*			987.24*	940.73*			947.95*		935.98*		744.69*		
		663.66*			*1032.40*	915.46*			*1014.[illegible]*		*1343.20*		862.35*		
		683.57*			993.15*	835.24*			*1007.39*		*1877.98*		895.44*		
		499.38*			918.17*	808.66*			639.76*		935.67*		746.51*		
		315.76*			912.50*	652.74*			525.46*		493.33*		339.92*		
H	378.11*				6[illegible]1.30*			739.13*	653.68*				569.67*		
	492.34*				818.68*			611.33*	829.72*				774.38*		
	492.24*				846.64*			538.07*	856.67*				778.65*		
	506.83*				920.2[illegible]*			623.13*	824.3[illegible]*				818.34*		
	519.62*				885.61*			592.85*	839.72*				868.85*		
	421.79*				886.41*			527.51*	711.47*				695.15*		
	288.39*				343.9[illegible]*			284.57*	356.65*				377.18*		
K					653.68*						686.22*	668.77*			
					929.14*						916.79*	744.64*			
					933.51*						*933.24*	695.91*			
					1866.88						*1838.68*	842.06*			
					1108.48						*1857.58*	878.12*			
					989.13*						988.53*	746.81*			
					568.74*						476.19*	863.99*			
L		673.45*	520.[illegible]*			771.14*					591.66*		487.89*		
		964.48*	539.37*			912.17*					753.73*		597.59*		
		917.71*	551.0*			951.24*					731.15*		944.01*		
		963.26*	652.58*			*1317.10*					477.19*		615.67*		
		894.01*	662.24*			*1370.70*					424.3*		447.66*		
		322.16*	588.41*			907.[illegible]*					417.[illegible]*		614.21*		
		192.77*	273.19*			457.71*					745.63*		561.45*		
M			499.76*			669.64*			785.40*	675.98*				343.35*	
			649.21*			965.87*			931.10*	755.84*				411.[illegible]*	
			674.33*			955.64*			930.22*	751.02*				388.32*	
			747.19*			*1639.50*			*1029.80*	699.49*				429.13*	
			757.61*			*1045.80*			*1036.40*	836.3**				423.24*	
			637.83*			962.55*			925.56*	789.71*				367.38*	
			324.62*			845.49*			436.85*	352.57*				168.24*	
N				512.48*			678.73*	576.40*							
				692.68*			944.33*	748.35*							
				674.82*			911.29*	671.89*							
				814.84*			*1028.38*	814.7**							
				824.28*			*1052.48*	869.06*							
				758.23*			681.61*	753.60*							
				362.43*			296.98*	331.55*							
O					536.46*	523.33*				526.71*		349.70*			
					654.39*	627.43*				601.94*		472.94*			
					648.61*	518.98*				546.48*		473.68*			
					741.85*	531.43*				576.81*		535.89*			
					741.98*	673.20*				658.33*		534.38*			
					631.11*	574.76*				572.61*		468.45*			
					339.56*	246.52*				243.50*		265.35*			
P						462.38*									
						355.[illegible]*									
						319.96*									
						341.76*									
						374.81*									
						318.36*									
						172.75*									
Q							330.69*			245.65*					
							438.46*			270.53*					
							411.56*			261.25*					
							414.72*			278.33*					
							436.42*			263.11*					
							343.24*			235.38*					
							201.75*			126.27*					

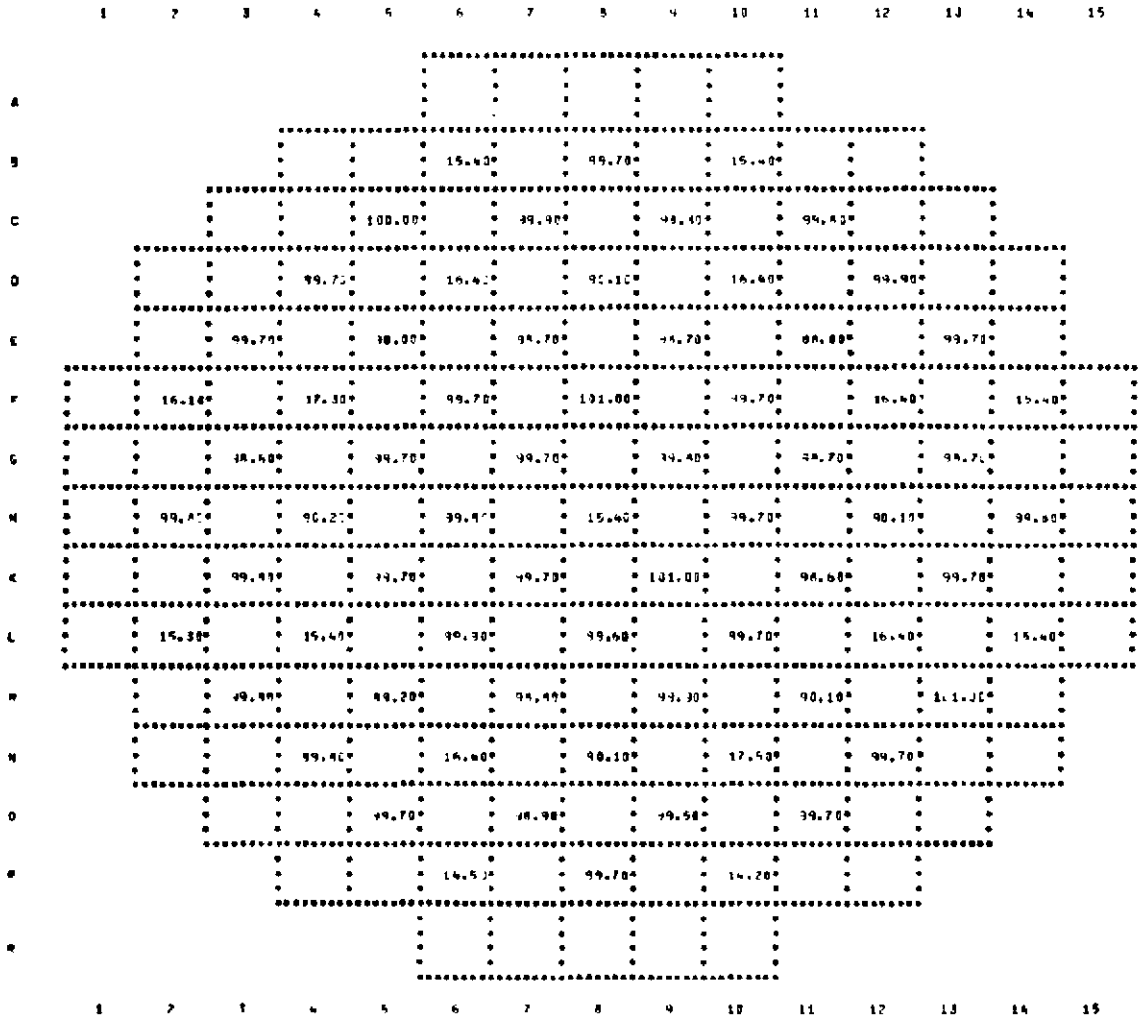
CASE 7

TMI-1 CY-1

YEAR 74 MONTH 11 DAY 15 HOUR 10 MINUTE 47 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2481.4	2763.0	1057.0

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.587	CORE OUTLET	2167.2	LOOP A INLET TEMP(1)	556.18
RC FLOW LOOP B	69.160	SECONDARY LOOP A	898.60	LOOP A INLET TEMP(2)	554.83
RC TOTAL FLOW	138.63	SECONDARY LOOP B	898.60	LOOP B INLET TEMP(1)	555.25
FEEDWATER FLOW LOOP A	5.1786			LOOP B INLET TEMP(2)	555.21
FEEDWATER FLOW LOOP B	5.3633			FEEDWATER (LOOP A)	461.81
LETDOWN FLOW	.32986E-01			FEEDWATER (LOOP B)	461.81
				REACTOR OUTLET (LOOP A)	608.08
				REACTOR OUTLET (LOOP B)	599.76
				STEAM TEMP (LOOP A)	598.73
				STEAM TEMP (LOOP B)	598.80


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
A
B 15.40* 99.70* 15.40*
C 100.00* 99.90* 99.40* 99.80*
D 99.70* 16.40* 90.10* 16.40* 99.90*
E 99.70* 98.00* 99.70* 99.70* 98.80* 99.70*
F 16.14* 17.30* 99.70* 101.00* 99.70* 16.40* 15.40*
G 98.60* 99.70* 99.70* 99.40* 99.70* 99.70*
H 99.80* 90.20* 99.90* 15.40* 99.70* 90.10* 99.60*
K 99.99* 99.70* 99.70* 101.00* 98.60* 99.70*
L 15.38* 15.40* 99.90* 99.60* 99.70* 16.40* 15.40*
M 99.99* 99.20* 99.99* 99.30* 90.10* 101.00*
N 99.90* 16.40* 90.10* 17.50* 99.70*
O 99.70* 98.98* 99.50* 39.70*
P 14.50* 99.70* 14.20*
R

SPNOBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							645.61*	565.17*							
							629.36*	746.71*							
							568.15*	743.72*							
							607.25*	772.47*							
							625.10*	788.14*							
							585.75*	683.02*							
							258.36*	329.19*							
C						520.14*			638.13*	513.22*			229.14*		
						592.12*			730.41*	544.98*			318.47*		
						519.87*			746.27*	556.44*			315.38*		
						548.53*			849.38*	664.60*			349.37*		
						671.51*			914.04*	640.45*			351.13*		
						579.27*			736.13*	543.21*			303.25*		
						740.29*			440.36*	298.66*			162.70*		
D				514.42*						617.22*				205.02*	
				438.87*						442.44*				278.92*	
				495.95*						465.28*				248.87*	
				737.76*						476.46*				315.58*	
				794.49*						901.47*				318.15*	
				608.82*						817.64*				268.21*	
				373.81*						411.68*				114.17*	
E				528.44*			642.62*		672.45*		619.63*				
				457.26*			989.51*		912.08*		776.05*				
				626.10*			836.76*		926.74*		755.36*				
				767.10*			968.86*		*1021.30*		876.41*				
				906.07*			990.25*		998.00*		945.53*				
				684.44*			836.58*		849.22*		818.64*				
				350.25*			631.63*		524.74*		240.64*				
F			516.91*				687.36*	719.87*				628.63*	582.21*		
			570.77*				827.57*	986.66*				534.68*	579.34*		
			521.99*				435.95*	*1035.20*				444.13*	551.10*		
			848.12*				878.82*	*1069.88*				974.49*	642.65*		
			648.91*				936.73*	*1056.28*				911.45*	692.81*		
			587.95*				745.26*	906.58*				815.07*	618.31*		
			301.27*				469.33*	477.16*				485.82*	326.11*		
G		512.10*			671.85*	592.14*			716.17*		679.93*		658.68*		
		605.21*			917.76*	795.65*			914.93*		895.84*		796.49*		
		627.19*			849.53*	827.39*			928.50*		899.97*		737.87*		
		639.27*			*1009.50*	997.81*			948.28*		*1028.70*		848.77*		
		632.92*			968.78*	876.65*			943.17*		*1053.20*		840.25*		
		454.72*			839.46*	795.96*			833.24*		930.46*		744.77*		
		326.59*			577.54*	642.25*			513.63*		494.56*		355.57*		
H	374.43*				691.11*			729.97*	649.26*				566.53*		
	441.91*				807.77*			594.28*	814.27*				762.16*		
	485.78*				*53.96*			588.91*	823.36*				782.89*		
	499.05*				941.49*			591.41*	885.63*				811.88*		
	512.24*				865.67*			582.04*	823.90*				792.42*		
	422.28*				881.11*			572.96*	789.83*				782.34*		
	213.64*				354.29*			280.87*	346.45*				348.69*		
K					849.42*						682.81*	946.18*			
					957.82*						894.37*	732.48*			
					910.76*						917.89*	688.12*			
					1022.98						*1089.58*	833.44*			
					1073.80						*1134.20*	865.69*			
					908.86*						984.93*	747.11*			
					[illegible]						598.39*	803.26*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				[illegible]	[illegible]				536.60*	579.34*		
			921.00*				835.99*	1075.28*				644.13*	651.30*		
			640.12*				874.42*	1069.00*				874.49*	632.63*		
			640.91*				936.73*	1056.28*				913.45*	692.81*		
			567.95*				745.28*	986.56*				815.67*	618.31*		
			301.27*				469.33*	477.16*				485.02*	326.11*		
G		912.10*		671.05*	597.14*			716.37*		679.93*		658.60*			
		604.21*		917.74*	795.65*			314.33*		895.46*		796.89*			
		607.19*		649.53*	827.29*			928.30*		439.97*		737.87*			
		639.27*		*1049.60*	947.91*			936.26*		*1020.78*		648.78*			
		632.92*		369.20*	870.65*			941.17*		*1053.20*		850.25*			
		454.72*		649.96*	795.96*			833.24*		930.46*		746.77*			
		326.59*		527.64*	447.25*			513.63*		494.56*		355.67*			
H	374.33*			601.11*			779.97*	649.26*				566.53*			
	441.91*			887.27*			594.28*	814.27*				782.16*			
	485.74*			833.96*			540.91*	823.36*				782.39*			
	499.85*			901.49			591.61*	898.83*				811.88*			
	512.24*			865.67*			542.64*	823.30*				792.43*			
	422.28*			801.11*			522.94*	709.03*				702.34*			
	213.65*			354.29*			288.67*	346.43*				396.69*			
K				649.42*						682.21*	566.18*				
				927.52*						996.37*	737.64*				
				918.76*						917.09*	640.12*				
				1072.90						*1489.58*	833.44*				
				1[illegible]3.30						*1036.22*	865.69*				
				948.56*						964.91*	747.11*				
				522.65*						533.33*	565.24*				
L		467.94*	519.65*			638.68*				564.34*		485.49*			
		356.97*	532.35*			416.15*				722.23*		574.04*			
		316.28*	560.43*			833.56*				726.48*		543.24*			
		368.71*	649.80*			393.99*				865.15*		664.57*			
		357.95*	656.42*			996.17*				985.76*		676.66*			
		327.57*	591.74*			494.97*				613.18*		619.51*			
		156.86*	291.40*			464.28*				399.99*		366.02*			
M			497.64*				663.51*		[illegible]	573.73*				361.71*	
			648.18*				947.07*		913.76*	898.34*				485.81*	
			622.81*				939.56*		865.98*	749.97*				388.36*	
			742.56*				*1516.94*		*10.5.2.*	898.42*				427.52*	
			758.75*				*1017.68*		*1031.89*	858.38*				421.16*	
			639.12*				951.67*		919.04*	790.12*				371.91*	
			333.00*				558.02*		[illegible]	369.95*				167.27*	
N				518.03*			663.27*	571.98*							
				654.67*			924.35*	734.47*							
				622.16*			855.52*	605.36*							
				797.88*			*1808.78*	885.88*							
				812.08*			*1031.08*	854.84*							
				727.21*			879.15*	751.56*							
				347.77*			316.22*	346.12*							
S					528.56*	516.54*				522.49*		358.85*			
				638.81*	588.94*					549.01*		472.25*			
				644.43*	529.91*					545.33*		475.76*			
				739.68*	658.15*					672.68*		537.34*			
				771.66*	667.57*					654.37*		534.18*			
				629.15*	548.14*					576.58*		474.16*			
				343.51*	295.41*					304.78*		275.80*			
P						629.25*									
						833.84*									
						817.77*									
						841.56*									
						377.56*									
						321.00*									
						177.44*									
R							321.99*			241.68*					
							413.56*			264.24*					
							406.39*			260.23*					
							418.88*			277.87*					
							433.36*			282.46*					
							395.25*			239.12*					
							288.16*			131.91*					

CASE 8

TMI-1 CY-1

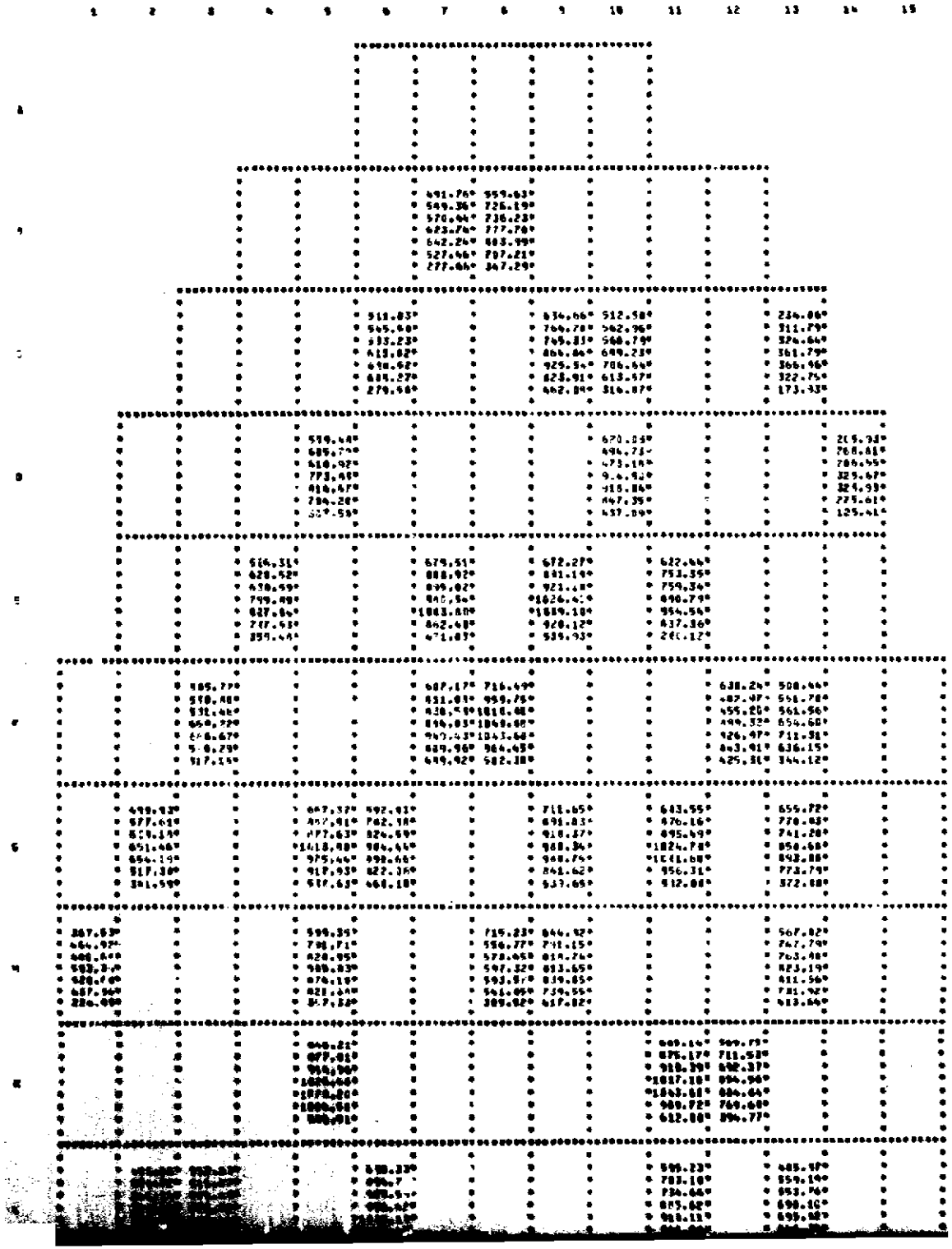
YEAR 74 MONTH 12 DAY 06 HOUR 10 MINUTE 14 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2500.0	3223.0	1039.0

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.799	CORE OUTLET	2167.2	LOOP A INLET TEMP(1)	555.98
RC FLOW LOOP B	68.972	SECONDARY LOOP A	899.00	LOOP A INLET TEMP(2)	554.47
RC TOTAL FLOW	136.76	SECONDARY LOOP B	899.00	LOOP B INLET TEMP(1)	555.26
FEEDWATER FLOW LOOP A	5.2592			LOOP B INLET TEMP(2)	555.16
FEEDWATER FLOW LOOP B	5.4839			FEEDWATER (LOOP A)	462.62
LETDOWN FLOW	.31433E-01			FEEDWATER (LOOP B)	462.62
				REACTOR OUTLET (LOOP A)	600.39
				REACTOR OUTLET (LOOP B)	599.96
				STEAM TEMP (LOOP A)	598.25
				STEAM TEMP (LOOP B)	598.73

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		13.40*					
C					130.00*		101.00*		94.80*		99.80*				
D				99.70*		13.20*		88.00*		13.20*		99.90*			
E			99.40*		97.30*		111.00*		98.70*		88.30*		97.20*		
F		12.30*		13.60*		99.70*		99.60*		99.70*		13.20*		13.20*	
G			99.60*		99.70*		99.70*		99.60*		99.70*		96.70*		
H		99.90*		84.00*		99.40*		13.20*		99.70*		98.00*		98.80*	
K			99.80*		13.70*		111.00*		99.70*		98.60*		96.70*		
L		13.20*		12.20*		99.40*		99.70*		99.70*		13.10*		13.20*	
M			99.90*		97.00*		98.00*		99.00*		88.00*		99.70*		
N				99.40*		13.20*		88.00*		14.30*		111.00*			
O					99.70*		97.40*		99.50*		99.70*				
P						14.40*		99.70*		13.10*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
G			317.19*									699.33*	664.68*		
												606.47*	711.32*		
												643.91*	636.15*		
												625.31*	344.12*		
		499.93*			667.37*	592.81*			711.65*		643.55*		656.72*		
		577.61*			587.01*	732.38*			691.83*		876.16*		770.83*		
		620.18*			677.63*	626.59*			919.37*		895.54*		741.20*		
		641.46*			*1018.40*	346.43*			938.34*		*1024.78*		656.68*		
		646.10*			975.44*	498.66*			946.75*		*1041.68*		643.86*		
		517.20*			917.93*	627.30*			841.62*		956.31*		773.79*		
		341.59*			934.63*	468.18*			639.65*		512.88*		372.88*		
H	347.93*				699.36*		715.23*	644.82*					967.82*		
	464.92*				798.71*		856.77*	791.15*					747.79*		
	448.69*				828.95*		976.65*	818.74*					763.98*		
	503.34*				989.83*		997.82*	813.64*					823.19*		
	520.60*				874.18*		943.87*	839.85*					811.53*		
	437.54*				621.68*		941.45*	739.55*					731.32*		
	224.09*				297.98*		385.92*	617.82*					413.64*		
K					846.21*						848.14*	860.78*			
					877.81*						874.17*	711.61*			
					914.94*						918.39*	892.37*			
					1026.60						*1017.18*	894.56*			
					1074.25						*1143.47*	886.64*			
					1004.98						988.72*	749.63*			
					546.91*						612.60*	394.77*			
L		456.66*	512.61*			695.33*					595.21*		485.37*		
		336.72*	511.27*			894.77*					703.18*		559.19*		
		341.14*	574.49*			925.59*					734.66*		553.76*		
		371.88*	671.52*			946.42*					885.67*		690.1*		
		382.48*	677.46*			*1009.18*					918.11*		695.92*		
		335.43*	619.17*			915.18*					841.50*		646.35*		
		164.12*	297.21*			482.63*					410.56*		343.34*		
M			492.64*				662.83*		7.3.56*	592.13*				341.25*	
			617.88*				822.77*		895.64*	721.72*				394.12*	
			633.67*				833.73*		882.91*	750.18*				396.84*	
			754.58*				*1221.10*		*13.7.7.*	937.96*				439.83*	
			769.18*				*1024.78*		*1040.90*	896.88*				434.41*	
			468.91*				473.56*		948.28*	613.84*				389.57*	
			353.88*				579.78*		408.23*	378.63*				178.38*	
N				506.48*			662.82*	575.6[illegible]							
				666.87*			985.28*	715.94*							
				657.81*			898.40*	673.66*							
				817.96*			*1016.28*	824.31*							
				826.68*			*1044.80*	878.75*							
				753.49*			902.88*	776.18*							
				343.45*			326.91*	358.15*							
O					513.67*	582.41*				526.36*		358.74*			
					612.18*	557.03*				587.78*		473.67*			
					658.94*	541.56*				555.62*		486.56*			
					756.85*	677.07*				617.73*		557.63*			
					788.88*	658.98*				676.95*		593.71*			
					653.66*	586.88*				622.53*		496.91*			
					358.93*	336.25*				319.93*		298.95*			
P						481.36*									
						509.74*									
						528.8.*									
						351.98*									
						383.40*									
						335.77*									
						187.32*									
R							389.10*			239.77*					
							396.52*			256.63*					
							484.94*			262.78*					
							419.[illegible]*			283.36*					
							464.79*			291.66*					
							481.92*			249.08*					
							221.68*			138.36*					

CASE 9

TMI-1 CY-1

YEAR 74 MONTH 12 DAY 12 HOUR 15 MINUTE 31 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2526.1	3409.8	1868.8

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.627	CORE OUTLET	2164.5	LOOP A INLET TEMP(1)	556.34
RC FLOW LOOP B	69.843	SECONDARY LOOP A	902.80	LOOP A INLET TEMP(2)	554.66
RC TOTAL FLOW	138.41	SECONDARY LOOP B	902.88	LOOP B INLET TEMP(1)	555.58
FEEDWATER FLOW LOOP A	5.2686			LOOP B INLET TEMP(2)	555.31
FEEDWATER FLOW LOOP B	5.4438			FEEDWATER (LOOP A)	462.59
LETDOWN FLOW	.35147E-01			FEEDWATER (LOOP B)	462.59
				REACTOR OUTLET (LOOP A)	608.81
				REACTOR OUTLET (LOOP B)	608.48
				STEAM TEMP (LOOP A)	598.66
				STEAM TEMP (LOOP B)	598.94

MODN

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.30*		99.70*		15.50*					
C					100.00*		101.00*		99.60*		99.83*				
D				99.70*		6.75*		98.00*		7.93*		99.92*			
E			99.70*		97.90*		101.00*		98.70*		98.00*		98.60*		
F		9.80*		7.74*		99.70*		99.40*		99.60*		6.75*		15.30*	
G			99.60*		99.70*		99.70*		99.60*		99.70*		98.70*		
H		99.60*		98.[illegible]		99.60*		13.20*		99.60*		99.80*		98.70*	
I			99.90*		99.70*		101.89*		99.70*		98.60*		98.70*		
L		15.30*		5.45*		99.40*		99.70*		99.70*		6.72*		15.40*	
M			99.90*		96.00*		98.[illegible]		99.6[illegible]		8[illegible].02*		99.70*		
N				99.90*		7.46*		98.00*		8.94*		101.00*			
O					99.70*		97.98*		99.50*		99.70*				
P						14.40*		99.70*		15.70*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNCOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							449.44*	521.02*							
							549.50*	717.03*							
							685.49*	774.20*							
							653.54*	808.71*							
							642.49*	804.54*							
							517.79*	693.02*							
							273.50*	340.61*							
C						468.57*			571.08*	453.19*			231.47*		
						531.96*			741.27*	543.08*			383.46*		
						687.77*			806.10*	648.84*			350.98*		
						697.32*			917.61*	738.83*			384.92*		
						741.41*			924.72*	718.76*			378.62*		
						596.61*			885.13*	685.06*			310.98*		
						273.09*			459.32*	310.94*			173.07*		
D					435.52*					522.98*				187.68*	
					573.46*					494.72*				284.71*	
					697.46*					631.96*				368.44*	
					824.33*					906.84*				345.54*	
					815.31*					915.13*				332.59*	
					649.34*					626.63*				272.14*	
					301.90*					428.51*				123.65*	
E				452.19*			599.62*		593.55*		538.71*				
				592.34*			638.09*		845.64*		702.4[illegible]*				
				724.21*			999.59*		942.36*		848.42*				
				836.96*			*1026.38*		*1071.38*		940.86*				
				829.39*			949.28*		*1003.28*		951.59*				
				693.25*			842.04*		838.3[illegible]*		816.86*				
				358.84*			442.81*		524.61*		254.86*				
F			449.46*				549.54*	655.41*				524.71*	441.32*		
			517.51*				778.66*	924.42*				449.47*	533.36*		
			599.96*				866.28*	1064.68*				617.28*	631.47*		
			715.38*				919.02*	1077.88*				957.62*	697.65*		
			668.22*				943.48*	1031.38*				825.06*	714.72*		
			579.33*				792.96*	936.83*				525.44*	626.57*		
			311.76*				440.97*	491.85*				416.18*	338.61*		
G		467.11*			548.93*	556.70*			652.51*		642.53*		544.03*		
		579.08*			841.89*	752.89*			868.89*		629.91*		747.13*		
		646.49*			935.42*	861.14*			943.48*		956.27*		406.78*		
		602.95*			*1068.98*	936.71*			*1004.38*		*1064.08*		982.32*		
		656.38*			949.98*	883.74*			979.14*		*1055.70*		692.67*		
		506.79*			833.94*	804.65*			848.63*		935.12*		758.67*		
		334.59*			526.18*	458.08*			527.07*		449.44*		365.28*		
H	348.52*				550.44*			689.76*	597.11*				916.12*		
	485.23*				768.95*			847.01*	769.13*				779.84*		
	504.79*				876.15*			591.35*	838.05*				811.12*		
	530.53*				940.71*			619.88*	835.63*				841.36*		
	519.49*				869.94*			698.65*	885.84*				811.79*		
	420.49*				801.42*			838.04*	728.24*				749.44*		
	300.04*				348.48*			390.44*	440.79*				420.12*		
M					640.02*						483.18*	499.04*			
					838.18*						825.08*	671.56*			
					902.05*						968.29*	759.91*			
					1069.21						*1066.68*	901.91*			
					1072.64						*1030.39*	883.06*			
					942.23*						964.09*	752.86*			
					874.31*						681.85*	387.53*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F							774.03*	924.42*				449.47*	538.34*		
			709.38*				935.02*	1077.68*				457.62*	897.45*		
			669.22*				943.48*	1031.38*				425.86*	714.72*		
			579.33*				792.96*	936.83*				425.44*	626.57*		
			311.76*				440.97*	491.05*				416.18*	338.61*		
G		467.11*			598.41*	536.78*		652.51*		682.53*		546.03*			
		579.68*			861.89*	757.89*		860.84*		829.91*		767.13*			
		648.68*			933.62*	861.14*		943.60*		956.27*		886.77*			
		682.95*			1068.88*	916.71*		1004.38*		1068.08*		982.42*			
		656.34*			964.92*	883.74*		979.18*		1055.70*		852.67*			
		586.79*			833.84*	586.65*		840.63*		935.12*		750.67*			
		336.93*			526.18*	458.08*		527.87*		499.98*		365.29*			
H	349.52*				538.44*		869.76*	597.11*				516.12*			
	485.23*				768.94*		947.01*	769.13*				725.76*			
	586.70*				876.15*		991.95*	838.85*				811.12*			
	822.92*				948.71*		618.88*	836.43*				861.30*			
	819.49*				887.91*		998.65*	835.38*				811.79*			
	478.69*				881.82*		938.88*	726.28*				739.61*			
	228.06*				345.65*		298.68*	409.79*				459.12*			
I					567.03*					683.18*	697.86*				
					838.16*					879.88*	871.96*				
					942.45*					964.29*	939.91*				
					1069.20*					1068.68*	981.51*				
					1072.68*					1038.39*	863.06*				
					942.33*					844.80*	752.66*				
					574.31*					481.85*	347.55*				
L		422.89*	448.73*			516.01*					518.01*		426.44*		
		347.34*	582.78*			938.47*					654.79*		536.98*		
		369.47*	658.17*			943.42*					811.02*		622.74*		
		391.19*	718.27*			1037.48*					936.98*		735.22*		
		366.45*	679.28*			999.94*					916.46*		699.82*		
		329.44*	687.16*			887.75*					825.62*		637.67*		
		168.81*	799.18*			484.17*					487.79*		379.97*		
N			431.89*				581.55*		619.64*	501.91*				311.15*	
			682.58*				847.52*		862.62*	664.65*				389.81*	
			716.93*				908.33*		935.72*	618.38*				424.51*	
			812.42*				1069.50*		1053.18*	961.46*				466.23*	
			778.40*				1017.38*		1033.28*	894.48*				438.56*	
			652.03*				944.33*		916.77*	795.33*				384.24*	
			345.87*				566.16*		457.60*	369.31*				175.61*	
O				434.97*			585.55*	502.97*							
				633.61*			854.87*	667.07*							
				761.94*			941.87*	738.60*							
				849.47*			1063.28*	682.15*							
				827.67*			1041.88*	671.52*							
				715.66*			888.97*	756.97*							
				352.60*			314.60*	350.73*							
P					448.00*	429.58*				465.64*		319.58*			
					577.13*	519.26*				537.46*		453.57*			
					717.84*	687.78*				619.56*		523.94*			
					888.74*	725.37*				749.85*		594.02*			
					791.81*	694.02*				632.32*		559.26*			
					639.86*	594.57*				593.76*		467.79*			
					358.16*	384.15*				314.45*		287.83*			
R						349.67*									
						294.36*									
						343.89*									
						372.25*									
						345.89*									
						338.96*									
						194.49*									
							298.39*			224.43*					
							382.83*			259.85*					
							421.87*			276.28*					
							432.26*			296.98*					
							445.77*			294.52*					
							394.83*			247.51*					
							218.49*			136.99*					

CASE 18

TMI-1 CY-1

YEAR 74 MONTH 12 DAY 28 HOUR 13 MINUTE 19 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2495.8	3652.8	1801.0

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.781	CORE OUTLET	2166.2	LOOP A INLET TEMP(1)	555.86
RC FLOW LOOP B	68.962	SECONDARY LOOP A	896.98	LOOP A INLET TEMP(2)	554.58
RC TOTAL FLOW	138.61	SECONDARY LOOP B	896.90	LOOP B INLET TEMP(1)	555.29
FEEDWATER FLOW LOOP A	5.2187			LOOP B INLET TEMP(2)	555.32
FEEDWATER FLOW LOOP B	5.4324			FEEDWATER (LOOP A)	462.88
LETDOWN FLOW	.33778E-01			FEEDWATER (LOOP B)	462.60
				REACTOR OUTLET (LOOP A)	600.27
				REACTOR OUTLET (LOOP B)	599.98
				STEAM TEMP (LOOP A)	590.39
				STEAM TEMP (LOOP B)	591.08

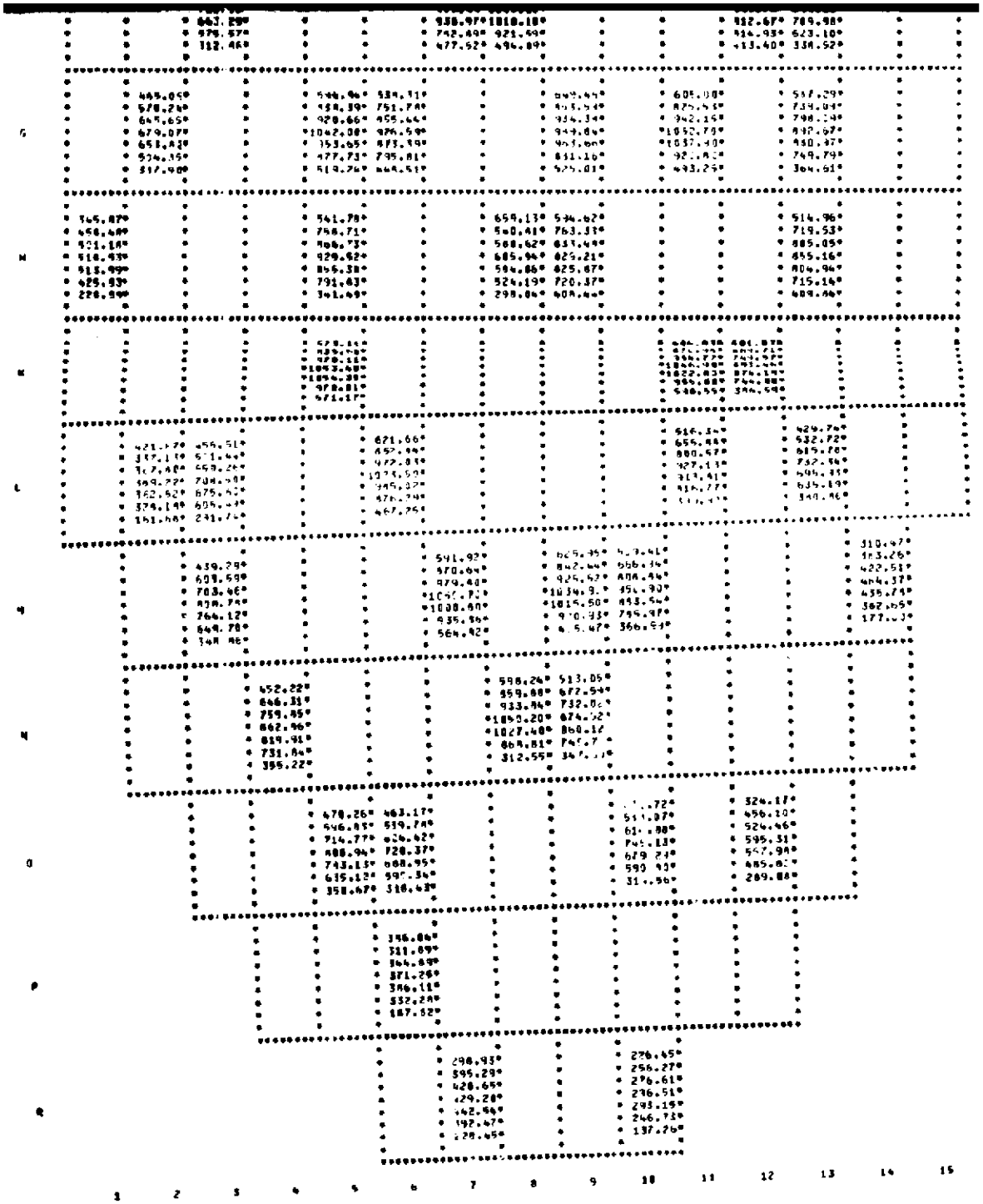
FCOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						14.30*		99.70*		14.50*					
C					100.00*		101.00*		98.40*		99.83*				
D			99. 0*			7.16*		96.90*		6.44*		99.90*			
E			99.70*		99.40*		101.00*		99.70*		99.00*		91.30*		
F		14.30*		6.16*		99.70*		99.45*		99.97*		7.83*		14.30*	
G			99.60*		99.70*		99.70*		99.63*		99.73*		98.70*		
H		99.99*		98.20*		99.40*		13.20*		99.48*		99.00*		99.72*	
K			99.90*		99.70*		101.00*		99.70*		99.70*		98.70*		
L		15.40*		6.94*		99.10*		99.70*		99.90*		7.83*		14.30*	
M			99.99*		99.00*		98.40*		99.40*		98.00*		99.70*		
N				99.40*		4.91*		96.80*		6.94*		101.00*			
O					99.70*		97.90*		99.50*		99.73*				
P						13.50*		99.70*		14.20*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHCBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							457.74*	517.45*							
							548.74*	707.63*							
							622.71*	766.93*							
							651.77*	681.43*							
							637.48*	797.34*							
							513.94*	687.13*							
							274.74*	339.37*							
C						453.98*			571.64*	456.66*			213.49*		
						827.97*			733.92*	539.64*			3[illegible]4.41*		
						688.55*			736.52*	614.11*			351.48*		
						655.83*			934.47*	736.99*			365.41*		
						694.93*			915.15*	707.23*			371.54*		
						592.51*			801.14*	682.02*			318.49*		
						275.41*			454.96*	389.74*			179.12*		
A				443.11*						532.40*				188.87*	
				575.34*						459.42*				264.46*	
				649.67*						566.26*				388.82*	
				872.64*						955.21*				345.57*	
				8[illegible]6.25*						903.34*				332.34*	
				682.15*						418.58*				271.71*	
				381.72*						427.09*				124.92*	
F				459.98*			6[illegible]2.64*		545.4[illegible]*		536.97*				
				554.34*			435.35*		640.20*		781.87*				
				735.43*			947.72*		907.07*		834.61*				
				651.33*			1011.40*		1035.2[illegible]*		934.44*				
				781.67*			943.52*		946.32*		934.17*				
				695.98*			429.68*		834.47*		804.75*				
				351.60*			439.66*		516.53*		249.74*				
F			492.1[illegible]*				551.64*	653.08*				535.67*	443.74*		
			539.13*				776.39*	917.87*				449.54*	528.30*		
			596.14*				859.25*	1032.48*				571.19*	624.81*		
			712.[illegible]*				935.44*	1063.18*				945.74*	694.60*		
			653.25*				930.97*	1018.18*				932.67*	709.98*		
			576.57*				742.49*	921.59*				834.93*	623.10*		
			312.44*				477.52*	494.89*				413.40*	334.52*		
G		475.85*			534.94*	534.71*			649.46*		605.00*		587.29*		
		578.24*			538.59*	751.74*			853.59*		824.53*		739.09*		
		645.65*			628.66*	855.46*			934.34*		342.15*		798.29*		
		679.07*			1042.30*	926.59*			944.84*		1052.70*		842.67*		
		651.82*			953.65*	873.39*			963.00*		1037.40*		850.47*		
		534.35*			872.73*	735.41*			851.10*		92[illegible].8[illegible]*		749.79*		
		317.90*			519.24*	448.51*			525.01*		493.25*		304.41*		
H	145.87*				561.74*			659.13*	594.62*				514.96*		
	454.44*				720.71*			540.81*	763.33*				719.53*		
	931.18*				866.73*			588.62*	833.45*				885.85*		
	918.53*				929.52*			689.94*	829.21*				855.16*		
	913.99*				864.38*			946.86*	825.87*				884.94*		
	428.68*				791.41*			924.19*	720.37*				715.14*		
	228.89*				461.49*			298.84*	488.44*				489.86*		
K					973.11*						085.73*	981.94*			
					435.46*						821.94*	669.71*			
					978.11*						354.72*	749.57*			
					1053.48*						1846.48*	693.46*			
					2894.38*						1022.83*	874.14*			
					978.01*						955.88*	744.88*			
					971.17*						598.55*	386.59*			
						621.66*					518.34*		429.74*		
											655.88*		532.72*		



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CASE 11

TMI-1 CY-1

YEAR 74 MONTH 12 DAY 26 HOUR 14 MINUTE 10 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2510.2	3636.8	997.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.927	CORE OUTLET	2162.8	LOOP A INLET TEMP(1)	556.54
RC FLOW LOOP B	68.798	SECONDARY LOOP A	897.60	LOOP A INLET TEMP(2)	554.97
RC TOTAL FLOW	138.58	SECONDARY LOOP B	897.68	LOOP B INLET TEMP(1)	555.74
FEEDWATER FLOW LOOP A	5.2857			LOOP B INLET TEMP(2)	555.57
FEEDWATER FLOW LOOP B	5.4862			FEEDWATER (LOOP A)	462.90
LETDOWN FLOW	.32575E-01			FEEDWATER (LOOP B)	462.90
				REACTOR OUTLET (LOOP A)	608.67
				REACTOR OUTLET (LOOP B)	608.45
				STEAM TEMP (LOOP A)	598.94
				STEAM TEMP (LOOP B)	591.49

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		14.50*					
C					130.70*		101.67*		[illegible]		99.50*				
D				99.70*		10.00*		98.30*		11.00*		99.90*			
E			99.70*		48.93*		101.00*		98.70*		99.00*		93.60*		
F		14.40*		10.30*		99.70*		99.40*		99.70*		10.00*		14.30*	
G			99.60*		99.70*		99.70*		99.8[illegible]*		99.70*		99.70*		
H		99.40*		99.10*		99.40*		13.20*		99.40*		99.00*		99.70*	
K			99.40*		99.70*		101.00*		99.70*		99.60*		99.70*		
L		14.30*		11.10*		99.60*		99.70*		99.70*		11.00*		13.20*	
M			99.5[illegible]*		47.30*		98.40*		98.80*		99.00*		99.70*		
N				99.40*		11.00*		99.00*		11.10*		101.00*			
O					99.70*		97.90*		99.60*		99.70*				
P						11.70*		99.70*		14.20*					
Q															

SPMDEG

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							491.38*	561.82*							
							519.77*	716.99*							
							557.19*	767.77*							
							639.99*	781.58*							
							685.40*	794.72*							
							522.27*	781.59*							
							298.93*	356.42*							
C						491.83*			486.83*	499.98*			227.98*		
						547.11*			741.47*	553.92*			311.46*		
						566.24*			789.[illegible]*	608.00*			344.15*		
						633.8[illegible]*			881.26*	718.76*			377.41*		
						698.61*			911.91*	786.73*			371.14*		
						639.6[illegible]*			826.93*	818.21*			327.55*		
						283.9[illegible]*			479.71*	327.56*			189.84*		
D				496.16*						578.49*				288.28*	
				548.95*						676.38*				270.78*	
				644.39*						518.88*				381.68*	
				796.35*						924.86*				338.74*	
				813.54*						898.83*				332.71*	
				781.23*						637.79*				278.84*	
				485.37*						453.92*				133.27*	
E				459.27*			842.98*		631.37*		579.01*				
				615.31*			863.14*		854.93*		728.87*				
				679.28*			989.95*		937.56*		795.28*				
				826.98*			974.99*		*1023.79*		985.22*				
				819.48*			977.24*		981.25*		927.67*				
				786.88*			958.05*		984.88*		825.28*				
				374.25*			496.57*		545.89*		271.55*				
F			485.27*				591.47*	685.69*				587.[illegible]2*	476.17*		
			523.59*				744.52*	938.47*				462.34*	543.22*		
			566.57*				937.90*	1088.58*				498.62*	599.12*		
			612.49*				883.27*	1037.28*				817.75*	478.46*		
			641.66*				925.94*	987.97*				988.15*	784.78*		
			591.23*				749.38*	934.94*				834.88*	638.58*		
			331.58*				494.74*	511.56*				438.91*	356.47*		
G		479.93*			632.98*	567.48*			679.05*		661.62*		622.53*		
		579.47*			854.59*	746.16*			867.36*		848.91*		752.38*		
		629.39*			865.19*	834.16*			915.23*		918.62*		772.31*		
		682.99*			*1087.38*	903.54*			965.73*		*1024.80*		869.61*		
		693.47*			946.88*	948.44*			955.76*		*1030.80*		877.83*		
		518.51*			845.38*	812.36*			846.89*		940.87*		767.95*		
		364.59*			546.65*	469.52*			545.66*		584.25*		584.11*		
H	362.49*				576.61*			689.87*	621.95*				541.24*		
	486.29*				771.72*			594.75*	778.69*				732.83*		
	688.63*				837.81*			891.03*	821.74*				785.23*		
	598.10*				993.99*			993.08*	814.86*				838.87*		
	911.97*				949.91*			982.78*	823.88*				883.26*		
	484.78*				869.65*			933.64*	786.35*				734.84*		
	298.71*				362.95*			389.79*	626.34*				424.27*		
I					614.04*						841.28*	533.94*			
					892.83*						836.24*	685.87*			
					926.82*						925.34*	728.84*			
					1028.08						*1021.68*	871.14*			
					1045.28						*1017.20*	871.29*			
					967.69*						876.56*	761.78*			
					594.07*						627.76*	411.68*			
						664.58*					551.68*		658.82*		
											[illegible]		546.33*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
T			599.40*				937.99*	1088.98*				490.62*	599.12*		
			661.66*				803.22*	1337.28*				917.75*	678.60*		
			591.22*				925.94*	907.97*				900.16*	788.78*		
			831.96*				749.35*	934.98*				534.88*	638.58*		
							438.74*	511.56*				438.91*	356.67*		
S		419.91*			632.48*	567.60*		679.9*		641.62*					
		379.67*			454.39*	766.16*		867.36*		860.91*		622.33*			
		420.35*			845.17*	934.18*		915.73*		410.62*		762.18*			
		462.55*			1007.38*	903.54*		965.73*		1024.88*		772.31*			
		653.67*			946.98*	956.48*		955.74*		1030.80*		669.61*			
		518.91*			835.30*	812.36*		846.89*		940.07*		877.03*			
		354.59*			546.46*	460.52*		545.64*		508.25*		767.95*			
												388.11*			
R	862.80*				574.61*		449.87*	621.95*							
	464.29*				771.72*		954.75*	778.64*				541.24*			
	490.63*				837.81*		591.08*	820.74*				732.83*			
	805.24*				933.89*		993.98*	816.06*				785.23*			
	518.57*				549.91*		502.78*	823.08*				836.87*			
	436.70*				859.65*		533.86*	736.35*				883.24*			
	238.71*				362.95*		389.79*	426.36*				734.64*			
												434.27*			
E					618.94*					641.20*	531.46*				
					892.03*					436.57*	686.57*				
					926.32*					925.34*	728.94*				
					1028.88*					1081.48*	871.14*				
					1045.28*					1017.20*	871.29*				
					947.49*					976.36*	761.78*				
					596.87*					627.78*	411.66*				
L		452.29*	501.35*			661.50*					551.60*		458.32*		
		347.87*	514.5*			644.44*					672.35*		644.33*		
		355.44*	602.31*			934.54*					768.47*		598.24*		
		379.29*	683.49*			983.39*					803.22*		716.34*		
		361.37*	676.21*			978.56*					894.74*		645.64*		
		335.80*	621.26*			892.76*					537.75*		651.10*		
		189.53*	308.71*			457.74*					625.94*		398.41*		
H			478.96*				626.44*		658.24*	540.62*				328.12*	
			629.78*				847.31*		855.84*	642.69*				388.42*	
			665.63*				944.28*		908.18*	783.16*				413.20*	
			743.46*				1028.78*		11.7.7*	927.93*				455.41*	
			759.47*				993.53*		1009.78*	848.35*				436.23*	
			604.62*				952.37*		928.88*	684.68*				392.83*	
			368.76*				599.49*		462.38*	391.61*				187.72*	
N				449.15*			628.17*	542.27*							
				642.68*			874.11*	647.06*							
				727.32*			589.78*	718.64*							
				836.91*			1025.78*	854.97*							
				815.82*			1022.78*	857.18*							
				747.67*			889.76*	764.83*							
				372.64*			315.34*	378.74*							
O					499.78*	431.12*				498.21*		342.83*			
					608.47*	558.59*				558.58*		467.67*			
					645.57*	577.91*				596.55*		515.66*			
					774.21*	738.48*				738.66*		585.84*			
					778.94*	686.35*				688.61*		559.89*			
					848.27*	506.23*				617.89*		498.06*			
					368.11*	326.97*				332.14*		383.37*			
P						359.14*									
						353.31*									
						337.84*									
						384.68*									
						386.56*									
						348.65*									
						196.17*									
A							307.75*			235.86*					
							397.48*			259.96*					
							415.81*			273.76*					
							428.42*			292.62*					
							441.82*			296.16*					
							488.46*			253.22*					
							238.13*			148.64*					

CASE 12

TMI-1 CY-1

YEAR 75 MONTH 01 DAY 02 HOUR 15 MINUTE 30 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2515.1	4055.0	983.00

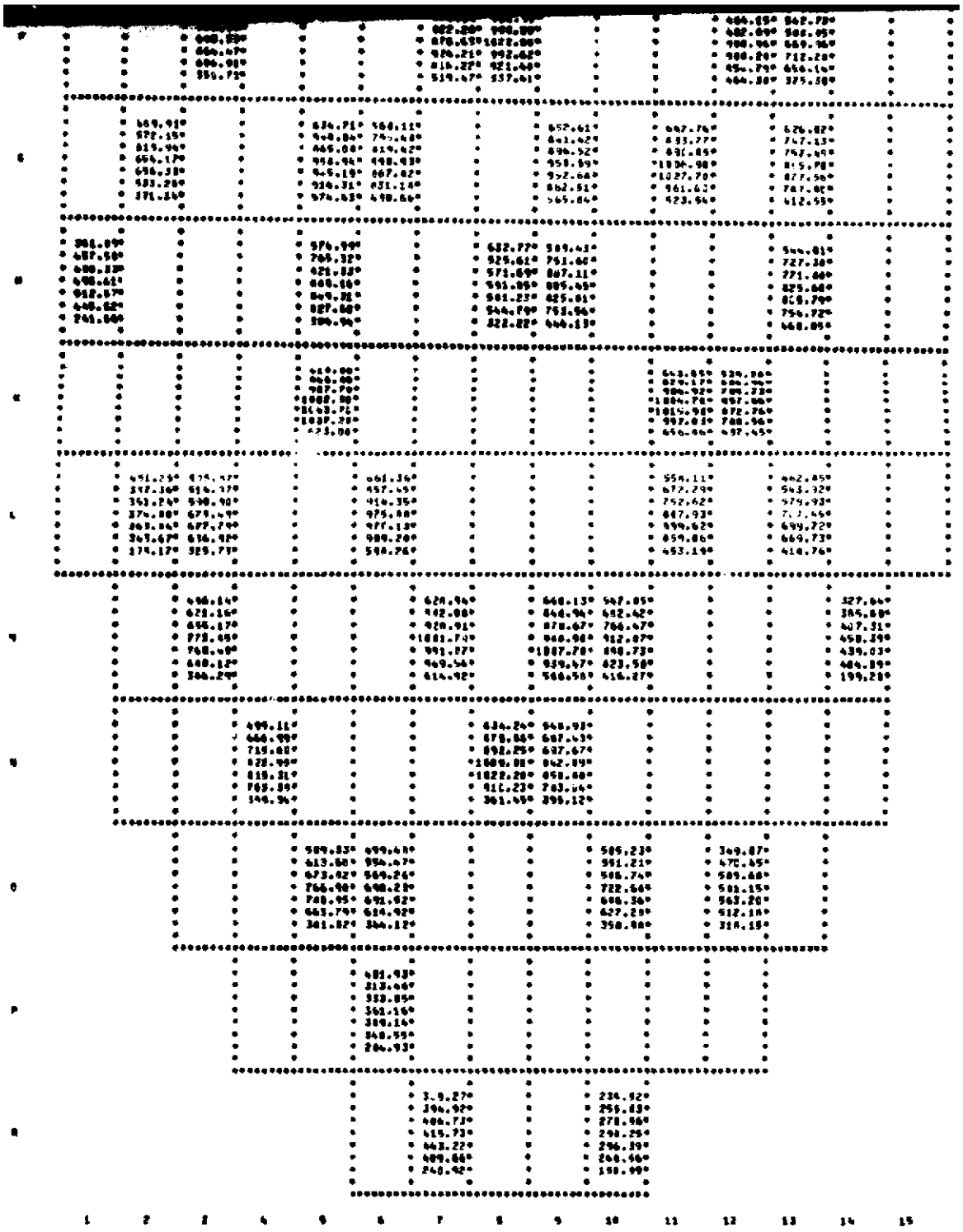
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.519	CORE OUTLET	2157.8	LOOP A INLET TEMP(1)	555.88
RC FLOW LOOP B	60.970	SECONDARY LOOP A	898.30	LOOP A INLET TEMP(2)	554.24
RC TOTAL FLOW	130.31	SECONDARY LOOP B	898.30	LOOP B INLET TEMP(1)	555.23
FEEDWATER FLOW LOOP A	5.2052			LOOP B INLET TEMP(2)	555.88
FEEDWATER FLOW LOOP B	5.4015			FEEDWATER (LOOP A)	462.56
LETDOWN FLOW	.33279E-01			FEEDWATER (LOOP B)	462.56
				REACTOR OUTLET (LOOP A)	608.18
				REACTOR OUTLET (LOOP B)	599.99
				STEAM TEMP (LOOP A)	598.25
				STEAM TEMP (LOOP B)	598.07

P006

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.28°		99.78°		13.36°					
C					124.03°		161.30°		98.6[illegible]		99.40°				
D				99.90°		11.13°		89.88°		11.88°		99.90°			
E			99.78°		99.58°		101.88°		96.70°		98.19°		93.50°		
F		14.30°		12.30°		99.76°		99.86°		[illegible]		11.83°		13.20°	
G			99.[illegible]°		99.70°		93.70°		93.85°		90.70°		96.78°		
H		99.88°		99.18°		99.88°		8.97°		99.98°		90.[illegible]°		96.70°	
K			99.80°		99.70°		101.88°		99.78°		94.66°		99.78°		
L		13.28°		11.18°		93.80°		99.70°		99.70°		11.88°		12.2[illegible]°	
M			99.40°		97.80°		98.78°		98.88°		90.18°		99.78°		
N				99.88°		11.88°		98.18°		12.28°		101.80°			
O					99.78°		97.40°		99.47°		99.78°				
P						11.93°		99.70°		12.18°					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							682.88*	948.78*							
							584.87*	789.79*							
							578.92*	734.44*							
							629.71*	770.95*							
							637.13*	747.38*							
							541.89*	716.68*							
							387.87*	574.11*							
C					499.79*			618.82*	494.49*				232.43*		
					548.77*			743.99*	553.38*				313.30*		
					556.92*			754.19*	590.61*				348.70*		
					629.37*			869.17*	711.11*				373.53*		
					782.93*			914.12*	718.23*				375.91*		
					625.35*			848.76*	635.96*				337.59*		
					512.14*			582.33*	365.32*				281.71*		
D				433.68*					367.46*					283.52*	
				590.41*					472.55*					271.54*	
				638.88*					496.41*					297.92*	
				743.94*					597.66*					335.97*	
				836.55*					698.69*					335.58*	
				719.43*					656.70*					287.41*	
				429.22*					478.89*					142.18*	
E				589.22*			646.14*		631.84*		58[illegible].5*				
				617.43*			847.27*		846.79*		722.55*				
				688.04*			898.75*		931.12*		776.69*				
				814.14*			968.46*		1016.71*		888.41*				
				821.48*			975.98*		979.81*		926.67*				
				723.02*			978.14*		922.24*		845.88*				
				394.46*			492.44*		548.11*		295.81*				
F			498.29*				574.47*	672.69*				597.76*	481.78*		
			622.69*				778.86*	912.99*				664.15*	542.73*		
			946.95*				822.26*	988.08*				462.01*	588.05*		
			893.75*				878.63*	1022.08*				488.94*	665.96*		
			646.67*				926.21*	992.62*				989.24*	712.28*		
			698.91*				816.22*	921.68*				854.79*	656.14*		
			350.71*				519.47*	537.41*				464.38*	375.38*		
G		499.91*			634.71*	968.11*			852.61*		642.76*		626.82*		
		572.15*			648.84*	755.48*			841.42*		831.77*		747.13*		
		619.94*			868.88*	819.62*			894.52*		890.65*		757.49*		
		654.17*			958.94*	898.93*			958.89*		1086.98*		855.78*		
		658.38*			945.17*	867.87*			942.44*		*1027.70*		877.56*		
		631.24*			814.31*	831.14*			862.51*		981.03*		787.80*		
		371.36*			574.63*	498.66*			565.84*		523.54*		412.55*		
H	361.89*				574.99*			632.77*	569.45*				544.01*		
	487.94*				749.32*			726.61*	751.40*				727.38*		
	488.33*				871.33*			571.89*	867.11*				771.88*		
	598.61*				898.18*			991.85*	889.49*				825.60*		
	618.97*				849.82*			881.23*	879.81*				819.79*		
	448.92*				827.04*			944.79*	768.94*				788.72*		
	341.84*				380.98*			382.22*	444.18*				448.84*		
I					410.00*						943.85*	339.20*			
					448.88*						474.17*	686.96*			
					987.79*						906.92*	789.73*			
					1082.30						*1096.78*	987.06*			
					1148.71						*1015.98*	872.78*			
					1037.29						947.83*	788.96*			
					428.08*						656.86*	437.65*			
J		498.29*	549.87*			641.36*					568.11*		442.86*		
		[illegible]	524.97*			957.49*					672.29*		543.92*		
		[illegible]	[illegible]			984.38*					752.62*		579.98*		
						[illegible]					847.93*		717.48*		
											[illegible]		899.72*		



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CASE 13

TMI-1 CY-1

YEAR 75 MONTH 02 DAY 07 HOUR 09 MINUTE 50 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2548.9	5082.8	918.80

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.887	CORE OUTLET	2164.9	LOOP A INLET TEMP(1)	556.25
RC FLOW LOOP B	66.865	SECONDARY LOOP A	897.88	LOOP A INLET TEMP(2)	554.91
RC TOTAL FLOW	136.92	SECONDARY LOOP B	897.88	LOOP B INLET TEMP(1)	555.50
FEEDWATER FLOW LOOP A	5.2428			LOOP B INLET TEMP(2)	555.39
FEEDWATER FLOW LOOP B	5.3848			FEEDWATER (LOOP A)	462.53
LETDOWN FLOW	.31396E-01			FEEDWATER (LOOP B)	462.53
				REACTOR OUTLET (LOOP A)	608.79
				REACTOR OUTLET (LOOP B)	608.49
				STEAM TEMP (LOOP A)	590.66
				STEAM TEMP (LOOP B)	591.88

POCK

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		13.40*					
C					102.00*		101.00*		98.90*		101.00*				
D				99.70*		7.80*		98.20*		8.40*		99.90*			
E			99.70*		99.00*		101.05*		98.70*		98.20*		90.00*		
F		13.30*		8.70*		99.70*		99.60*		99.70*		4.91*		13.20*	
G			99.60*		98.70*		98.70*		98.80*		99.70*		98.70*		
H		99.90*		98.20*		99.80*		11.10*		99.90*		98.10*		98.60*	
I			102.00*		99.70*		99.70*		101.00*		98.70*		98.70*		
L		13.20*		7.90*		99.90*		99.70*		99.90*		4.90*		13.20*	
M			99.60*		91.00*		98.90*		99.60*		98.10*		99.70*		
N				99.60*		9.00*		99.00*		8.90*		101.00*			
O				98.70*		97.90*		99.50*		98.70*					
P						13.00*		99.70*		13.10*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							493.89*	544.49*							
							619.86*	716.43*							
							596.84*	784.88*							
							628.88*	759.32*							
							624.43*	786.10*							
							545.48*	711.24*							
							327.79*	391.94*							
C					542.85*			612.68*	497.86*			241.96*			
					594.54*			750.78*	584.65*			324.97*			
					586.44*			773.49*	641.89*			354.79*			
					634.38*			846.43*	718.67*			384.36*			
					649.69*			892.58*	699.52*			373.76*			
					619.87*			848.58*	643.72*			342.15*			
					328.69*			530.97*	368.26*			224.78*			
D				496.36*					574.64*				211.36*		
				618.78*					675.79*				285.27*		
				688.37*					769.21*				312.39*		
				765.91*					896.48*				342.18*		
				788.16*					864.96*				336.75*		
				789.86*					863.42*				292.21*		
				430.89*					523.91*				153.87*		
E			513.54*			645.46*		625.72*		542.83*					
			635.52*			648.46*		846.88*		726.24*					
			788.48*			699.34*		914.56*		815.56*					
			817.48*			931.87*		975.86*		872.68*					
			779.31*			933.75*		938.73*		845.82*					
			718.84*			851.18*		912.68*		831.17*					
			481.63*			510.11*		543.28*		329.79*					
F			496.81*				586.81*	687.87*				589.39*	687.14*		
			541.68*				778.63*	980.09*				471.27*	566.88*		
			594.87*				823.29*	970.35*				552.42*	638.87*		
			698.36*				849.62*	988.63*				845.25*	677.16*		
			649.29*				802.19*	940.79*				872.38*	702.41*		
			682.37*				799.65*	889.66*				438.81*	659.83*		
			364.31*				627.99*	541.12*				481.67*	389.77*		
G		981.32*			435.22*	571.43*			671.80*		642.42*		628.98*		
		589.15*			463.21*	786.31*			945.6.*		430.55*		756.73*		
		836.82*			964.88*	921.79*			853.28*		898.82*		763.24*		
		698.63*			955.92*	846.76*			989.70*		376.82*		442.37*		
		848.64*			495.68*	826.11*			9.1.77*		981.12*		846.99*		
		524.69*			476.72*	411.51*			836.47*		438.47*		776.57*		
		383.66*			579.77*	495.69*			575.67*		518.43*		431.8*		
H	369.76*				541.43*			674.86*	619.31*				556.38*		
	461.69*				767.76*			941.41*	788.72*				739.92*		
	483.18*				828.65*			578.97*	883.61*				786.76*		
	491.07*				462.78*			571.04*	787.42*				819.27*		
	4 .0.0*				884.29*			968.38*	797.67*				705.01*		
	487.64*				797.29*			938.80*	766.61*				792.99*		
	844.00*				379.88*			328.68*	693.66*				478.99*		
I					849.34*						442.44*	519.81*			
					848.54*						828.86*	594.86*			
					846.48*						899.89*	732.91*			
					978.88*						978.63*	847.29*			
					787.36*						869.13*	842.61*			
					968.00*						872.34*	786.22*			
					619.72*						849.85*	483.26*			
J		486.78*	518.01*			860.57*					550.67*		471.24*		
		368.38*	538.49*			854.36*					670.97*		863.68*		
						816.18*					782.92*		621.83*		
											[illegible]		719.27*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				681.29*	970.38*				592.42*	686.87*		
			690.94*				840.42*	988.43*				686.25*	677.16*		
			649.29*				882.15*	946.74*				672.36*	702.41*		
			612.32*				799.65*	883.66*				438.61*	659.83*		
			346.31*				527.95*	941.12*				401.47*	389.77*		
G		581.32*			635.22*	571.43*		671.80*		642.47*		628.99*			
		909.16*			843.21*	766.31*		845.6.*		838.55*		756.73*			
		616.32*			964.83*	921.79*		848.28*		898.82*		783.26*			
		658.63*			955.92*	868.76*		989.78*		376.82*		642.37*			
		648.94*			895.68*	826.11*		9.1.77*		941.12*		446.99*			
		529.69*			476.72*	511.51*		836.47*		338.87*		776.57*			
		883.66*			575.77*	495.49*		570.67*		518.43*		431.04*			
H	389.76*				581.98*		674.05*	619.31*				559.38*			
	483.69*				767.76*		541.41*	768.72*				739.92*			
	483.12*				828.69*		578.57*	888.61*				786.76*			
	481.97*				862.76*		571.04*	787.82*				619.37*			
	496.68*				884.85*		562.36*	797.47*				785.81*			
	437.44*				787.89*		530.88*	746.83*				793.89*			
	246.88*				379.05*		323.46*	653.46*				470.59*			
K					619.36*					863.68*	539.81*				
					843.74*					828.96*	694.84*				
					914.82*					909.98*	732.91*				
					978.83*					974.68*	867.29*				
					987.36*					969.13*	942.61*				
					942.48*					972.34*	766.22*				
					616.72*					669.05*	453.26*				
L		461.78*	518.41*			686.57*				556.67*		471.26*			
		848.78*	538.89*			854.36*				679.97*		543.40*			
		366.47*	627.16*			916.12*				782.92*		641.03*			
		376.98*	673.51*			943.44*				874.15*		716.22*			
		856.59*	663.51*			922.55*				859.79*		691.79*			
		896.41*	628.69*			853.88*				847.78*		675.66*			
		179.69*	328.96*			694.95*				472.36*		436.87*			
M			466.75*				635.29*		662.64*	548.80*				339.74*	
			642.57*				884.82*		840.38*	697.08*				421.83*	
			692.81*				938.12*		881.81*	796.47*				425.47*	
			788.68*				967.96*		952.56*	895.43*				455.69*	
			731.42*				936.33*		952.60*	864.53*				434.18*	
			696.37*				928.43*		981.85*	802.75*				485.52*	
			383.59*				683.89*		511.89*	438.42*				211.16*	
N			513.62*				649.88*	556.39*							
			640.38*				879.98*	695.82*							
			758.96*				983.27*	732.30*							
			828.64*				985.76*	836.42*							
			748.12*				976.16*	824.78*							
			739.91*				877.68*	768.93*							
			379.47*				358.79*	481.87*							
O				515.64*	526.42*					517.56*		363.27*			
				644.28*	587.76*					574.84*		492.78*			
				789.21*	612.24*					632.84*		548.25*			
				766.88*	696.62*					733.13*		594.45*			
				751.95*	674.13*					648.88*		568.55*			
				636.88*	688.31*					638.35*		512.38*			
				377.25*	349.13*					361.28*		331.84*			
P						435.91*									
						346.75*									
						392.34*									
						366.98*									
						387.26*									
						348.39*									
						212.79*									
R							392.66*			248.82*					
							418.72*			271.27*					
							414.43*			293.32*					
							412.73*			294.63*					
							432.26*			295.38*					
							431.39*			263.84*					
							248.48*			157.18*					

CASE 14

TMI-1 CY-1

YEAR 75 MONTH 02 DAY 14 HOUR 18 MINUTE 04 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2521.4	5296.8	696.80

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.307	CORE OUTLET	2162.9	LOOP A INLET TEMP(1)	555.39
RC FLOW LOOP B	68.058	SECONDARY LOOP A	698.28	LOOP A INLET TEMP(2)	554.16
RC TOTAL FLOW	137.23	SECONDARY LOOP B	698.28	LOOP B INLET TEMP(1)	554.75
FEEDWATER FLOW LOOP A	5.2984			LOOP B INLET TEMP(2)	554.61
FEEDWATER FLOW LOOP B	5.4458			FEEDWATER (LOOP A)	462.53
LETDOWN FLOW	.35378E-01			FEEDWATER (LOOP B)	462.53
				REACTOR OUTLET (LOOP A)	599.99
				REACTOR OUTLET (LOOP B)	599.73
				STEAM TEMP (LOOP A)	589.58
				STEAM TEMP (LOOP B)	589.98

RODW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.10*		99.70*		14.20*					
C					100.00*		100.00*		96.70*		102.00*				
D				99.90*		5.91*		91.40*		5.76*		99.90*			
E			99.59*		98.60*		101.00*		98.70*		92.20*		99.10*		
F		15.10*		6.93*		99.50*		99.70*		99.60*		5.76*		14.50*	
G			98.50*		150.00*		99.50*		98.40*		99.60*		98.50*		
H		[illegible]		96.90*		99.50*		13.00*		99.60*		98.00*		99.00*	
K			138.00*		99.20*		99.50*		100.00*		98.40*		98.50*		
L		16.40*		5.92*		99.60*		99.00*		99.40*		5.88*		15.10*	
M			101.40*		99.30*		98.60*		98.80*		91.00*		99.00*		
N				99.00*		5.50*		98.10*		5.54*		100.00*			
O					99.40*		97.70*		98.90*		98.50*				
P						16.90*		99.50*		15.10*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							474.98*	523.87*							
							597.09*	789.87*							
							686.63*	747.34*							
							632.04*	760.09*							
							622.09*	775.95*							
							548.15*	711.36*							
							334.95*	398.37*							
C						467.53*			577.91*	461.48*			231.31*		
						558.25*			741.22*	568.48*			322.76*		
						623.22*			794.85*	678.69*			369.99*		
						642.36*			870.01*	725.28*			384.78*		
						604.74*			886.36*	696.56*			373.56*		
						621.27*			842.15*	646.58*			343.61*		
						336.65*			541.05*	379.78*			281.91*		
D					455.68*					585.35*				202.58*	
					636.46*					468.77*				284.54*	
					728.16*					698.15*				328.66*	
					793.38*					888.87*				345.43*	
					774.68*					856.32*				336.93*	
					713.29*					842.91*				293.66*	
					441.78*					515.11*				157.98*	
E				471.65*			683.07*		589.17*		534.38*				
				625.76*			829.38*		829.44*		711.28*				
				749.35*			917.16*		932.84*		848.94*				
				825.53*			930.49*		972.55*		873.97*				
				796.99*			926.56*		928.41*		873.56*				
				714.72*			852.52*		899.24*		828.8*				
				414.45*			522.61*		592.88*		367.44*				
F			462.2*				558.04*	656.71*			514.84*		453.48*		
			538.53*				761.77*	889.77*			463.97*		558.56*		
			629.92*				825.53*	969.08*			721.34*		664.95*		
			698.16*				848.72*	972.84*			884.88*		682.42*		
			648.36*				873.88*	928.83*			864.89*		699.46*		
			488.31*				881.62*	877.35*			838.38*		661.75*		
			376.7**				537.94*	549.38*			493.59*		347.77*		
G		681.89*			594.16*	644.58*			644.75*		681.95*		512.98*		
		584.68*			822.46*	748.81*			838.17*		817.83*		7.8.18*		
		644.68*			879.55*	826.93*			879.99*		915.45*		816.75*		
		656.16*			954.87*	864.84*			901.84*		971.65*		842.87*		
		661.78*			898.88*	828.35*			891.19*		967.37*		839.38*		
		537.78*			841.69*	816.66*			815.68*		937.43*		777.4*		
		395.83*			593.81*	506.21*			578.88*		519.76*		442.67*		
H	354.14*				558.51*			655.46*	599.14*				523.83*		
	459.67*				751.63*			534.46*	757.31*				736.42*		
	488.53*				829.92*			569.82*	848.77*				799.78*		
	494.35*				862.38*			566.45*	783.44*				828.48*		
	496.68*				888.78*			559.26*	791.26*				784.94*		
	463.62*				888.82*			582.98*	749.82*				756.84*		
	296.99*				488.72*			338.41*	448.82*				481.68*		
K					588.18*						682.48*	999.41*			
					826.42*						869.81*	842.11*			
					882.98*						925.98*	783.21*			
					970.18*						975.66*	849.89*			
					983.68*						956.18*	839.19*			
					905.98*						971.78*	786.91*			
					652.28*						642.81*	467.88*			
		648.23*	678.23*			627.13*					511.69*		439.38*		
		851.12*	826.69*			839.76*					669.72*		568.82*		
		[illegible]	[illegible]			980.84*					816.74*		656.91*		
											875.61*		728.31*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			699.60*				829.63*	869.08*				721.34*	664.95*		
			640.38*				846.72*	872.64*				934.80*	682.62*		
			480.31*				873.48*	920.69*				944.89*	659.46*		
			375.79*				881.62*	877.35*				838.38*	661.75*		
							537.94*	549.36*				633.59*	337.77*		
G		481.89*			594.16*	544.55*			646.75*		681.95*		592.98*		
		578.68*			827.84*	748.41*			838.17*		812.80*		748.18*		
		648.68*			879.55*	826.93*			879.99*		915.65*		806.76*		
		656.16*			954.87*	866.84*			901.84*		971.61*		842.37*		
		641.78*			954.88*	828.35*			891.19*		967.97*		839.38*		
		537.72*			881.69*	816.66*			835.68*		937.42*		777.45*		
		395.63*			593.41*	586.21*			578.88*		519.74*		642.67*		
H	356.14*				558.51*		655.00*	599.14*					623.43*		
	459.67*				751.63*		534.05*	757.31*					734.62*		
	488.53*				829.82*		569.82*	889.77*					799.78*		
	496.33*				862.38*		566.45*	788.68*					828.48*		
	446.60*				888.78*		589.26*	791.26*					788.94*		
	443.63*				488.82*		532.96*	749.82*					756.84*		
	254.50*				480.72*		336.41*	461.63*					491.50*		
K					883.18*						492.49*	588.63*			
					924.42*						889.31*	642.11*			
					932.99*						925.98*	763.21*			
					978.13*						975.44*	845.09*			
					983.64*						958.35*	837.19*			
					955.99*						971.78*	766.91*			
					652.21*						682.81*	467.08*			
L		663.22*	476.23*		907.12*						511.61*		639.38*		
		851.12*	526.54*		815.74*						665.72*		568.42*		
		375.75*	663.33*		910.46*						811.74*		652.41*		
		381.09*	641.87*		943.66*						875.61*		722.31*		
		359.28*	664.44*		921.71*						850.85*		689.77*		
		345.72*	644.31*		887.12*						849.20*		678.42*		
		198.67*	356.69*		533.67*						485.93*		445.11*		
M			663.53*				594.91*		621.81*	585.53*				325.64*	
			637.16*				863.88*		838.18*	672.32*				482.36*	
			722.68*				954.13*		934.52*	820.67*				[illegible]*	
			791.34*				967.20*		949.98*	897.94*				459.98*	
			737.41*				933.11*		944.47*	838.97*				432.79*	
			650.96*				943.27*		907.59*	846.16*				467.31*	
			419.97*				634.11*		529.86*	445.41*				216.81*	
N				428.81*				687.68*	516.66*						
				688.23*				861.98*	647.28*						
				774.28*				919.63*	765.46*						
				851.28*				987.37*	848.98*						
				792.86*				872.35*	828.46*						
				770.45*				849.68*	764.21*						
				426.92*				385.95*	618.51*						
O					488.43*	498.71*			442.04*		344.58*				
					642.83*	583.81*			571.28*		489.81*				
					738.81*	646.46*			678.36*		556.77*				
					779.23*	784.64*			741.44*		688.91*				
					757.74*	679.82*			693.36*		568.85*				
					866.83*	623.38*			637.57*		515.85*				
					411.55*	375.99*			371.52*		337.39*				
P						418.35*									
						391.64*									
						382.87*									
						371.39*									
						398.27*									
						388.68*									
						224.19*									
Q							321.68*			248.66*					
							416.98*			273.88*					
							419.11*			241.78*					
							415.51*			297.84*					
							433.67*			296.26*					
							488.07*			266.58*					
							257.68*			161.33*					

CASE 15

TMI-1 CY-1

YEAR 75 MONTH 03 DAY 03 HOUR 11 MINUTE 48 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2495.3	5727.0	888.80

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.645	CORE OUTLET	2161.4	LOOP A INLET TEMP(1)	556.08
RC FLOW LOOP B	68.462	SECONDARY LOOP A	899.80	LOOP A INLET TEMP(2)	554.59
RC TOTAL FLOW	137.19	SECONDARY LOOP B	899.88	LOOP B INLET TEMP(1)	555.51
FEEDWATER FLOW LOOP A	5.1888			LOOP B INLET TEMP(2)	555.33
FEEDWATER FLOW LOOP B	5.3745			FEEDWATER (LOOP A)	468.93
LETDOWN FLOW	.28319E-01			FEEDWATER (LOOP B)	468.93
				REACTOR OUTLET (LOOP A)	608.19
				REACTOR OUTLET (LOOP B)	599.89
				STEAM TEMP (LOOP A)	598.85
				STEAM TEMP (LOOP B)	598.94

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		13.40*					
C					100.00*		101.00*		99.90*		101.00*				
D				99.70*		9.99*		90.10*		8.91*		99.90*			
E			99.80*		91.10*		101.00*		99.70*		99.80*		99.70*		
F		14.300		9.870		99.400		99.400		99.800		8.91*		13.20*	
G			99.70*		99.70*		98.70*		98.80*		99.70*		98.70*		
H		99.80*		98.20*		99.80*		11.10*		99.80*		98.1[illegible]*		98.60*	
K			99.90*		99.70*		99.90*		101.00*		98.70*		98.70*		
L		13.20*		9.08*		99.90*		99.70*		99.70*		9.90*		13.20*	
M			99.90*		98.90*		98.[illegible]*		98.80*		98.10*		99.70*		
N				99.90*		9.99*		98.10*		10.10*		101.00*			
O					99.70*		97.90*		99.50*		97.70*				
P						14.40*		99.70*		14.20*					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							494.91*	547.97*							
							602.15*	711.38*							
							605.32*	714.35*							
							613.29*	733.54*							
							[illegible]4.89*	764.65*							
							[illegible]3.78*	711.78*							
							345.45*	427.92*							
C						311.69*			628.24*	589.26*			249.61*		
						558.37*			746.93*	569.31*			324.38*		
						575.14*			749.99*	631.24*			356.93*		
						614.41*			837.93*	696.90*			372.32*		
						675.88*			872.13*	686.08*			368.78*		
						626.85*			848.54*	645.01*			341.84*		
						349.58*			546.85*	376.68*			235.12*		
D					587.36*					583.91*				217.88*	
					617.79*					475.33*				284.86*	
					562.64*					518.85*				308.57*	
					759.28*					657.12*				334.91*	
					762.45*					636.25*				333.02*	
					720.38*					638.71*				293.47*	
					471.47*					584.79*				159.33*	
E				525.64*			645.61*		629.83*		591.09*				
				639.65*			553.18*		627.34*		728.95*				
				489.99*			461.64*		675.57*		732.76*				
				742.31*			648.22*		929.77*		830.47*				
				768.69*			906.69*		838.16*		849.88*				
				721.12*			857.67*		898.32*		612.81*				
				434.16*			536.71*		569.81*		293.67*				
F			546.56*				5[illegible]6.84*	681.76*				604.81*	499.13*		
			547.05*				764.65*	885.28*				478.75*	567.55*		
			542.21*				788.67*	925.43*				513.59*	616.15*		
			672.36*				813.39*	933.24*				845.36*	657.52*		
			639.39*				853.35*	906.68*				862.57*	684.25*		
			615.67*				888.38*	871.92*				825.97*	659.18*		
			391.95*				547.95*	597.14*				482.49*	397.28*		
G		587.56*			634.83*	569.76*			685.68*		643.43*		635.71*		
		598.38*			825.41*	749.43*			822.99*		812.70*		751.12*		
		624.42*			825.53*	791.26*			844.63*		859.59*		759.53*		
		635.41*			918.74*	832.32*			864.75*		928.54*		886.71*		
		684.16*			961.54*	897.41*			8[illegible]4.12*		943.25*		822.[illegible]1*		
		566.82*			440.42*	818.67*			827.[illegible]*		325.56*		774.27*		
		499.44*			689.44*	518.93*			541.86*		515.10*		447.46*		
H	372.09*				591.18*			663.12*	812.36*				554.17*		
	489.39*				751.79*			876.28*	751.10*				734.32*		
	471.19*				746.08*			958.38*	773.88*				762.32*		
	479.40*				829.73*			944.81*	757.77*				788.88*		
	498.10*				762.03*			947.92*	776.64*				784.18*		
	447.47*				807.18*			928.32*	748.96*				754.46*		
	368.89*				618.29*			884.6[illegible]*	667.89*				498.98*		
I					628.29*						643.93*	546.10*			
					628.26*						812.14*	689.41*			
					878.07*						809.67*	787.13*			
					928.97*						936.11*	813.03*			
					962.64*						936.73*	818.18*			
					909.48*						964.73*	761.07*			
					668.18*						682.66*	478.43*			
J						648.38*					562.26*		483.81*		
						836.09*					632.96*		560.11*		
						804.38*					752.73*		687.29*		
											836.88*		697.47*		
											[illegible]		688.97*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
S															
N															
R															
L															
M															
N															
O															
P															
Q															

CASE 16

TMI-1 CY-1

YEAR 75 MONTH 03 DAY 07 HOUR 13 MINUTE 16 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2532.0	5939.0	858.00

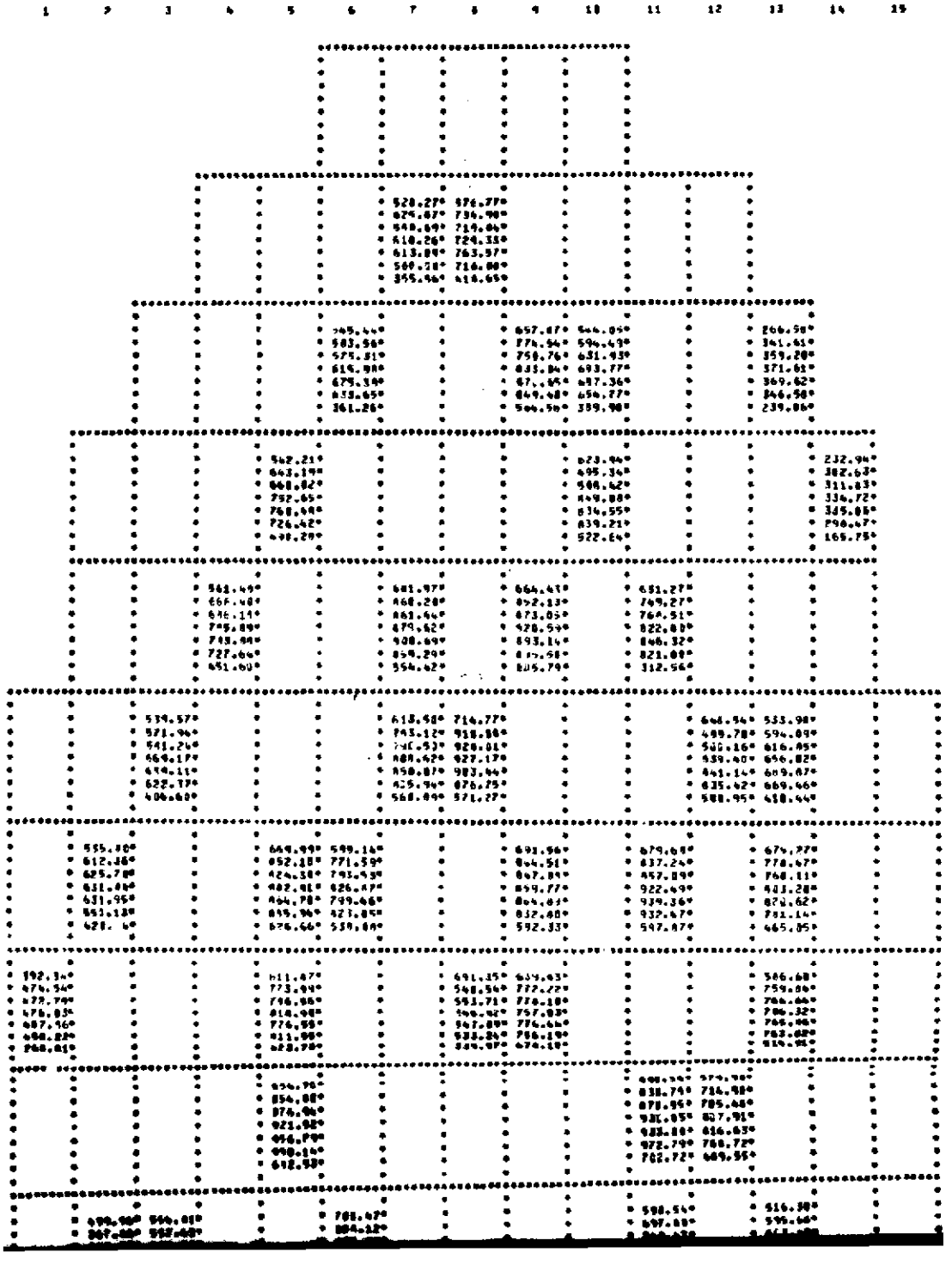
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.222	CORE OUTLET	2165.3	LOOP A INLET TEMP(1)	557.81
RC FLOW LOOP B	67.962	SECONDARY LOOP A	900.30	LOOP A INLET TEMP(2)	555.46
RC TOTAL FLOW	137.02	SECONDARY LOOP B	900.30	LOOP B INLET TEMP(1)	556.18
FEEDWATER FLOW LOOP A	5.2696			LOOP B INLET TEMP(2)	556.21
FEEDWATER FLOW LOOP B	5.4394			FEEDWATER (LOOP A)	461.99
LETDOWN FLOW	.28238E-01			FEEDWATER (LOOP B)	461.99
				REACTOR OUTLET (LOOP A)	601.76
				REACTOR OUTLET (LOOP B)	601.31
				STEAM TEMP (LOOP A)	591.20
				STEAM TEMP (LOOP B)	592.04

FORM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		13.40*					
C					108.80*		131.03*		98.40*		101.00*				
D				99.71*		9.99*		90.10*		11.43*		99.90*			
E			99.70*		91.10*		101.80*		99.73*		98.10*		86.00*		
F		14.30*		9.94*		99.70*		99.40*		99.70*		10.00*		14.30*	
G			99.60*		99.70*		98.73*		99.73*		99.70*		98.70*		
H		99.80*		91.20*		99.90*		11.10*		99.70*		92.21*		98.70*	
I			99.90*		99.70*		99.70*		101.80*		98.60*		98.70*		
J		17.20*		10.10*		93.00*		99.60*		99.70*		9.99*		13.20*	
K			99.8*		90.30*		98.7*		99.6*		92.30*		99.70*		
L				99.70*		9.99*		98.10*		11.10*		101.80*			
M					99.70*		97.90*		93.50*		98.60*				
N						14.70*		99.60*		14.30*					
O															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHERIC



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]			[illegible]	[illegible]				[illegible]	[illegible]			
			809.17*			400.42*	927.17*				539.68*	696.02*			
			899.21*			858.87*	983.44*				841.14*	609.67*			
			622.37*			815.94*	876.75*				835.42*	689.46*			
			404.60*			568.99*	571.27*				588.95*	418.44*			
G		935.49*			669.99*	599.16*		691.56*		679.69*		675.77*			
		612.36*			452.18*	771.59*		844.51*		837.24*		778.47*			
		875.78*			424.38*	793.53*		947.45*		897.89*		768.11*			
		831.84*			982.91*	426.47*		859.77*		922.43*		403.28*			
		831.95*			464.78*	799.46*		864.84*		939.36*		824.62*			
		997.18*			895.94*	423.85*		837.88*		932.47*		781.14*			
		423.54*			626.64*	539.88*		592.33*		597.47*		465.85*			
H	302.34*			611.87*			691.35*	639.81*				586.68*			
	474.94*			773.99*			546.54*	772.22*				759.84*			
	472.79*			746.94*			593.71*	770.18*				764.64*			
	476.83*			818.98*			546.42*	757.83*				786.32*			
	487.86*			776.85*			567.89*	776.66*				765.96*			
	458.22*			811.85*			533.24*	756.19*				763.82*			
	284.81*			423.78*			339.97*	474.18*				516.91*			
K					856.94*						688.56*	579.98*			
					896.88*						858.79*	736.94*			
					876.94*						870.95*	785.46*			
					921.52*						935.45*	827.91*			
					956.79*						933.88*	816.63*			
					998.14*						972.73*	766.72*			
					642.53*						702.72*	689.59*			
L		439.96*	556.41*			730.47*					518.54*		516.38*		
		367.46*	537.55*			457.12*					697.83*		534.68*		
		361.57*	639.4*			474.27*					749.63*		647.45*		
		367.52*	658.81*			534.67*					810.36*		593.78*		
		396.14*	667.61*			595.73*					827.64*		642.84*		
		357.97*	657.16*			847.64*					852.53*		640.96*		
		283.66*	348.64*			557.42*					503.34*		404.70*		
M			518.69*				670.88*		698.66*	548.78*				371.37*	
			676.15*				846.55*		851.74*	703.54*				423.46*	
			642.13*				847.67*		839.43*	760.04*				428.53*	
			760.38*				914.44*		897.53*	458.84*				443.75*	
			728.56*				846.73*		916.54*	816.29*				424.79*	
			698.17*				942.94*		915.71*	484.68*				412.95*	
			645.99*				841.14*		569.37*	468.88*				228.48*	
N				557.58*				647.08*	597.64*						
				718.67*				892.46*	718.93*						
				735.68*				878.71*	707.80*						
				791.19*				936.35*	739.73*						
				777.14*				947.76*	8.1.82*						
				741.44*				892.38*	772.21*						
				494.58*				483.88*	439.28*						
O					579.98*	570.64*				563.53*		397.86*			
					674.44*	613.92*				605.48*		519.04*			
					643.38*	599.85*				617.38*		537.15*			
					739.57*	672.47*				713.05*		541.11*			
					744.31*	669.21*				674.23*		554.92*			
					677.97*	633.68*				658.47*		521.18*			
					476.59*	394.75*				347.92*		376.77*			
P						466.87*									
						361.54*									
						590.28*									
						368.45*									
						399.41*									
						366.97*									
						236.66*									
R							352.93*			267.96*					
							629.29*			286.42*					
							4.6.46*			282.48*					
							488.76*			298.55*					
							427.51*			295.75*					
							412.98*			273.11*					
							278.13*			178.47*					

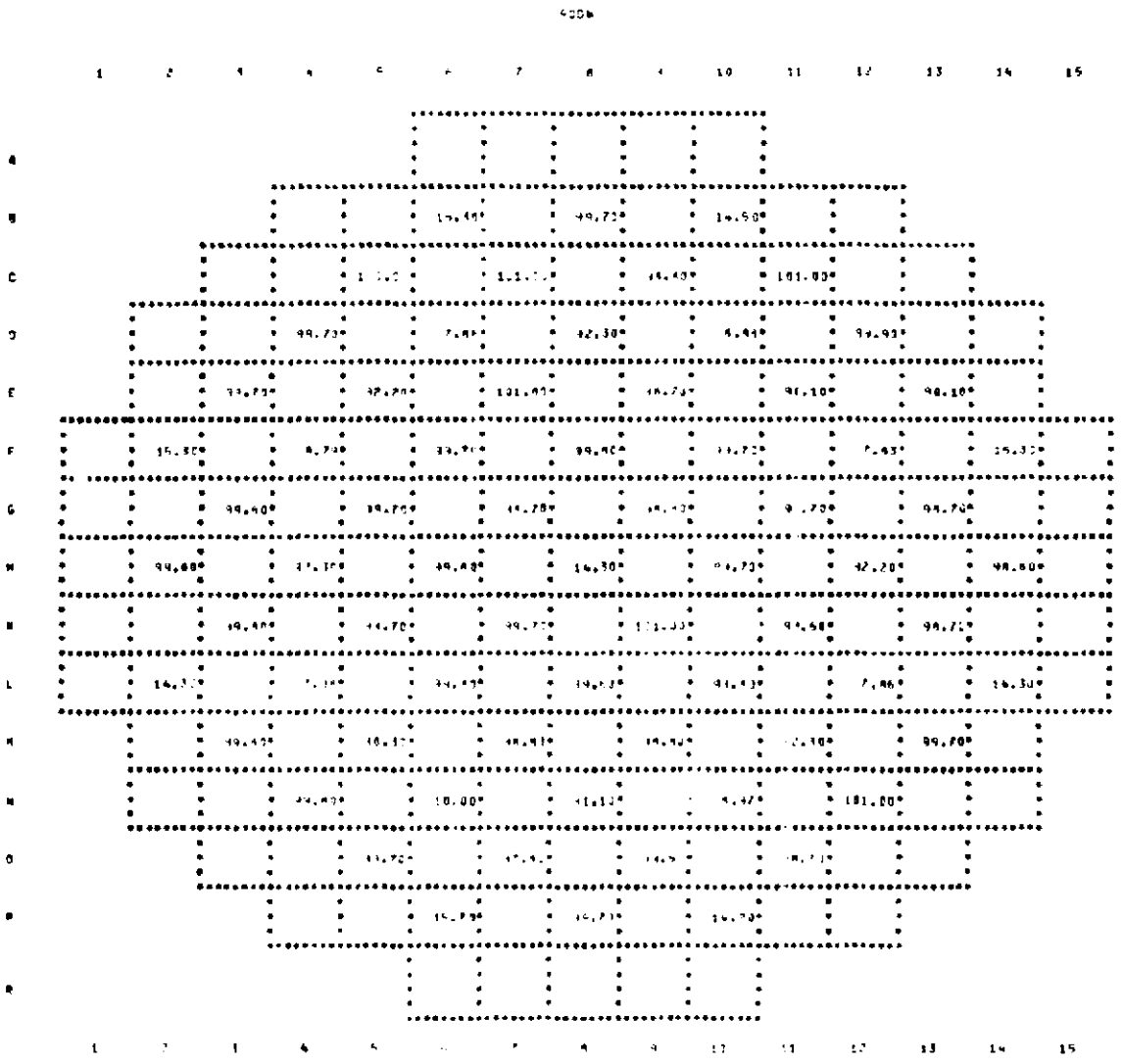
CASE 17

TMI-1 CY-1

YEAR 75 MONTH 03 DAY 17 HOUR 09 MINUTE 14 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2515.7	6154.8	824.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.222	CORE OUTLET	2168.9	LOOP A INLET TEMP(1)	556.61
RC FLOW LOOP B	68.254	SECONDARY LOOP A	896.40	LOOP A INLET TEMP(2)	555.24
RC TOTAL FLOW	137.66	SECONDARY LOOP B	896.40	LOOP B INLET TEMP(1)	556.33
FEEDWATER FLOW LOOP A	5.2592			LOOP B INLET TEMP(2)	556.19
FEEDWATER FLOW LOOP B	5.4017			FEEDWATER (LOOP A)	461.99
LETDOWN FLOW	.28362E-01			FEEDWATER (LOOP B)	461.99
				REACTOR OUTLET (LOOP A)	601.15
				REACTOR OUTLET (LOOP B)	601.01
				STEAM TEMP (LOOP A)	591.81
				STEAM TEMP (LOOP B)	591.98



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							527.32*	579.21*							
							691.55*	736.95*							
							594.72*	722.71*							
							688.28*	723.90*							
							687.20*	745.65*							
							568.93*	715.53*							
							363.49*	429.26*							
C						534.42*			648.08*	533.47*			264.43*		
						588.63*			774.38*	595.79*			343.59*		
						591.33*			761.91*	653.10*			365.80*		
						615.43*			829.31*	696.17*			372.64*		
						667.20*			859.66*	685.16*			367.48*		
						432.38*			849.61*	641.87*			347.76*		
						369.90*			576.65*	431.79*			239.38*		
D					526.85*					599.26*				731.78*	
					648.87*					690.86*				585.84*	
					690.93*					551.32*				318.73*	
					752.78*					846.65*				325.68*	
					751.15*					821.96*				333.25*	
					726.48*					837.12*				299.93*	
					587.68*					533.91*				178.62*	
E				546.28*			678.59*		652.28*		610.42*				
				663.29*			854.96*		845.45*		742.31*				
				727.62*			864.54*		879.47*		746.17*				
				785.68*			878.92*		949.53*		817.57*				
				773.01*			886.49*		877.92*		830.05*				
				726.94*			857.7[illegible]*		891.58*		818.12*				
				482.43*			566.96*		614.76*		528.28*				
F			526.89*				611.44*	714.37*				628.44*	522.42*		
			574.67*				742.33*	818.17*				486.49*	597.08*		
			599.52*				798.89*	925.38*				568.73*	636.33*		
			678.12*				798.74*	913.74*				635.84*	656.32*		
			632.51*				837.24*	888.26*				829.38*	683.72*		
			622.94*				882.73*	872.65*				833.09*	671.88*		
			412.71*				567.78*	588.38*				511.31*	418.17*		
G		513.48*			658.59*	597.[illegible]*			697.34*		666.44*		663.95*		
		617.99*			846.49*	771.55*			851.19*		830.87*		778.88*		
		631.47*			838.83*	795.62*			843.23*		862.59*		772.48*		
		629.19*			853.55*	815.83*			844.76*		912.2[illegible]*		798.53*		
		624.54*			850.26*	789.04*			850.29*		923.0*		809.77*		
		549.82*			841.98*	819.37*			829.43*		928.74*		779.43*		
		427.15*			637.22*	558.52*			598.95*		607.42*		476.99*		
H	392.69*				485.24*			709.36*	654.39*				560.83*		
	677.51*				769.43*			858.27*	765.49*				759.3*		
	676.57*				748.38*			851.55*	774.[illegible]*				769.77*		
	673.81*				589.72*			835.81*	748.82*				788.64*		
	682.37*				762.72*			838.55*	764.89*				755.66*		
	649.18*				886.68*			838.47*	758.54*				762.18*		
	272.39*				483.18*			343.28*	483.48*				526.29*		
K					843.81*						667.79*	544.81*			
					849.68*						833.12*	718.65*			
					843.48*						878.77*	719.88*			
					913.87*						921.51*	802.62*			
					948.93*						917.55*	804.74*			
					985.85*						968.83*	766.15*			
					498.76*						713.19*	581.52*			
L		498.22*	544.86*			690.83*					581.04*		586.38*		
		373.94*	859.73*			883.20*					631.61*		598.57*		
		349.52*	628.99*			879.12*					765.88*		626.95*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			874.18*				798.74*	913.74*				564.73*	686.18*		
			832.91*				837.26*	889.24*				835.88*	656.32*		
			622.94*				802.73*	872.45*				824.38*	683.72*		
			412.71*				567.70*	588.34*				833.89*	671.88*		
												511.31*	414.17*		
G		573.80*			658.49*	597.20*		697.34*		666.44*		663.95*			
		617.99*			646.49*	771.55*		851.19*		838.07*		774.00*			
		651.47*			838.53*	793.42*		843.23*		862.59*		772.40*			
		629.19*			833.55*	815.83*		845.76*		912.22*		798.53*			
		624.54*			850.78*	789.88*		558.29*		923.84*		889.77*			
		549.82*			841.98*	819.37*		829.49*		928.74*		779.93*			
		427.15*			637.22*	534.52*		548.95*		807.42*		675.94*			
H	382.49*				685.24*		789.36*	658.89*				588.83*			
	477.51*				769.83*		556.27*	765.69*				759.14*			
	476.57*				788.39*		551.55*	776.[illegible]*				769.77*			
	473.81*				889.72*		535.81*	746.82*				788.64*			
	482.37*				762.72*		538.55*	764.09*				755.66*			
	449.18*				886.85*		538.47*	734.54*				762.18*			
	272.39*				443.10*		343.28*	483.48*				526.25*			
K					648.81*					667.29*	566.01*				
					849.64*					833.12*	718.85*				
					883.90*					874.77*	719.88*				
					913.87*					921.51*	802.62*				
					948.93*					917.55*	886.74*				
					985.35*					964.43*	766.15*				
					638.7[illegible]*					713.19*	581.52*				
L		438.22*	546.84*			490.01*				481.04*		566.18*			
		373.94*	509.[illegible]*			453.2[illegible]*				441.41*		534.67*			
		369.52*	628.34*			474.13*				765.86*		626.35*			
		364.17*	550.34*			446.38*				424.61*		635.46*			
		354.10*	656.71*			883.[illegible]*				812.74*		675.74*			
		353.58*	655.99*			591.86*				549.31*		642.55*			
		207.73*	345.64*			562.67*				515.47*		473.83*			
M			528.95*				624.76*		666.17*	571.94*				369.13*	
			673.46*				838.17*		847.24*	897.08*				428.84*	
			697.14*				906.84*		840.63*	775.21*				427.96*	
			798.43*				9[illegible]6.06*		856.54*	843.49*				446.38*	
			715.01*				838.61*		848.61*	482.64*				425.97*	
			698.36*				836.35*		888.98*	481.78*				416.03*	
			468.98*				664.32*		559.62*	472.21*				233.83*	
N				546.59*			572.11*	594.25*							
				716.64*			887.84*	715.32*							
				749.63*			876.46*	723.57*							
				749.87*			931.20*	795.47*							
				767.29*			933.16*	798.52*							
				777.23*			898.17*	769.43*							
				458.59*			426.67*	651.24*							
O					569.54*	559.63*			552.48*		393.23*				
					677.97*	616.64*			688.11*		528.34*				
					704.49*	614.18*			637.96*		545.81*				
					738.86*	673.15*			712.73*		541.36*				
					735.84*	667.13*			667.94*		550.52*				
					674.86*	632.36*			648.79*		528.27*				
					661.24*	484.95*			394.76*		488.72*				
P						445.14*									
						369.12*									
						366.8*									
						361.35*									
						347.17*									
						367.21*									
						248.44*									
Q							353.51*		260.63*						
							433.46*		292.13*						
							489.27*		286.44*						
							394.6[illegible]*		290.03*						
							428.47*		294.35*						
							411.59*		273.62*						
							278.74*		173.54*						

CASE 18

TMI-1 CY-1

YEAR 75 MONTH 03 DAY 27 HOUR 16 MINUTE 57 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2585.9	6549.0	801.8E

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.786	CORE OUTLET	2161.8	LOOP A INLET TEMP(1)	557.81
RC FLOW LOOP B	66.831	SECONDARY LOOP A	898.38	LOOP A INLET TEMP(2)	555.71
RC TOTAL FLOW	135.98	SECONDARY LOOP B	898.38	LOOP B INLET TEMP(1)	557.44
FEEDWATER FLOW LOOP A	5.2615			LOOP B INLET TEMP(2)	557.78
FEEDWATER FLOW LOOP B	5.3817			FEEDWATER (LOOP A)	459.31
LETDOWN FLOW	.27658E-01			FEEDWATER (LOOP B)	459.31
				REACTOR OUTLET (LOOP A)	601.51
				REACTOR OUTLET (LOOP B)	601.31
				STEAM TEMP (LOOP A)	591.63
				STEAM TEMP (LOOP B)	591.42

MODE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						12.70*		99.60*		12.70*					
C					100.00*		101.00*		99.40*		101.00*				
D				99.70*		19.90*		98.10*		11.50*		99.90*			
E			99.70*		91.10*		101.00*		99.70*		92.30*		85.50*		
F		19.70*		10.40*		99.70*		99.80*		99.70*		11.10*		12.20*	
G			99.60*		99.70*		98.70*		98.83*		99.70*		98.70*		
H		99.60*		90.20*		99.90*		11.10*		99.70*		90.10*		98.70*	
K			99.60*		99.70*		99.70*		101.00*		98.60*		98.70*		
L		17.20*		11.20*		99.90*		99.70*		99.70*		11.10*		12.20*	
M			99.90*		98.70*		98.40*		98.6.*		90.10*		99.70*		
N				99.40*		9.99*		98.10*		11.10*		101.00*			
O					99.70*		97.90*		99.60*		98.60*				
P						12.10*		99.70*		12.10*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							534.97*	543.26*							
							624.17*	729.53*							
							544.66*	706.53*							
							688.27*	712.88*							
							686.99*	753.45*							
							561.67*	712.11*							
							365.85*	474.88*							
C						564.14*			671.94*	568.19*			279.39*		
						591.42*			775.85*	549.76*			351.33*		
						567.66*			736.72*	624.92*			368.60*		
						618.47*			818.94*	641.75*			368.48*		
						669.49*			851.47*	682.69*			368.41*		
						696.73*			846.52*	664.22*			351.37*		
						371.75*			576.45*	406.93*			228.96*		
D					566.58*					646.33*				242.34*	
					656.93*					704.28*				309.23*	
					649.87*					697.67*				311.92*	
					731.27*					721.51*				332.69*	
					742.04*					713.57*				335.89*	
					714.67*					713.56*				383.92*	
					457.79*					539.76*				176.52*	
E				596.92*			722.73*		696.66*		656.44*				
				648.51*			866.39*		853.91*		761.95*				
				674.15*			834.39*		846.59*		747.11*				
				753.63*			843.68*		882.18*		791.99*				
				765.79*			872.67*		803.43*		818.84*				
				737.41*			845.80*		840.05*		814.54*				
				465.41*			553.75*		611.68*		389.42*				
F			559.99*				632.14*	732.18*				676.18*	558.22*		
			574.94*				748.95*	889.86*				697.79*	599.38*		
			576.05*				771.94*	966.36*				663.1[illegible]*	6[illegible]9.35*		
			656.76*				760.05*	892.95*				711.27*	644.93*		
			574.52*				675.66*	873.95*				818.79*	681.83*		
			619.73*				732.97*	858.63*				824.7[illegible]*	673.82*		
			487.96*				564.20*	573.75*				515.29*	421.45*		
G		548.14*			690.35*	617.89*			706.28*		698.71*		688.32*		
		695.81*			656.73*	775.95*			843.64*		936.64*		776.12*		
		617.26*			500.4[illegible]*	775.52*			827.69*		824.55*		745.44*		
		614.43*			466.97*	759.19*			827.94*		887.07*		780.33*		
		628.19*			837.5[illegible]*	774.66*			836.93*		987.56*		8[illegible].44*		
		547.51*			847.18*	594.79*			823.22*		915.05*		771.49*		
		425.47*			617.54*	530.90*			595.50*		598.47*		470.01*		
H	185.69*				450.25*		781.43*		651.07*				597.17*		
	484.26*				775.27*		548.66*		776.28*				759.34*		
	466.46*				746.47*		541.39*		761.19*				748.53*		
	465.[illegible]*				744.23*		533.28*		735.67*				764.07*		
	478.2[illegible]*				763.79*		682.69*		755.67*				748.28*		
	646.62*				736.09*		426.21*		749.46*				766.72*		
	271.86*				468.58*		341.45*		679.99*				513.08*		
K					674.94*						699.54*	597.49*			
					868.28*						842.16*	720.17*			
					851.76*						840.92*	687.44*			
					847.37*						896.85*	780.57*			
					928.79*						931.27*	793.77*			
					971.46*						952.27*	793.77*			
					677.34*						691.67*	683.13*			
		581.09*	560.49*			719.78*					614.41*		530.38*		
		263.49*	515.69*			459.77*					285.64*		481.49*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				771.94*	914.26*				[illegible]	[illegible]		
			894.78*				790.85*	892.96*				443.10*	649.95*		
			679.62*				425.66*	873.95*				411.22*	644.43*		
			619.73*				732.47*	450.63*				614.79*	681.83*		
			487.46*				559.28*	573.75*				826.70*	673.92*		
												515.24*	421.45*		
S		548.14*			698.35*	617.09*			706.58*		698.71*		448.32*		
		695.31*			436.73*	775.95*			643.66*		836.49*		776.12*		
		617.16*			488.46*	774.52*			427.41*		825.55*		745.46*		
		614.43*			965.97*	757.89*			827.94*		847.07*		760.85*		
		620.19*			837.57*	779.66*			814.93*		487.55*		8[illegible].39*		
		547.21*			857.18*	884.79*			623.22*		915.05*		771.40*		
		425.47*			817.54*	538.90*			595.54*		538.42*		670.61*		
M	193.69*				658.25*			781.63*	651.87*				597.17*		
	468.26*				779.27*			540.06*	774.20*				759.30*		
	466.46*				765.87*			541.39*	761.19*				748.33*		
	465.43*				749.23*			536.28*	735.67*				764.87*		
	478.27*				750.79*			532.83*	755.67*				749.29*		
	446.82*				736.89*			926.21*	749.48*				759.72*		
	771.86*				618.12*			341.41*	673.94*				513.88*		
K					674.94*						849.34*	547.63*			
					868.28*						842.18*	729.17*			
					841.76*						848.67*	687.44*			
					847.37*						896.85*	784.57*			
					923.39*						881.27*	793.97*			
					871.46*						842.27*	793.77*			
					677.26*						891.67*	483.19*			
L		501.35*	548.45*			714.79*					614.91*		438.38*		
		853.45*	549.43*			853.77*					754.6[illegible]		801.43*		
		362.02*	599.87*			847.55*					727.52*		949.02*		
		362.75*	635.45*			859.53*					808.84*		681.20*		
		355.18*	678.17*			865.11*					790.67*		676.75*		
		384.93*	656.71*			867.42*					537.00*		688.11*		
		218.68*	346.45*			556.72*					695.25*		465.46*		
M			556.66*				698.98*		717.44*	608.15*				377.44*	
			646.36*				497.11*		851.93*	711.63*				423.95*	
			672.02*				472.25*		815.14*	737.12*				417.66*	
			741.89*				877.62*		868.52*	816.55*				436.68*	
			708.40*				874.11*		863.25*	788.51*				424.48*	
			647.43*				921.47*		882.36*	745.43*				412.97*	
			652.48*				695.07*		541.72*	451.46*				234.82*	
N				579.48*				698.38*	615.58*						
				730.56*				892.18*	723.67*						
				725.55*				846.47*	809.49*						
				768.7[illegible]*				985.15*	778.97*						
				759.54*				917.36*	777.60*						
				778.66*				878.32*	752.37*						
				461.13*				585.13*	43[illegible].11*						
O					546.31*	585.26*				572.36*		413.57*			
					643.28*	616.62*				688.82*		528.89*			
					643.51*	598.62*				687.45*		533.18*			
					719.84*	696.72*				694.97*		589.65*			
					724.14*	657.37*				663.32*		547.32*			
					673.47*	628.21*				644.46*		514.94*			
					642.41*	484.45*				386.58*		450.33*			
P						473.24*									
						862.49*									
						347.58*									
						396.07*									
						386.68*									
						366.41*									
						268.68*									
R							353.59*			267.48*					
							422.11*			241.16*					
							481.14*			291.53*					
							396.46*			256.19*					
							422.69*			296.86*					
							410.22*			273.93*					
							276.49*			174.18*					

CASE 19

TMI-1 CY-1

YEAR 75 MONTH 04 DAY 08 HOUR 09 MINUTE 23 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2523.7	6759.0	785.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.893	CORE OUTLET	2164.1	LOOP A INLET TEMP(1)	556.65
RC FLOW LOOP B	67.880	SECONDARY LOOP A	982.20	LOOP A INLET TEMP(2)	555.33
RC TOTAL FLOW	136.60	SECONDARY LOOP B	982.20	LOOP B INLET TEMP(1)	556.75
FEEDWATER FLOW LOOP A	5.3092			LOOP B INLET TEMP(2)	556.68
FEEDWATER FLOW LOOP B	5.3182			FEEDWATER (LOOP A)	460.59
LETDOWN FLOW	.32685E-01			FEEDWATER (LOOP B)	460.59
				REACTOR OUTLET (LOOP A)	601.46
				REACTOR OUTLET (LOOP B)	601.24
				STEAM TEMP (LOOP A)	591.76
				STEAM TEMP (LOOP B)	590.80

PCSM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						13.20*		99.70*		13.30*					
C					100.80*		101.80*		101.99*		99.80*				
D				99.70*		16.60*		92.30*		11.10*		94.90*			
E			99.70*		97.20*		99.70*		98.70*		92.30*		97.80*		
F		16.30*		11.90*		99.*		101.00*		99.90*		18.00*		13.20*	
G			99.60*		94.70*		99.70*		99.90*		98.70*		98.70*		
H		99.80*		92.30*		99.70*		13.20*		94.70*		92.20*		99.60*	
K			99.80*		101.00*		101.00*		101.3*		98.61*		99.4*		
L		13.20*		18.10*		99.90*		99.70*		99.70*		9.99*		13.20*	
M			99.60*		98.30*		99.70*		99.90*		92.10*		99.70*		
N				99.60*		11.80*		91.10*		11.13*		99.70*			
O					98.73*		97.90*		101.00*		99.70*				
P						13.30*		99.70*		13.10*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							594.34°	651.30°							
							641.39°	744.84°							
							592.24°	701.14°							
							592.54°	761.61°							
							681.54°	769.14°							
							572.94°	722.06°							
							389.49°	464.32°							
C						578.90°			699.36°	577.64°			246.15°		
						605.83°			789.88°	612.67°			348.27°		
						566.74°			734.93°	624.13°			359.74°		
						681.78°			808.17°	671.51°			365.11°		
						668.93°			846.57°	676.43°			367.95°		
						645.41°			861.36°	672.65°			357.48°		
						399.12°			607.81°	622.25°			143.14°		
D				574.27°						454.41°				248.92°	
				663.17°						506.61°				314.07°	
				648.10°						433.64°				311.34°	
				721.96°						884.96°				329.31°	
				738.23°						407.15°				333.90°	
				728.29°						465.13°				304.87°	
				514.17°						562.25°				184.21°	
E			593.10°			712.51°			693.46°		664.54°				
			606.91°			670.25°			695.93°		744.22°				
			673.32°			831.18°			838.14°		743.95°				
			754.08°			829.79°			[illegible]		768.33°				
			764.46°			867.32°			856.69°		816.82°				
			792.17°			844.27°			893.59°		825.94°				
			672.30°			547.36°			639.05°		372.87°				
F			546.12°			442.87°	745.91°				685.32°	569.11°			
			595.41°			798.77°	913.37°				581.24°	613.37°			
			574.23°			763.20°	892.56°				486.41°	611.59°			
			459.92°			767.70°	877.64°				799.05°	638.94°			
			676.41°			819.34°	870.05°				813.12°	679.61°			
			670.03°			886.77°	874.73°				461.05°	686.97°			
			479.56°			595.36°	882.07°				535.54°	637.97°			
G		553.09°			630.46°	627.59°			723.03°		788.65°		784.68°		
		515.14°			859.76°	778.31°			851.27°		838.73°		786.85°		
		613.76°			793.55°	764.04°			817.49°		821.97°		743.93°		
		610.07°			851.66°	795.23°			811.47°		873.44°		765.99°		
		616.77°			832.95°	772.46°			831.81°		988.95°		796.16°		
		558.72°			863.18°	823.72°			835.52°		929.61°		786.77°		
		444.72°			647.96°	556.87°			614.70°		623.04°		497.18°		
H	484.21°				639.19°			726.04°	678.84°				612.98°		
	478.63°				777.15°			952.72°	787.23°				770.87°		
	448.84°				797.00°			896.09°	793.17°				748.21°		
	499.30°				778.91°			816.83°	786.07°				798.79°		
	478.17°				748.00°			926.00°	788.46°				748.69°		
	488.97°				830.70°			886.07°	764.46°				772.30°		
	384.60°				640.30°			896.06°	699.76°				844.98°		
K					683.01°						789.04°	699.83°			
					842.00°						844.97°	727.89°			
					846.01°						864.61°	695.02°			
					875.06°						895.18°	778.41°			
					917.82°						896.83°	701.05°			
					945.62°						872.04°	778.25°			
					789.60°						726.61°	510.63°			
		583.63°	548.20°			720.80°					675.21°		547.46°		
		577.10°	575.74°			861.01°					798.22°		617.38°		
		564.01°	598.99°			838.39°					726.78°		600.65°		
						868.03°					790.99°		676.95°		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
J			[illegible]			[illegible]	[illegible]					[illegible]	[illegible]		
			686.83*			767.71*	477.44*					799.85*	638.44*		
			686.83*			810.34*	670.85*					817.12*	679.61*		
			429.56*			886.77*	676.73*					661.05*	686.97*		
						545.56*	682.07*					535.94*	637.97*		
I		553.88*			698.44*	627.64*			723.05*		786.85*		784.48*		
		615.10*			858.76*	788.31*			851.27*		838.73*		786.85*		
		613.76*			793.75*	769.84*			817.49*		821.97*		783.93*		
		[illegible]			851.66*	745.23*			811.47*		873.46*		768.98*		
		[illegible]			832.35*	772.46*			831.81*		888.95*		798.16*		
		458.72*			883.18*	823.77*			835.52*		829.61*		785.77*		
		444.72*			647.96*	594.07*			816.70*		823.84*		697.18*		
H	484.21*				639.19*			726.04*	678.84*				612.92*		
	475.63*				777.16*			553.73*	767.23*				778.87*		
	682.84*				757.48*			535.85*	753.17*				765.21*		
	689.38*				775.51*			519.83*	726.97*				755.78*		
	676.29*				749.32*			529.25*	752.62*				746.69*		
	652.97*				828.64*			535.87*	764.63*				772.35*		
	284.18*				669.72*			394.98*	699.79*				546.48*		
K					842.41*					785.66*	887.83*				
					842.48*					864.57*	787.93*				
					844.91*					844.61*	694.02*				
					871.56*					805.18*	778.41*				
					917.82*					896.84*	791.89*				
					884.42*					872.84*	778.25*				
					784.68*					726.81*	514.63*				
L		521.52*	548.28*			724.39*					629.21*		547.04*		
		377.18*	575.74*			861.81*					709.27*		617.38*		
		361.41*	598.95*			834.37*					724.78*		640.65*		
		359.63*	678.51*			865.57*					791.99*		674.95*		
		334.27*	651.65*			866.59*					736.25*		678.62*		
		361.88*	647.37*			842.74*					852.63*		706.81*		
		228.93*	415.33*			582.48*					529.92*		495.52*		
J			588.99*				697.19*		725.94*	615.71*				392.15*	
			499.62*				899.87*		853.83*	714.84*				436.75*	
			672.11*				864.59*		888.44*	733.17*				417.37*	
			793.79*				863.73*		865.56*	885.29*				422.65*	
			785.66*				869.33*		888.85*	795.52*				424.53*	
			630.57*				948.18*		904.39*	884.53*				422.83*	
			472.52*				849.92*		511.26*	487.48*				248.68*	
I				5 8.15*				784.44*	625.03*						
				737.46*				896.13*	728.87*						
				723.69*				848.81*	694.85*						
				768.38*				893.11*	762.26*						
				795.33*				914.33*	776.98*						
				786.42*				882.84*	773.53*						
				482.64*				458.76*	475.44*						
G					489.04*	597.35*				569.11*		422.21*			
					693.18*	627.21*				818.58*		533.98*			
					642.94*	591.88*				689.11*		531.98*			
					711.63*	698.74*				488.25*		563.97*			
					726.30*	695.40*				663.26*		567.02*			
					668.22*	642.54*				663.28*		525.69*			
					463.98*	426.42*				412.65*		499.42*			
F						484.54*									
						304.11*									
						349.14*									
						353.74*									
						387.62*									
						375.41*									
						252.61*									
E							363.52*			276.23*					
							438.46*			288.38*					
							399.36*			261.82*					
							389.42*			246.91*					
							421.64*			296.51*					
							414.52*			291.43*					
							287.84*			183.74*					

CASE 20

TMI-1 CY-1

YEAR 75 MONTH 04 DAY 21 HOUR 09 MINUTE 50 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2534.7	6968.0	753.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.535	CORE OUTLET	2178.1	LOOP A INLET TEMP(1)	557.55
RC FLOW LOOP B	68.021	SECONDARY LOOP A	986.70	LOOP A INLET TEMP(2)	556.26
RC TOTAL FLOW	136.42	SECONDARY LOOP B	986.70	LOOP B INLET TEMP(1)	556.69
FEEDWATER FLOW LOOP A	5.2855			LOOP B INLET TEMP(2)	556.98
FEEDWATER FLOW LOOP B	5.4180			FEEDWATER (LOOP A)	459.99
LETDOWN FLOW	.29221E-01			FEEDWATER (LOOP B)	459.99
				REACTOR OUTLET (LOOP A)	602.20
				REACTOR OUTLET (LOOP B)	601.84
				STEAM TEMP (LOOP A)	592.80
				STEAM TEMP (LOOP B)	598.11

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.40%		101.80%		14.50%					
C					1[illegible]		98.40%		98.8[illegible]		99.8[illegible]				
D				99.70%		11.00%		98.10%		11.10%		99.90%			
E			99.70%		91.10%		99.70%		98.70%		98.10%		99.20%		
F		14.30%		9.07%		99.80%		99.80%		99.7[illegible]%		10.8[illegible]%		14.30%	
G			99.60%		99.70%		99.70%		99.80%		98.70%		98.70%		
H		99.60%		91.20%		99.80%		15.40%		99.70%		98.10%		99.60%	
I			98.90%		99.70%		101.80%		101.80%		98.60%		98.70%		
L		15.40%		11.20%		101.10%		99.90%		99.80%		11.00%		14.30%	
M			99.90%		98.80%		99.80%		99.60%		91.20%		99.70%		
N				98.40%		9.99%		91.40%		11.10%		99.70%			
O					99.70%		100.00%		99.50%		99.70%				
P						14.60%		99.70%		14.30%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							554.46*	599.56*							
							648.46*	750.38*							
							543.06*	714.73*							
							601.31*	712.14*							
							599.09*	746.18*							
							559.98*	703.73*							
							373.53*	625.58*							
C						576.64*			665.32*	573.47*			267.60*		
						613.86*			796.07*	623.15*			368.71*		
						579.28*			750.10*	639.42*			370.42*		
						614.66*			813.76*	683.75*			373.60*		
						658.54*			842.15*	666.37*			369.02*		
						625.91*			837.74*	653.47*			351.44*		
						372.76*			581.75*	424.34*			288.63*		
D					573.28*					641.62*				751.26*	
					671.66*					513.46*				321.48*	
					670.29*					528.55*				321.93*	
					743.13*					623.62*				336.18*	
					739.69*					684.24*				336.40*	
					713.68*					623.92*				305.59*	
					496.14*					535.68*				179.62*	
E				553.32*			704.19*		645.83*		658.51*				
				697.11*			675.45*		657.49*		771.75*				
				785.99*			847.74*		855.56*		768.49*				
				778.38*			865.83*		877.42*		795.46*				
				789.89*			866.43*		854.25*		817.54*				
				723.63*			858.24*		873.00*		884.92*				
				456.65*			568.82*		611.05*		328.31*				
F			507.91*				642.51*	745.61*				694.71*	57..86*		
			598.77*				801.15*	920.62*				587.46*	638.54*		
			602.20*				774.51*	982.46*				588.22*	629.19*		
			678.54*				742.58*	891.7.*				817.53*	855.46*		
			631.34*				828.75*	873.				813.96*	683.19*		
			628.74*				743.14*	858.64*				826.88*	679.48*		
			417.44*				568.08*	579.65*				515.38*	428.37*		
G		984.1.*			7.2.33*	632.05*			727.11*		788.53*		710.87*		
		639.35*			868.43*	788.13*			866.71*		844.43*		799.69*		
		637.84*			916.49*	788.21*			837.71*		879.22*		764.06*		
		627.97*			874.41*	813.35*			827.39*		894.39*		782.46*		
		6 7.95*			839.43*	779.56*			832.30*		850.45*		797.77*		
		751.52*			872.53*	812.24*			821.54*		916.42*		775.14*		
		432. 6*			626.18*	537.13*			597.40*		601.47*		484.51*		
H	411.18*				644.32*			739.88*	679.86*				616.14*		
	408.35*				785.48*			677.84*	807.64*				782.46*		
	677.86*				778.42*			949.69*	771.61*				764.62*		
	478.89*				793.47*			832.81*	741.93*				773.78*		
	478.58*				766.94*			835.38*	757.44*				751.72*		
	688.87*				798.26*			938.07*	798.17*				769.79*		
	276.81*				622.87*			367.66*	669.74*				534.82*		
I					695.42*						711.81*	611.48*			
					871.37*						861.18*	738.78*			
					867.62*						867.83*	781.94*			
					887.19*						909.87*	792.68*			
					919.91*						903.69*	811.35*			
					978.88*						963.46*	762.50*			
					645.42*						731.83*	588.42*			
J		531.69*	549.21*			738.78*					635.90*		553.67*		
		783.89*	590.63*			872.44*					722.70*		636.49*		
		872.86*	618.97*			859.72*					750.19*		615.75*		
		[illegible]	[illegible]			866.84*					816.83*		697.38*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
V			676.60*				770.01*	878.60*				500.22*	629.19*		
			631.99*				742.38*	891.50*				417.53*	655.64*		
			526.74*				620.75*	873.82*				413.94*	663.14*		
			417.64*				793.44*	850.00*				426.88*	679.60*		
							564.89*	579.67*				515.14*	628.37*		
G		954.5[illegible]			7[illegible].33*	532.09*			727.11*		784.53*		718.87*		
		630.39*			469.63*	788.33*			866.71*		846.41*		799.69*		
		637.84*			816.49*	798.71*			837.71*		839.22*		764.36*		
		637.97*			476.61*	933.19*			827.39*		896.39*		742.96*		
		62[illegible].65*			835.63*	779.56*			832.30*		890.65*		737.77*		
		[illegible]16.59*			872.53*	612.74*			821.54*		934.83*		775.54*		
		432.66*			626.18*	537.39*			597.40*		601.67*		696.51*		
M	411.13*				644.37*		739.88*	679.86*					516.14*		
	688.35*				785.40*		577.89*	607.66*					782.46*		
	477.66*				778.62*		549.69*	771.61*					764.62*		
	478.58*				793.96*		532.81*	741.93*					773.78*		
	478.58*				746.58*		535.38*	757.66*					751.72*		
	469.22*				795.26*		531.67*	758.17*					716.79*		
	276.019				622.87*		367.64*	649.74*					534.8**		
K					648.62*						731.81*	611.[illegible]			
					471.84*						661.10*	738.78*			
					467.62*						647.88*	781.94*			
					897.89*						889.87*	797.68*			
					919.91*						903.64*	861.35*			
					874.88*						943.66*	767.48*			
					645.62*						711.83*	509.42*			
L		531.69*	589.21*			715.78*					659.5[illegible]*		553.67*		
		393.99*	536.41*			477.66*					732.78*		636.[illegible]*		
		372.81*	815.97*			459.72*					754.13*		619.75*		
		966.89*	643.93*			466.84*					916.05*		697.3[illegible]*		
		357.67*	656.03*			654.35*					806.[illegible]*		748.38*		
		859.41*	659.00*			846.59*					949.97*		704.29*		
		215.02*	390.63*			554.74*					520.83*		685.52*		
N			578.68*				639.59*		732.37*	624.94*				401.[illegible]*	
			714.97*				915.86*		871.[illegible]*	774.[illegible]*				453.45*	
			519.89*				846.23*		842.56*	761.97*				482.93*	
			747.29*				491.18*		672.99*	837.25*				464.28*	
			788.38*				879.17*		845.74*	799.84*				477.56*	
			642.68*				931.56*		848.62*	821.49*				424.22*	
			651.[illegible]2*				673.[illegible]7*		578.50*	474.63*				245.02*	
M				589.92*				715.22*	634.11*						
				748.27*				916.67*	748.54*						
				768.48*				870.38*	719.15*						
				788.95*				938.54*	769.57*						
				757.[illegible]3*				927.[illegible]3*	798.26*						
				772.62*				846.34*	764.34*						
				454.78*				423.48*	460.67*						
O					611.38*	684.49*				6[illegible]5.3[illegible]*		438.16*			
					718.12*	645.4[illegible]*				642.36*		543.49*			
					718.84*	621.18*				636.88*		556.74*			
					733.49*	474.86*				719.[illegible]8*		487.83*			
					731.05*	665.95*				678.[illegible]4*		558.29*			
					677.96*	634.78*				862.13*		524.65*			
					449.67*	415.65*				433.77*		519.68*			
P						497.98*									
						381.24*									
						383.49*									
						365.56*									
						393.52*									
						376.10*									
						243.46*									
R							371.98*			24[illegible].37*					
							449.06*			306.53*					
							419.19*			296.93*					
							486.42*			331.66*					
							633.42*			383.05*					
							439.48*			243.95*					
							283.96*			182.39*					

CASE 21

TMI-1 CY-1

YEAR 75 MONTH 04 DAY 28 HOUR 21 MINUTE 45 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2526.2	7199.0	743.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.943	CORE OUTLET	2177.5	LOOP A INLET TEMP(1)	557.11
RC FLOW LOOP B	68.045	SECONDARY LOOP A	907.00	LOOP A INLET TEMP(2)	555.86
RC TOTAL FLOW	136.83	SECONDARY LOOP B	907.00	LOOP B INLET TEMP(1)	556.21
FEEDWATER FLOW LOOP A	5.2906			LOOP B INLET TEMP(2)	556.37
FEEDWATER FLOW LOOP B	5.4238			FEEDWATER (LOOP A)	458.28
LETDOWN FLOW	.30622E-01			FEEDWATER (LOOP B)	458.28
				REACTOR OUTLET (LOOP A)	601.48
				REACTOR OUTLET (LOOP B)	601.17
				STEAM TEMP (LOOP A)	591.63
				STEAM TEMP (LOOP B)	539.77

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						15.40*		101.30*		15.40*					
C					100.40*		98.40*		98.8*		99.4*				
D				99.70*		11.10*		92.30*		11.30*		99.90*			
E			99.70*		92.70*		98.70*		99.60*		92.10*		93.70*		
F		14.30*		10.90*		99.70*		99.80*		99.70*		11.80*		15.30*	
G			99.6*		99.7*		99.70*		99.60*		98.70*		98.70*		
H		99.80*		97.30*		99.40*		15.40*		99.70*		97.20*		99.70*	
I			98.40*		99.70*		101.00*		101.00*		98.60*		99.70*		
L		15.40*		12.2*		101.30*		99.90*		99.70*		11.60*		15.50*	
M			99.40*		91.10*		99.70*		99.40*		92.20*		99.70*		
N				99.60*		11.80*		92.50*		11.10*		99.60*			
O					99.70*		100.00*		99.5*		99.70*				
P						15.40*		99.70*		15.70*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							569.38*	602.11*							
							653.92*	747.61*							
							582.09*	697.76*							
							589.38*	696.94*							
							595.14*	742.71*							
							574.61*	716.38*							
							398.81*	451.47*							
C						587.76*			686.14*	578.92*			291.42*		
						616.18*			731.64*	624.54*			360.62*		
						563.65*			728.81*	621.94*			363.68*		
						597.95*			730.66*	664.91*			366.20*		
						651.51*			832.68*	696.48*			367.88*		
						643.47*			855.30*	667.31*			368.96*		
						398.96*			618.51*	429.74*			222.39*		
D					575.79*					651.53*				255.16*	
					667.65*					589.14*				322.96*	
					649.93*					696.76*				315.82*	
					721.21*					737.81*				332.18*	
					731.18*					792.32*				336.33*	
					728.82*					838.97*				314.66*	
					535.22*					576.44*				192.57*	
E				596.55*			781.57*		678.10*		656.66*				
				691.44*			866.56*		836.41*		759.15*				
				683.54*			815.56*		821.44*		731.99*				
				795.92*			814.42*		849.15*		746.85*				
				761.55*			851.35*		834.21*		793.64*				
				739.75*			866.44*		867.85*		819.57*				
				693.93*			691.81*		848.45*		482.62*				
F			573.24*				654.45*	732.39*				686.56*	575.88*		
			599.92*				788.19*	895.67*				902.28*	633.78*		
			999.71*				749.35*	873.35*				877.87*	613.11*		
			659.21*				754.83*	859.82*				798.73*	639.63*		
			626.99*				847.17*	856.38*				902.65*	677.88*		
			644.89*				836.18*	871.64*				962.59*	696.31*		
			645.18*				597.84*	612.56*				553.93*	654.43*		
G		542.75*			695.68*	623.33*			714.24*		659.83*		711.42*		
		632.52*			849.27*	784.68*			841.74*		873.23*		793.28*		
		622.23*			734.94*	754.95*			804.85*		805.90*		760.46*		
		615.47*			843.63*	775.63*			797.71*		862.73*		766.78*		
		638.68*			822.61*	764.38*			818.16*		881.79*		786.27*		
		567.94*			847.93*	824.68*			832.52*		928.53*		798.73*		
		45[illegible].12*			668.28*	567.46*			625.1[illegible]		531.24*		526.4[illegible]*		
H	414.16*				637.38*			726.82*	606.7[illegible]*				616.49*		
	487.21*				766.56*			573.68*	798.56*				773.78*		
	487.02*				749.74*			526.15*	742.65*				742.92*		
	468.79*				766.57*			513.83*	717.38*				792.12*		
	476.29*				786.38*			524.96*	744.96*				743.18*		
	459.58*				818.02*			537.28*	767.61*				788.76*		
	292.48*				463.88*			363.21*	811.15*				873.18*		
K					878.99*						733.87*	689.88*			
					852.76*						839.72*	728.89*			
					834.08*						834.97*	678.22*			
					865.94*						876.58*	785.54*			
					905.73*						887.19*	789.40*			
					996.91*						975.73*	779.88*			
					784.19*						749.62*	549.69*			

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F							749.88*	573.36*				582.28*	633.70*		
			699.21*				796.83*	849.82*				477.87*	613.11*		
			626.49*				637.17*	850.38*				790.73*	639.63*		
			644.88*				636.18*	871.66*				832.45*	627.84*		
			645.14*				537.84*	612.56*				942.59*	695.11*		
												553.93*	45[illegible].93*		
G		582.75*			695.68*	623.33*			714.24*		659.17*		711.42*		
		632.52*			849.27*	769.68*			841.74*		833.23*		793.28*		
		622.23*			744.36*	758.95*			804.05*		835.95*		740.96*		
		611.47*			643.63*	775.63*			737.71*		862.73*		760.78*		
		818.68*			822.61*	768.38*			818.16*		881.79*		785.77*		
		567.94*			447.43*	424.68*			832.52*		478.53*		748.23*		
		458.12*			668.24*	567.45*			825.11*		531.28*		52[illegible].44*		
E	414.18*				637.38*			726.92*	906.74*				616.49*		
	487.21*				766.45*			573.48*	790.56*				773.78*		
	467.62*				748.78*			828.25*	742.65*				762.52*		
	468.75*				766.57*			518.83*	717.36*				752.12*		
	476.29*				736.38*			526.04*	744.56*				743.18*		
	489.58*				816.82*			537.23*	767.61*				780.70*		
	292.42*				465.33*			363.21*	511.15*				573.18*		
D					678.85*						793.47*	699.80*			
					852.76*						836.72*	728.45*			
					836.46*						836.97*	678.22*			
					869.46*						870.66*	765.56*			
					989.73*						807.19*	780.60*			
					946.91*						975.73*	775.88*			
					736.19*						744.62*	559.69*			
C		537.85*	533.34*			728.65*					630.24*		558.18*		
		6[illegible]2.28*	595.56*			541.45*					70[illegible].66*		639.18*		
		365.28*	539.64*			424.57*					721.[illegible]*		604.71*		
		361.44*	626.34*			839.94*					787.[illegible]*		571.14*		
		357.29*	691.73*			854.25*					731.7[illegible]*		573.40*		
		369.50*	678.56*			887.52*					961.7[illegible]*		714.77*		
		231.72*	424.24*			606.99*					582.05*		512.01*		
B			590.45*				691.67*		723.14*	618.43*				406.72*	
			715.98*				892.91*		848.82*	716.25*				457.42*	
			678.31*				861.64*		888.17*	731.43*				424.39*	
			729.91*				857.92*		840.25*	627.52*				438.49*	
			782.78*				864.84*		860.11*	746.88*				431.31*	
			782.23*				949.88*		913.48*	813.75*				434.22*	
			498.84*				721.04*		611.42*	515.31*				260.87*	
A				542.89*				789.42*	631.54*						
				742.53*				897.42*	735.84*						
				728.89*				846.26*	643.41*						
				759.67*				899.16*	763.07*						
				752.76*				913.20*	779.38*						
				797.46*				962.50*	783.52*						
				518.81*				517.30*	531.98*						
P					615.37*	488.59*				607.36*		433.61*			
					724.64*	646.09*				642.91*		547.93*			
					691.76*	683.84*				619.16*		564.85*			
					714.98*	659.29*				696.71*		574.82*			
					726.75*	660.68*				673.32*		555.39*			
					639.22*	653.71*				678.75*		536.49*			
					486.11*	491.71*				438.69*		579.65*			
						584.46*									
						398.17*									
						357.85*									
						393.78*									
						293.50*									
						384.71*									
						264.94*									
P							375.27*			248.45*					
							458.58*			318.54*					
							419.19*			292.76*					
							338.39*			296.03*					
							432.84*			303.04*					
							438.89*			298.45*					
							388.97*			142.34*					

CASE 22

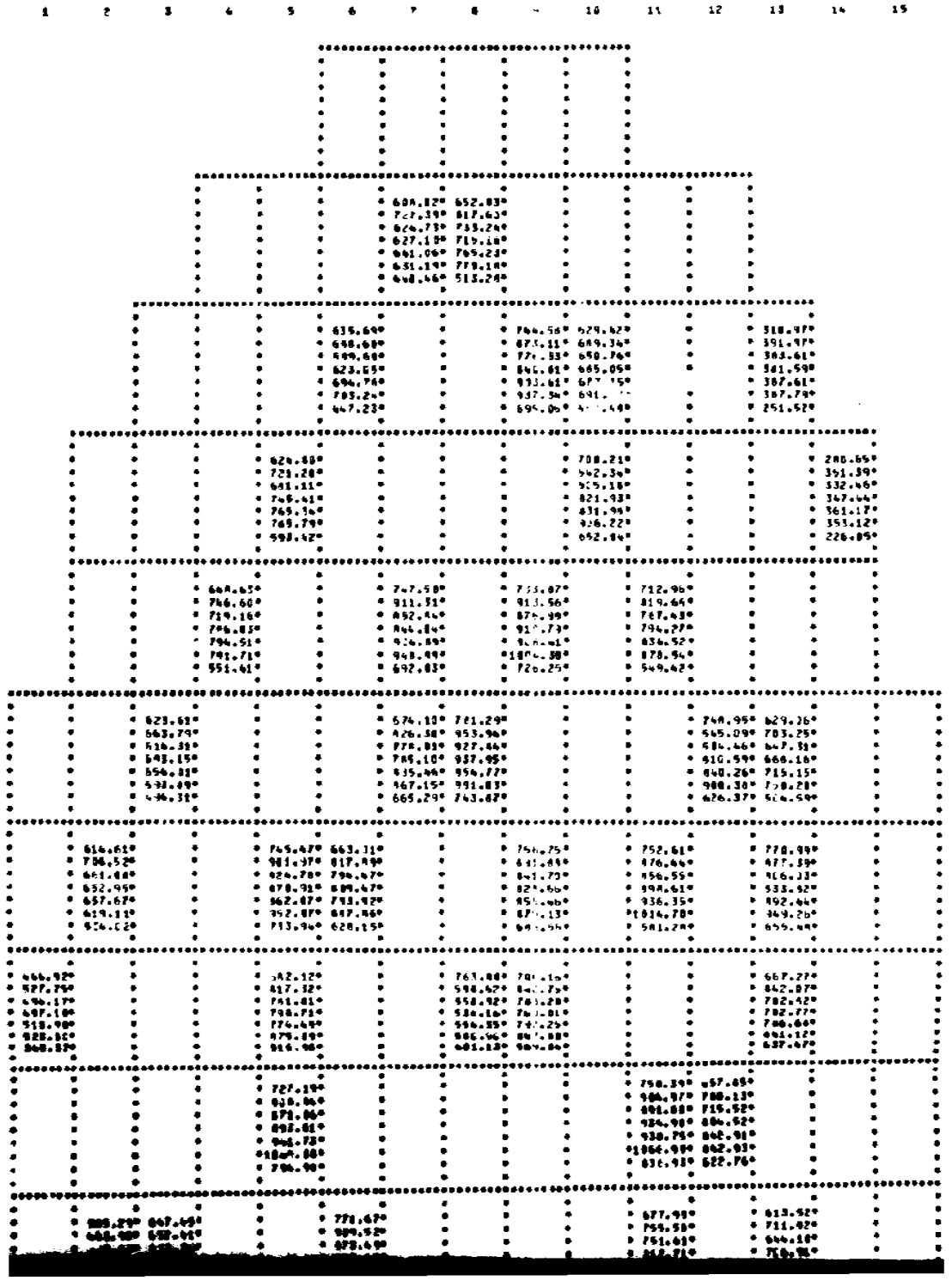
TMI-1 CY-1

YEAR 75 MONTH 05 DAY 16 HOUR 09 MINUTE 44 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2528.2	7711.0	786.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.242	CORE OUTLET	2169.0	LOOP A INLET TEMP(1)	556.68
RC FLOW LOOP B	68.183	SECONDARY LOOP A	907.00	LOOP A INLET TEMP(2)	555.51
RC TOTAL FLOW	136.09	SECONDARY LOOP B	907.00	LOOP B INLET TEMP(1)	555.88
FEEDWATER FLOW LOOP A	5.3089			LOOP B INLET TEMP(2)	555.98
FEEDWATER FLOW LOOP B	5.4251			FEEDWATER (LOOP A)	468.46
LETDOWN FLOW	.30270E-0'			FEEDWATER (LOOP B)	468.46
				REACTOR OUTLET (LOOP A)	601.28
				REACTOR OUTLET (LOOP B)	600.89
				STEAM TEMP (LOOP A)	591.70
				STEAM TEMP (LOOP B)	589.22

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						17.50*		99.7		16.61*					
C					100.00*		99.97*		99.4		101.30*				
D				99.70*		11.10*		93.40*		11.10*		99.90*			
E			99.40*		93.20*		99.70*		48.7		94.40*		102.00*		
F		9.90*		9.47*		99.70*		99.80*		99.70*		12.00*		17.6	
G			99.7		47.70*		99.70*		99.4		101.00*		99.70*		
H		99.80*		93.40*		99.40*		15.40*		99.70*		93.30*		99.70*	
I			99.40*		99.60*		99.47*		101.00*		99.70*		99.70*		
J		16.50*		12.21*		99.90*		99.93*		99.70*		11.80*		16.40*	
K			101.00*		42.70*		99.70*		99.7		93.30*		99.70*		
L				99.40*		11.80*		42.50*		11.13*		99.70*			
M					99.7		99.1		1.1		99.7				
N						16.50*		99.70*		16.40*					
O															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



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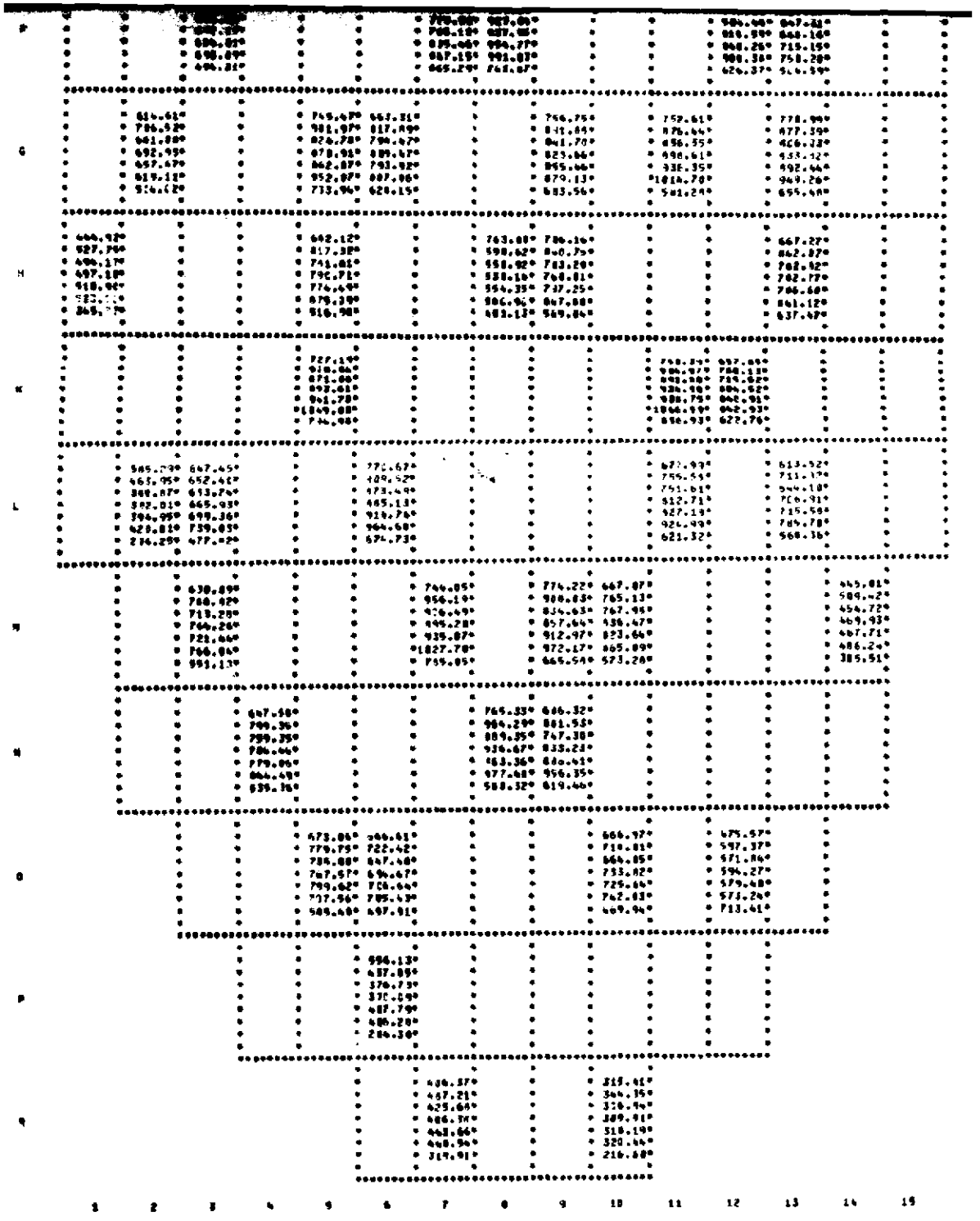

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CASE 23

TMI-1 CY-1

YEAR 75 MONTH 07 DAY 03 HOUR 10 MINUTE 47 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2948.2	8459.0	633.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.100	CORE OUTLET	2177.8	LOOP A INLET TEMP(1)	557.33
RC FLOW LOOP B	69.851	SECONDARY LOOP A	898.10	LOOP A INLET TEMP(2)	555.94
RC TOTAL FLOW	139.13	SECONDARY LOOP B	898.10	LOOP B INLET TEMP(1)	556.33
FEEDWATER FLOW LOOP A	5.2945			LOOP B INLET TEMP(2)	556.59
FEEDWATER FLOW LOOP B	5.3245			FEEDWATER (LOOP A)	460.03
LETDOWN FLOW	.33668E-01			FEEDWATER (LOOP B)	460.03
				REACTOR OUTLET (LOOP A)	601.62
				REACTOR OUTLET (LOOP B)	601.23
				STEAM TEMP (LOOP A)	592.52
				STEAM TEMP (LOOP B)	591.88

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.60*		13.20*		101.00*					
C					99.70*		99.9*		97.9*		99.70*				
D				13.10*		9.96*		98.30*		8.99*		14.30*			
E			99.70*		98.10*		101.00*		98.70*		98.10*		99.90*		
F		101.00*		8.79*		99.70*		99.00*		99.90*		7.86*		99.70*	
G			98.60*		101.00*		99.70*		99.70*		101.00*		98.70*		
H		13.20*		98.20*		99.00*		13.20*		99.70*		98.10*		13.20*	
K			99.90*		99.60*		104.00*		101.00*		101.00*		99.70*		
L		101.00*		9.86*		99.30*		99.90*		99.70*		8.84*		101.00*	
M			99.60*		98.10*		99.70*		99.90*		98.10*		99.70*		
N				14.30*		9.86*		98.30*		9.96*		13.10*			
O					99.70*		99.9*		99.90*		99.70*				
P						101.00*		13.20*		99.90*					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDDC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							560.14*	590.45*							
							669.47*	632.58*							
							636.33*	685.65*							
							615.45*	612.68*							
							628.24*	639.01*							
							597.45*	617.58*							
							415.05*	257.37*							
C						577.72*			692.34*	542.13*			247.63*		
						651.24*			7.8.69*	705.72*			1.1.95*		
						633.77*			746.53*	773.81*			3..91*		
						718.63*			826.65*	747.13*			387.45*		
						731.96*			844.36*	746.37*			384.88*		
						719.66*			865.48*	754.36*			291.55*		
						654.67*			634.46*	693.07*			191.63*		
D					556.15*					626.42*				758.15*	
					586.79*					647.46*				327.58*	
					547.79*					639.76*				329.62*	
					636.60*					403.35*				343.52*	
					632.78*					777.12*				338.74*	
					626.18*					416.21*				315.94*	
					656.65*					563.25*				288.18*	
E				577.43*			649.58*		665.34*		630.37*				
				614.54*			541.24*		817.89*		698.44*				
				814.65*			828.74*		828.06*		697.87*				
				668.80*			434.18*		836.32*		789.81*				
				855.50*			427.15*		819.24*		714.31*				
				685.22*			438.98*		945.32*		737.46*				
				418.33*			532.85*		631.81*		317.7.*				
F			568.51*				621.84*	718.13*				694.95*	574.51*		
			669.71*				754.31*	869.63*				491.83*	781.43*		
			718.65*				738.95*	866.77*				547.80*	757.14*		
			755.79*				736.56*	954.2.*				792.03*	748.18*		
			639.35*				772.44*	847.18*				734.55*	778.29*		
			711.63*				776.55*	852.38*				812.57*	776.43*		
			596.21*				549.87*	618.43*				542.24*	5.9.28*		
G		561.45*			676.18*	614.93*			700.61*		680.26*		781.43*		
		645.38*			818.93*	746.55*			811.13*		831.98*		795.31*		
		564.94*			777.22*	744.31*			734.44*		829.42*		794.3.*		
		651.47*			416.12*	756.92*			743.45*		545.64*		797.24*		
		833.98*			794.78*	737.41*			731.57*		842.97*		906.35*		
		587.47*			542.53*	794.12*			8.7.64*		847.12*		796.15*		
		475.56*			643.95*	554.83*			618.41*		621.39*		532.65*		
H	484.13*				625.84*			783.95*	658.73*				646.83*		
	412.48*				743.14*			520.21*	754.76*				7.0.24*		
	634.62*				737.12*			515.78*	733.91*				691.08*		
	481.87*				743.48*			597.53*	761.81*				698.26*		
	687.36*				788.28*			586.25*	723.21*				677.89*		
	391.10*				768.69*			936.96*	748.64*				796.13*		
	988.63*				644.34*			862.28*	814.98*				745.48*		
K					665.90*						643.66*	599.31*			
					723.39*						888.85*	714.87*			
					818.86*						829.75*	696.81*			
					830.41*						854.59*	764.69*			
					859.37*						849.38*	778.87*			
					966.59*						925.26*	754.			
					699.16*						724.98*	534.			
		846.60*	596.35*			783.10*					636.61*		556.32*		
		968.74*	669.65*			815.69*					676.18*		710.63*		
						[illegible]					716.83*		735.19*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			649.81*				621.08*	718.13*				658.95*	574.91*		
			711.65*				758.31*	869.63*				551.83*	711.13*		
			755.79*				738.95*	866.77*				567.83*	767.19*		
			699.85*				736.54*	854.02*				790.23*	746.18*		
			711.62*				772.45*	842.18*				754.55*	778.29*		
			706.21*				776.55*	852.39*				412.47*	776.43*		
							549.87*	618.65*				542.24*	5.9.26*		
G		561.05*			676.18*	614.93*		700.41*		680.26*		701.43*			
		644.30*			818.94*	764.55*		811.1**		703.93*		795.31*			
		464.94*			777.02*	744.31*		736.44*		324.42*		734.32*			
		651.57*			816.12*	756.92*		743.93*		644.66*		797.24*			
		633.90*			744.78*	737.91*		731.57*		352.97*		584.35*			
		587.87*			742.53*	794.12*		8.7.84*		857.12*		796.15*			
		475.56*			643.56*	559.03*		618.91*		621.33*		632.65*			
H	484.33*				625.84*		783.95*	658.73*					606.33*		
	412.48*				743.10*		528.21*	754.7**					744*		
	438.62*				737.12*		515.78*	733.91*					691.00*		
	481.87*				743.48*		447.53*	731.81*					693.26*		
	487.38*				700.20*		586.25*	723.21*					677.89*		
	391.18*				708.69*		516.64*	748.66*					705.13*		
	253.43*				641.34*		862.28*	514.90*					515.44*		
K					595.98*					503.65*	535.21*				
					829.36*					408.85*	714.87*				
					818.66*					835.75*	696.01*				
					838.65*					854.59*	764.84*				
					859.37*					844.19*	778.87*				
					944.55*					825.26*	754.45*				
					839.14*					724.98*	534.89*				
L		546.5***	548.15*			705.19*					568.61*		558.52*		
		760.74*	693.65*			815.59*					676.14*		710.41*		
		741.88*	724.45*			801.5***					714.93*		735.14*		
		742.67*	721.92*			833.75*					75.44*		747.47*		
		707.72*	716.37*			811.44*					747.72*		754.11*		
		715.15*	745.61*			840.77*					801.25*		746.71*		
		664.58*	676.84*			841.37*					529.10*		574.33*		
M			577.86*				674.02*		782.10*	596.35*				412.65*	
			719.84*				461.35*		811.34*	677.55*				546.34*	
			714.49*				847.34*		736.28*	72*.24*				554.27*	
			758.51*				826.25*		809.92*	766.41*				562.71*	
			697.15*				821.68*		832.33*	732.55*				538.19*	
			736.72*				895.23*		857.22*	744.64*				528.09*	
			696.30*				854.67*		576.86*	477.92*				328.88*	
N				591.58*				694.94*	611.58*						
				398.61*				858.61*	719.53*						
				371.56*				852.82*	712.83*						
				397.39*				866.52*	768.17*						
				374.28*				864.86*	762.33*						
				399.61*				858.46*	761.57*						
				247.47*				415.87*	493.16*						
O					615.11*	506.86*				507.76*		423.41*			
					713.46*	715.7***				89.41*		465.17*			
					728.52*	718.66*				746.31*		465.76*			
					738.28*	753.86*				798.14*		481.91*			
					726.59*	741.53*				755.32*		455.14*			
					692.48*	723.64*				753.99*		438.92*			
					498.5**	506.13*				479.0**		363.12*			
P						535.44*									
						738.34*									
						738.76*									
						719.77*									
						746.83*									
						719.88*									
						502.49*									
R						374.41*				295.65*					
						455.32*				404.7**					
						433.08*				428.37*					
						421.15*				429.28*					
						458.65*				423.71*					
						441.69*				408.14*					
						313.41*				277.26*					

CASE 24

TMI-1 CY-1

YEAR 75 MONTH 07 DAY 25 HOUR 10 MINUTE 07 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2511.1	9133.0	576.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.141	CORE OUTLET	2175.3	LOOP A INLET TEMP(1)	557.47
RC FLOW LOOP B	69.057	SECONDARY LOOP A	899.30	LOOP A INLET TEMP(2)	556.15
RC TOTAL FLOW	139.10	SECONDARY LOOP B	899.30	LOOP B INLET TEMP(1)	556.61
FEEDWATER FLOW LOOP A	5.2773			LOOP B INLET TEMP(2)	556.51
FEEDWATER FLOW LOOP B	5.3126			FEEDWATER (LOOP A)	458.90
LETDOWN FLOW	.34341E-01			FEEDWATER (LOOP B)	458.90
				REACTOR OUTLET (LOOP A)	601.95
				REACTOR OUTLET (LOOP B)	601.16
				STEAM TEMP (LOOP A)	592.73
				STEAM TEMP (LOOP B)	591.15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.70*		14.3.		1.1.00*					
C					100.00*		44.4[illegible]*		101.3[illegible]*		94.60*				
D				14.40*		4.31*		92.30*		4.[illegible]*		14.30*			
E			99.70*		42.70*		101.0[illegible]*		99.7[illegible]		92.30*		99.90*		
F		101.10*		4.70*		99.70*		99.40*		99.70*		7.80*		99.70*	
G			98.60*		101.80*		99.70*		99.70*		101.[illegible]		98.90*		
H		14.20*		92.30*		9.40*		15.40*		99.[illegible]*		92.20*		15.[illegible]*	
K			1[illegible]2.[illegible]		49.60*		104.10*		101.80*		101.80*		99.70*		
L		101.00*		9.06*		99.90*		99.90*		99.70*		8.94*		101.80*	
M			49.8[illegible]*		99.80*		99.70*		99.40*		92.30*		99.70*		
N				14.1[illegible]*		8.98*		92.50*		9.94*		14.20*			
O					99.70*		97.97*		99.50*		99.70*				
P						101.90*		14.90*		99.70*					
Q															

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							575.89*	614.63*							
							681.22*	446.91*							
							627.16*	399.78*							
							619.99*	482.67*							
							687.76*	432.39*							
							602.42*	421.36*							
							436.72*	271.39*							
C						596.75*			649.11*	599.80*			303.67*		
						698.99*			804.67*	710.40*			324.71*		
						690.27*			768.62*	761.76*			311.86*		
						691.56*			802.11*	762.06*			383.91*		
						731.91*			827.48*	731.07*			302.47*		
						719.94*			657.57*	760.15*			297.98*		
						477.46*			665.79*	524.15*			282.42*		
D					571.62*					518.84*				276.69*	
					535.23*					508.30*				335.47*	
					579.47*					579.54*				326.93*	
					619.88*					776.54*				336.22*	
					614.63*					757.52*				337.80*	
					629.88*					815.68*				322.18*	
					467.62*					5[illegible].54*				213.54*	
E				597.67*			634.07*		673.14*		646.51*				
				615.84*			834.19*		889.82*		783.77*				
				613.88*			795.23*		802.27*		642.58*				
				868.69*			771.73*		884.36*		683.91*				
				639.74*			799.82*		742.63*		694.74*				
				637.48*			836.26*		839.84*		731.65*				
				467.39*			622.79*		6[illegible].1*		377.98*				
F			543.47*				627.16*	721.26*				675.71*	591.46*		
			676.11*				749.84*	857.91*				436.63*	718.23*		
			697.69*				714.40*	837.56*				568.32*	745.41*		
			782.74*				784.49*	819.81*				763.34*	726.76*		
			641.53*				746.70*	811.76*				763.98*	752.81*		
			718.13*				769.87*	842.81*				813.21*	774.66*		
			529.25*				689.14*	637.98*				577.18*	532.93*		
G		577.63*			594.64*	620.54*			784.81*		686.80*		716.48*		
		654.85*			811.12*	740.[illegible]*			8[illegible]3.3[illegible]		793.9[illegible]*		6[illegible].1[illegible]*		
		649.15*			753.51*	721.23*			769.62*		786.2[illegible]*		777.28*		
		637.87*			746.55*	728.23*			7[illegible].4[illegible]*		817.43*		772.28*		
		817.32*			763.62*	713.93*			786.92*		824.18*		746.10*		
		589.11*			836.71*	745.57*			801.4[illegible]*		879.27*		796.60*		
		594.44*			679.13*	576.89*			635.8[illegible]*		667.0[illegible]*		562.53*		
H	619.66*				611.97*			789.56*	6[illegible]				619.48*		
	675.74*				714.64*			512.76*	749.58*				707.33*		
	681.10*				711.72*			588.15*	710.83*				676.49*		
	394.89*				712.71*			678.77*	675.64*				673.48*		
	399.74*				674.46*			698.36*	781.48*				664.51*		
	399.20*				749.15*			489.25*	742.26*				785.19*		
	264.99*				467.16*			369.37*	824.69*				547.23*		
K					674.95*						691.36*	685.74*			
					816.24*						801.25*	713.83*			
					746.99*						816.92*	679.23*			
					686.55*						827.48*	735.69*			
					829.31*						822.69*	746.51*			
					829.99*						817.49*	751.43*			
					716.11*						752.71*	571.56*			
		561.81*	689.49*			784.46*					616.59*		573.82*		
		768.6[illegible]*	828.37*			886.31*					673.91*		717.46*		
											699.60*		723.89*		

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			697.69*				769.88*	597.63*				436.63*	716.23*		
			732.24*				734.82*	837.54*				548.32*	765.41*		
			691.53*				785.49*	819.81*				763.36*	726.76*		
			718.13*				746.78*	811.76*				763.99*	752.41*		
			529.25*				769.97*	842.41*				413.21*	774.65*		
							609.14*	637.98*				577.19*	532.33*		
G		577.63*			696.66*	627.68*			734.81*		681.00*		736.44*		
		654.05*			711.12*	754.03*			6[illegible]3.3[illegible]*		737.3[illegible]*		566.21*		
		649.16*			753.51*	731.23*			7[illegible]4.0[illegible]*		734.7[illegible]*		777.24*		
		657.03*			744.54*	724.28*			7[illegible]4.4[illegible]*		812.0[illegible]*		772.28*		
		617.32*			763.42*	713.93*			766.92*		624.11*		749.11*		
		545.13*			434.71*	745.62*			831.63*		874.27*		746.[illegible]*		
		694.66*			678.13*	576.80*			655.44*		667.04*		562.53*		
H	419.66*				631.97*		709.96*	654.98*					619.68*		
	429.74*				734.64*		532.76*	749.54*					787.33*		
	481.57*				711.72*		580.15*	710.83*					676.69*		
	394.09*				712.71*		473.27*	675.64*					673.68*		
	399.78*				674.46*		498.36*	781.68*					668.51*		
	393.78*				759.15*		489.25*	742.26*					704.19*		
	264.99*				467.16*		369.37*	928.63*					547.23*		
K					474.95*						681.39*	635.74*			
					418.24*						801.24*	711.83*			
					798.99*						814.42*	674.22*			
					886.55*						822.46*	735.64*			
					429.31*						822.89*	746.51*			
					924.94*						917.84*	751.43*			
					716.11*						792.73*	571.56*			
L		561.41*	685.44*			704.4[illegible]*					616.54*		523.02*		
		740.44*	678.17*			530.31*					673.31*		717.44*		
		741.41*	7[illegible]4.51*			774.65*					534.43*		725.04*		
		712.59*	697.54*			773.49*					7[illegible]4.0[illegible]*		764.10*		
		786.48*	716.99*			787.73*					717.66*		746.34*		
		7[illegible]1.07*	737.35*			826.76*					799.51*		743.12*		
		473.49*	491.97*			549.69*					5[illegible]1.96*		631.5[illegible]*		
M			536.64*			642.19*		723.94*	682.52*					426.69*	
			752.44*			852.76*		831.53*	673.71*					558.74*	
			698.31*			921.05*		768.30*	699.80*					545.83*	
			732.55*			737.31*		776.24*	719.30*					546.54*	
			474.24*			733.77*		8[illegible]4.87*	788.71*					523.18*	
			699.15*			851.12*		849.32*	740.85*					527.49*	
			584.24*			780.95*		803.93*	508.75*					344.31*	
N				6[illegible]5.32*			704.68*	621.82*							
				618.41*			693.88*	716.91*							
				368.48*			828.72*	643.28*							
				379.15*			833.56*	730.95*							
				378.40*			835.29*	735.67*							
				401.94*			342.[illegible]*	755.18*							
				249.96*			448.32*	623.15*							
O					685.44*	627.95*				614.55*		544.93*			
					725.57*	720.49*				716.79*		443.03*			
					717.51*	736.17*				731.99*		463.95*			
					784.68*	724.73*				773.78*		474.48*			
					784.60*	728.89*				737.42*		449.88*			
					647.14*	716.29*				754.23*		443.77*			
					502.84*	514.23*				500.24*		369.89*			
P						522.72*									
						703.38*									
						714.33*									
						659.28*									
						724.4[illegible]*									
						712.03*									
						519.70*									
R							547.91*			304.45*					
							462.36*			488.03*					
							627.69*			418.17*					
							439.57*			415.72*					
							448.62*			418.17*					
							439.34*			486.02*					
							324.89*			286.73*					

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CASE 25

TMI-1 CY-1

YEAR 75 MONTH 08 DAY 04 HOUR 10 MINUTE 16 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2539.9	9326.8	546.00

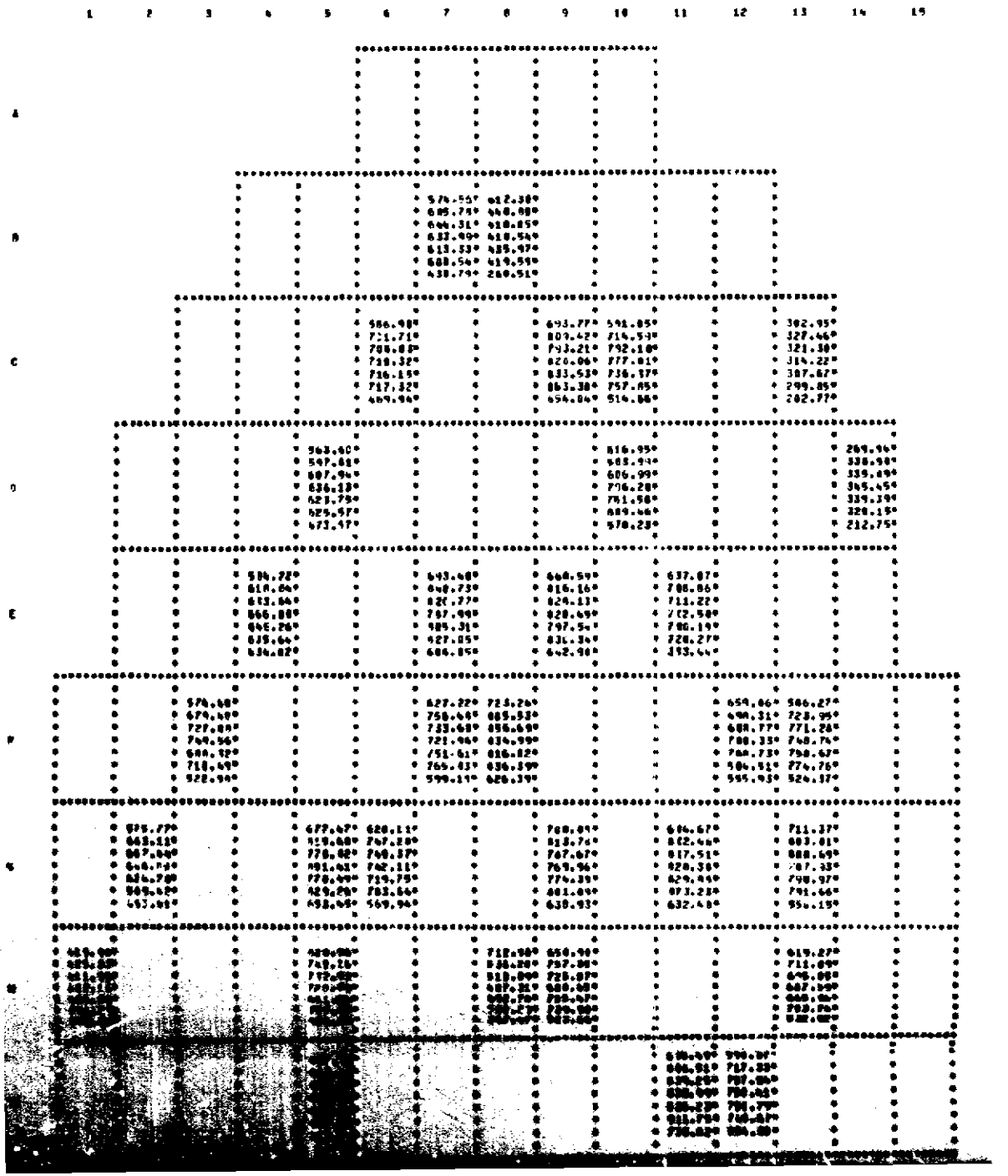
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.239	CORE OUTLET	2174.1	LOOP A INLET TEMP(1)	557.15
RC FLOW LOOP B	69.116	SECONDARY LOOP A	898.70	LOOP A INLET TEMP(2)	555.78
RC TOTAL FLOW	139.28	SECONDARY LOOP B	898.70	LOOP B INLET TEMP(1)	556.33
FEEDWATER FLOW LOOP A	5.2785			LOOP B INLET TEMP(2)	556.28
FEEDWATER FLOW LOOP B	5.2743			FEEDWATER (LOOP A)	459.78
LETDOWN FLOW	.34873E-01			FEEDWATER (LOOP B)	459.78
				REACTOR OUTLET (LOOP A)	601.75
				REACTOR OUTLET (LOOP B)	601.88
				STEAM TEMP (LOOP A)	592.59
				STEAM TEMP (LOOP B)	591.15

DCM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.70*		14.30*		101.00*					
C					110.00*		99.40*		101.60*		99.40*				
D				14.30*		6.75*		91.20*		6.72*		14.3.			
E			99.70*		91.10*		101.70*		99.72*		90.10*		99.40*		
F		101.00*		6.63*		99.70*		99.90*		99.70*		6.72*		99.70*	
G			98.60*		101.00*		99.70*		99.70*		101.04*		98.90*		
H		14.3.*		91.22*		99.40*		15.40*		99.40*		91.10*		15.30*	
K			102.00*		99.60*		104.00*		101.00*		101.00*		99.70*		
L		101.00*		6.01*		99.90*		99.90*		99.70*		6.72*		101.00*	
M			99.7.*		91.13*		99.7.*		99.72*		91.20*		91.70*		
N				15.33*		7.86*		91.38*		7.92*		14.20*			
O					99.70*		97.90*		99.60*		99.70*				
P						101.00*		14.30*		99.6.*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNORC



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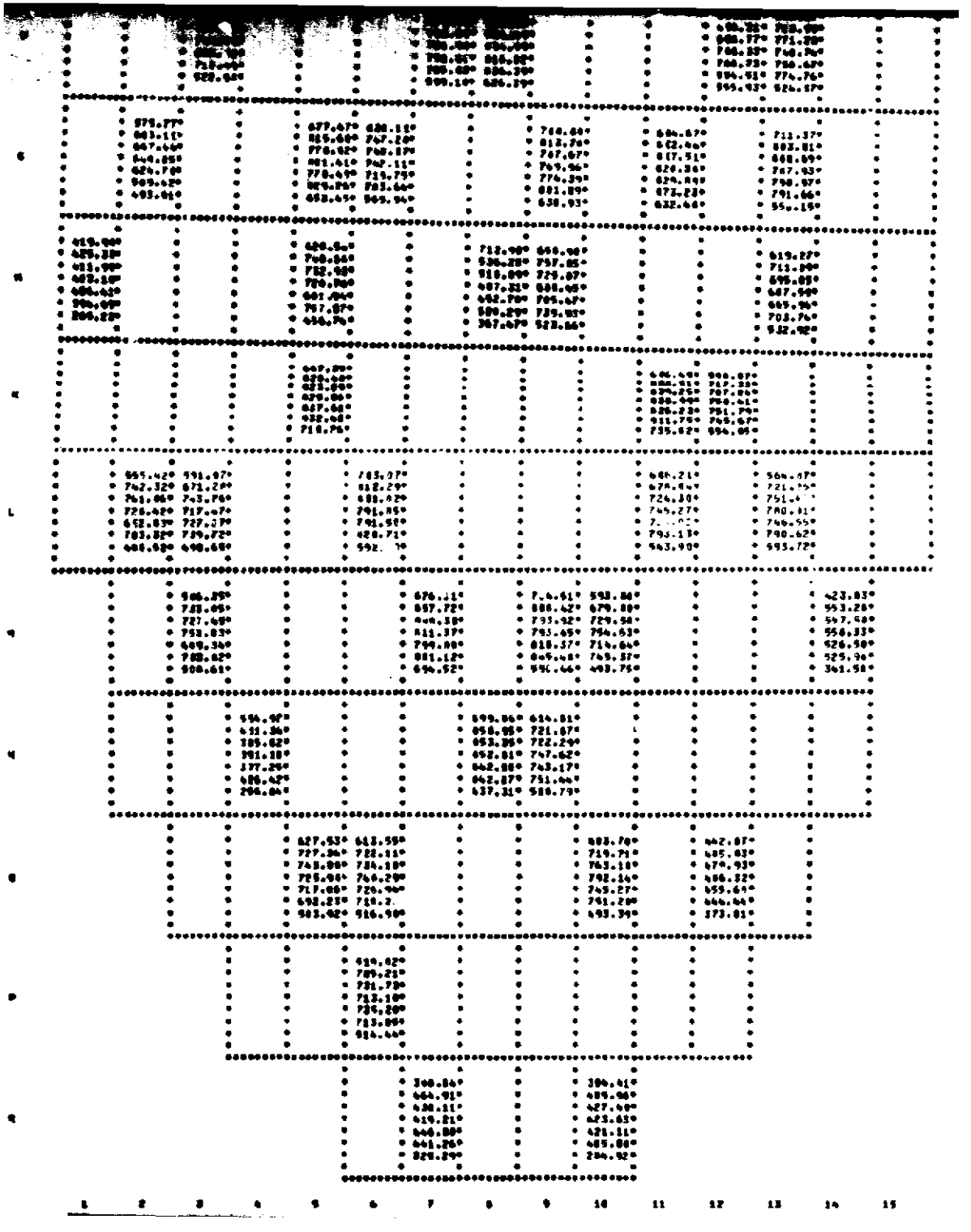

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CASE 26

TMI-1 CY-1

YEAR 79 MONTH 08 DAY 29 HOUR 11 MINUTE 11 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2512.3	18187.	462.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.284	CORE OUTLET	2166.0	LOOP A INLET TEMP(1)	557.28
RC FLOW LOOP B	68.626	SECONDARY LOOP A	894.80	LOOP A INLET TEMP(2)	555.84
RC TOTAL FLOW	138.78	SECONDARY LOOP B	894.80	LOOP B INLET TEMP(1)	556.78
FEEDWATER FLOW LOOP A	5.3587			LOOP B INLET TEMP(2)	557.18
FEEDWATER FLOW LOOP B	5.3783			FEEDWATER (LOOP A)	468.46
LETDOWN FLOW	.32722E-01			FEEDWATER (LOOP B)	468.46
				REACTOR OUTLET (LOOP A)	601.94
				REACTOR OUTLET (LOOP B)	601.52
				STEAM TEMP (LOOP A)	592.86
				STEAM TEMP (LOOP B)	591.49

POCW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						100.00%		13.40%		99.70%					
C					101.00%		99.20%		99.70%		100.00%				
D				13.40%		0.19%		99.70%		0.06%		13.40%			
E			100.00%		98.00%		99.00%		98.90%		.30%		99.30%		
F		99.90%		0.02%		99.00%		99.70%		99.60%		0.31%		99.90%	
G			99.00%		100.00%		100.00%		99.70%		99.40%		99.00%		
H		13.50%		91.00%		99.00%		13.50%		99.60%		91.00%		13.50%	
I			99.20%		99.70%		101.00%		99.50%		99.70%		99.00%		
L		100.00%		0.20%		99.90%		99.50%		99.60%		0.13%		99.80%	
M			99.00%		91.30%		99.70%		99.60%		92.30%		99.70%		
N				13.50%		0.12%		99.70%		0.13%		13.50%			
O					101.00%		97.40%		98.30%		99.50%				
P						101.00%		13.40%		99.90%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHOOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							596.42*	632.91*							
							695.75*	447.66*							
							642.81*	487.94*							
							632.00*	499.71*							
							416.66*	439.63*							
							612.96*	626.78*							
							444.84*	279.02*							
C						629.58*			730.25*	632.93*			324.24*		
						714.88*			620.73*	725.42*			339.42*		
						689.16*			779.03*	771.55*			325.77*		
						783.71*			889.72*	765.28*			319.86*		
						712.93*			837.02*	735.02*			314.14*		
						726.01*			670.18*	765.70*			307.37*		
						478.05*			671.95*	533.66*			213.66*		
D					487.68*					676.64*				259.08*	
					619.45*					514.74*				350.02*	
					589.96*					519.27*				336.64*	
					629.39*					781.02*				346.68*	
					626.01*					755.36*				346.83*	
					632.13*					612.24*				327.75*	
					449.22*					591.07*				223.48*	
E				633.35*			738.68*		784.17*		665.53*				
				636.35*			655.22*		827.3.		727.85*				
				634.68*			682.48*		837.66*		698.34*				
				648.47*			775.28*		806.97*		691.26*				
				645.47*			799.34*		792.29*		697.73*				
				642.62*			624.34*		829.68*		732.19*				
				448.78*			628.69*		655.95*		340.45*				
F			615.91*				651.64*	748.28*				724.23*	627.47*		
			697.13*				762.84*	869.98*				589.38*	741.06*		
			785.99*				721.65*	943.97*				520.32*	751.46*		
			741.42*				718.52*	822.05*				767.39*	733.93*		
			647.54*				744.14*	889.36*				744.18*	757.88*		
			717.64*				765.63*	836.26*				406.76*	781.63*		
			545.02*				612.54*	639.99*				560.01*	541.29*		
G		599.79*			716.94*	646.04*			727.62*		720.26*		748.56*		
		678.88*			827.63*	734.83*			814.74*		811.65*		815.49*		
		661.44*			761.15*	738.14*			777.44*		749.35*		783.46*		
		543.17*			748.49*	737.12*			760.64*		814.94*		774.44*		
		629.28*			767.62*	711.46*			769.15*		823.06*		784.21*		
		598.48*			438.94*	736.98*			802.57*		870.33*		741.62*		
		515.11*			629.37*	594.30*			643.61*		646.67*		563.32*		
H	433.58*				656.95*			723.12*	673.66*				643.92*		
	478.96*				746.35*			575.99*	756.46*				719.27*		
	613.82*				717.47*			581.68*	719.27*				643.41*		
	483.76*				717.75*			481.89*	802.67*				681.68*		
	481.80*				674.44*			498.89*	783.74*				665.25*		
	459.22*				788.64*			587.88*	744.29*				786.94*		
	279.18*				447.94*			374.81*	638.77*				543.40*		
K					782.46*						723.32*	635.53*			
					833.43*						828.65*	731.96*			
					904.41*						821.51*	685.83*			
					812.41*						828.25*	737.46*			
					838.76*						822.14*	765.54*			
					933.75*						918.95*	745.83*			
					728.08*						764.31*	662.45*			
		563.95*	836.95*			737.11*					649.18*		686.23*		
		750.82*	646.98*			821.96*					696.29*		738.63*		
		740.59*	721.19*			783.85*					699.71*		732.81*		
											733.2.		772.97*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			741.42*				710.52*	677.08*				767.39*	733.43*		
			697.49*				744.19*	889.36*				744.18*	757.88*		
			717.68*				765.63*	846.26*				836.76*	781.51*		
			549.82*				812.34*	639.90*				500.91*	542.29*		
G		589.79*			714.95*	646.84*			727.62*		720.26*		749.50*		
		670.08*			827.63*	754.83*			814.74*		811.95*		815.49*		
		661.46*			701.15*	718.14*			777.43*		789.35*		783.55*		
		641.17*			758.43*	733.12*			760.64*		814.94*		775.44*		
		625.24*			767.62*	713.46*			749.15*		923.86*		748.21*		
		599.59*			458.78*	746.38*			807.57*		470.33*		743.62*		
		515.14*			669.97*	594.88*			643.63*		640.67*		563.02*		
H	433.50*				658.95*			723.12*	673.66*				643.92*		
	424.96*				746.35*			525.90*	756.46*				719.27*		
	619.8*				717.67*			581.68*	719.37*				683.91*		
	483.74*				717.79*			681.84*	687.47*				681.68*		
	411.20*				674.54*			439.85*	703.79*				669.75*		
	454.22*				795.68*			587.08*	744.29*				706.56*		
	279.16*				467.54*			376.81*	538.77*				541.68*		
K					782.46*						723.32*	635.53*			
					438.43*						820.44*	731.46*			
					804.61*						821.51*	685.83*			
					812.41*						824.25*	737.46*			
					430.76*						822.14*	745.54*			
					933.76*						810.95*	745.61*			
					724.38*						744.31*	542.65*			
L		555.95*	63.35*			757.11*						549.13*		520.73*	
		753.12*	646.40*			421.36*						694.24*		735.53*	
		743.55*	721.15*			743.45*						694.71*		742.61*	
		717.62*	738.7*			57.13*						733.24*		772.37*	
		644.88*	726.87*			744.07*						718.01*		745.19*	
		705.73*	747.54*			831.48*						793.44*		749.41*	
		494.53*	517.43*			617.63*						556.55*		612.16*	
M			639.38*				712.35*		740.84*	633.54*				449.68*	
			756.51*				871.11*		819.26*	634.45*				583.46*	
			730.63*				829.14*		774.74*	724.71*				551.24*	
			750.43*				746.75*		760.67*	742.53*				552.29*	
			692.97*				794.37*		804.33*	718.87*				526.06*	
			717.68*				882.77*		847.15*	745.15*				529.21*	
			532.92*				709.27*		602.31*	506.32*				352.76*	
N				637.94*				734.95*	653.23*						
				628.45*				870.31*	734.62*						
				583.38*				839.11*	700.63*						
				322.55*				848.48*	736.26*						
				391.57*				838.71*	737.52*						
				438.32*				843.14*	752.15*						
				272.16*				432.87*	528.24*						
O					669.77*	694.61*				647.55*		473.53*			
					767.46*	739.88*				737.43*		582.67*			
					735.96*	714.75*				762.16*		442.35*			
					721.87*	738.18*				744.54*		489.44*			
					719.19*	724.84*				746.53*		463.41*			
					743.71*	727.26*				762.95*		456.97*			
					529.26*	597.73*				518.63*		389.96*			
P						645.63*									
						734.97*									
						721.13*									
						705.53*									
						734.58*									
						728.87*									
						532.22*									
R							483.66*			319.30*					
							409.71*			415.35*					
							436.46*			424.55*					
							418.92*			422.49*					
							449.54*			421.45*					
							449.07*			409.62*					
							339.67*			245.68*					

CASE 27

TMI-1 CY-1

YEAR 75 MONTH 09 DAY 05 HOUR 10 MINUTE 54 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2524.5	10400.	456.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	78.891	CORE OUTLET	2164.8	LOOP A INLET TEMP(1)	556.43
RC FLOW LOOP B	68.746	SECONDARY LOOP A	898.10	LOOP A INLET TEMP(2)	555.10
RC TOTAL FLOW	138.83	SECONDARY LOOP B	898.10	LOOP B INLET TEMP(1)	555.87
FEEDWATER FLOW LOOP A	5.3448			LOOP B INLET TEMP(2)	556.18
FEEDWATER FLOW LOOP B	5.3814			FEEDWATER (LOOP A)	459.37
LETDOWN FLOW	.32575E-01			FEEDWATER (LOOP B)	459.37
				REACTOR OUTLET (LOOP A)	601.25
				REACTOR OUTLET (LOOP B)	600.80
				STEAM TEMP (LOOP A)	591.90
				STEAM TEMP (LOOP B)	590.53

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.70*		16.40*		101.00*					
C					1.3.00*		98.40*		101.00*		99.40*				
D				17.50*		6.75*		94.60*		6.74*		17.50*			
E			99.70*		94.90*		101.80*		98.60*		96.63*		99.87*		
F		101.00*		6.6.*		99.70*		99.60*		94.70*		6.75*		96.70*	
G			98.60*		101.00*		99.70*		99.70*		101.00*		99.70*		
H		17.50*		94.40*		93.40*		17.50*		99.70*		41.33*		17.50*	
K			99.80*		96.40*		104.00*		101.00*		101.00*		99.70*		
L		101.00*		6.46*		99.30*		99.98*		99.70*		6.75*		101.00*	
M			99.40*		96.30*		99.70*		99.60*		96.43*		99.70*		
N				17.43*		6.72*		94.60*		6.41*		17.40*			
O					99.70*		37.90*		19.40*		99.73*				
P						101.80*		17.50*		99.40*					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNOBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							546.93*	626.27*							
							715.12*	585.87*							
							639.44*	484.24*							
							617.44*	396.11*							
							639.97*	428.00*							
							615.84*	427.68*							
							671.99*	293.92*							
C						598.93*			639.56*	549.47*			319.46*		
						711.94*			422.26*	720.24*			362.76*		
						732.35*			784.13*	786.91*			327.45*		
						698.96*			795.11*	749.43*			313.37*		
						694.70*			812.47*	717.37*			309.96*		
						724.32*			427.68*	771.31*			311.34*		
						918.27*			720.93*	567.24*			223.41*		
D					471.44*					611.73*				282.47*	
					621.41*					524.45*				353.49*	
					638.36*					617.30*				336.22*	
					618.21*					7[illegible]*				340.00*	
					6[illegible]3.34*					737.7[illegible]*				336.54*	
					639.58*					819.28*				323.47*	
					540.54*					844.72*				234.64*	
E				595.99*			693.57*		698.[illegible]4*		637.53*				
				649.43*			476.63*		840.97*		719.87*				
				633.57			739.87*		803.[illegible]*		782.93*				
				649.61*			757.21*		746.83*		677.14*				
				658.85*			774.44*		772.71*		679.29*				
				648.64*			839.64*		838.[illegible]*		747.7[illegible]*				
				457.37*			677.51*		7[illegible]9.26*		524.99*				
F			592.34*				616.76*	711.83*				555.83*	594.05*		
			638.68*				739.39*	845.92*				500.13*	734.75*		
			728.23*				738.45*	825.94*				626.07*	765.36*		
			725.96*				690.90*	798.68*				751.43*	737.43*		
			669.34*				723.74*	789.12*				749.45*	738.30*		
			720.21*				771.00*	863.43*				619.29*	785.19*		
			576.84*				648.12*	679.66*				622.04*	569.23*		
G		589.62*			664.51*	611.21*			636.50*		674.29*		717.21*		
		689.56*			531.81*	731.24*			840.97*		785.6[illegible]*		644.41*		
		659.49*			754.54*	717.10*			754.83*		795.29*		746.53*		
		628.11*			769.63*	782.41*			735.31*		794.31*		759.62*		
		689.57*			746.7[illegible]*	693.92*			745.66*		452.63*		747.24*		
		512.36*			858.43*	759.57*			803.32*		574.95*		739.45*		
		558.50*			793.12*	616.31*			669.64*		694.30*		603.14*		
H	634.60*				619.55*			703.99*	644.61*				623.19*		
	694.98*				723.45*			577.05*	757.23*				729.63*		
	418.73*				788.13*			449.28*	708.85*				682.32*		
	396.02*				697.15*			465.37*	662.11*				665.78*		
	401.73*				655.41*			475.53*	685.75*				649.97*		
	486.17*				762.94*			587.64*	747.66*				712.09*		
	284.28*				521.23*			388.31*	581.33*				592.57*		
K					558.16*						676.76*	537.72*			
					986.23*						794.76*	715.43*			
					691.15*						819.51*	694.43*			
					748.97*						887.36*	720.92*			
					889.49*						401.85*	726.85*			
					859.45*						920.37*	757.41*			
					762.29*						481.69*	623.33*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			664.94*			723.76*	748.12*					791.63*	737.48*		
			720.21*			771.80*	843.43*					615.29*	765.19*		
			574.84*			644.17*	679.66*					627.84*	564.28*		
		589.62*			664.61*	611.21*		686.80*		676.29*		717.21*			
		689.66*			831.01*	731.24*		806.07*		707.61*		644.83*			
		654.44*			758.54*	717.10*		764.05*		785.26*		746.63*			
5		624.14*			769.69*	712.41*		735.31*		736.50*		759.02*			
		608.07*			746.78*	693.92*		754.66*		832.53*		767.24*			
		601.76*			836.40*	749.67*		803.07*		778.95*		744.45*			
		518.69*			775.57*	616.31*		669.03*		696.37*		604.14*			
	434.40*				614.62*		713.94*	664.61*				633.19*			
	464.38*				723.46*		677.36*	742.24*				703.69*			
	410.73*				739.13*		649.24*	720.44*				677.52*			
4	396.37*				642.16*		665.37*	622.11*				611.78*			
	461.79*				595.44*		675.51*	699.74*				595.17*			
	403.17*				702.34*		607.66*	747.06*				713.13*			
	384.28*				571.27*		595.31*	561.53*				[illegible]			
					668.16*					676.76*	593.70*				
					806.28*					744.76*	713.83*				
					851.13*					819.51*	694.44*				
3					748.95*					837.36*	728.92*				
					819.69*					881.45*	726.05*				
					939.83*					920.37*	752.41*				
					762.23*					801.63*	623.33*				
		567.56*	596.68*			691.42*				559.27*		573.18*			
		744.93*	679.98*			795.42*				671.18*		731.50*			
		746.52*	735.45*			774.31*				710.77*		764.05*			
2		659.60*	695.34*			768.56*				716.71*		756.34*			
		672.28*	709.15*			744.87*				700.21*		727.74*			
		736.76*	752.23*			838.32*				824.25*		801.35*			
		519.92*	564.64*			659.28*				676.07*		645.33*			
			598.51*			666.69*		643.14*	946.41*				534.87*		
			759.16*			841.75*		731.33*	874.4*				561.58*		
			720.44*			823.43*		770.95*	715.70*				540.8*		
1			737.13*			777.53*		760.46*	736.55*				540.21*		
			675.68*			774.81*		744.65*	842.46*				513.4*		
			719.72*			839.55*		856.55*	752.11*				529.4*		
			567.81*			706.77*		655.24*	599.21*				[illegible]		
				613.96*			694.14*	611.46*							
				673.05*			751.16*	717.95*							
				349.55*			634.95*	711.80*							
N				504.46*			518.91*	720.71*							
				372.06*			815.91*	719.61*							
				627.11*			450.04*	759.70*							
				286.27*			624.15*	574.47*							
					640.45*	619.24*				612.01*		461.99*			
					749.47*	738.66*				732.46*		520.31*			
					741.66*	727.61*				755.37*		485.22*			
0					734.11*	724.71*				778.21*		481.23*			
					731.81*	706.47*				729.50*		453.82*			
					706.92*	732.03*				769.35*		458.32*			
					554.66*	568.29*				540.31*		312.79*			
						529.24*									
						735.10*									
						717.95*									
P						690.28*									
						717.63*									
						720.69*									
						551.25*									
							401.91*			313.64*					
							443.51*			416.14*					
							431.67*			423.13*					
R							404.30*			410.46*					
							437.45*			410.40*					
							447.12*			438.48*					
							340.71*			334.67*					

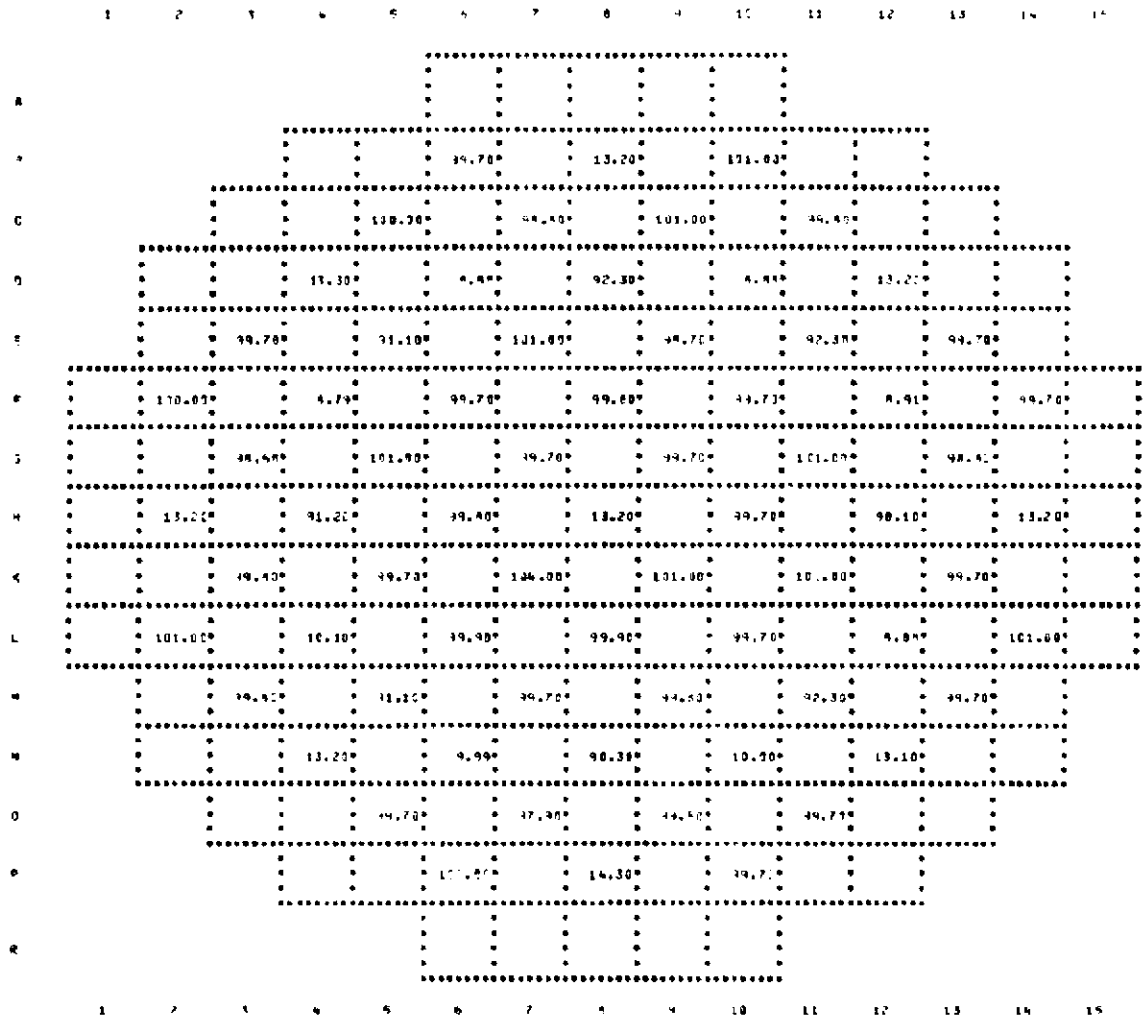
CASE 29

TMI-1 CY-1

YEAR 75 MONTH 09 DAY 12 HOUR 11 MINUTE 19 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2495.6	10680.	440.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	70.144	CORE OUTLET	2167.0	LOOP A INLET TEMP(1)	556.97
RC FLOW LOOP B	68.694	SECONDARY LOOP A	897.90	LOOP A INLET TEMP(2)	555.58
RC TOTAL FLOW	138.75	SECONDARY LOOP B	897.90	LOOP B INLET TEMP(1)	556.48
FEEDWATER FLOW LOOP A	5.3236			LOOP B INLET TEMP(2)	556.65
FEEDWATER FLOW LOOP B	5.3239			FEEDWATER (LOOP A)	459.53
LETDOWN FLOW	.33071E-01			FEEDWATER (LOOP B)	459.53
				REACTOR OUTLET (LOOP A)	601.34
				REACTOR OUTLET (LOOP B)	600.87
				STEAM TEMP (LOOP A)	592.45
				STEAM TEMP (LOOP B)	591.08



SPNCBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							594.95*	629.65*							
							690.63*	443.32*							
							615.74*	483.88*							
							629.17*	488.54*							
							614.26*	439.15*							
							615.95*	427.25*							
							457.23*	285.80*							
C						629.97*			730.67*	659.39*			128.12*		
						713.94*			813.30*	721.50*			339.76*		
						676.80*			767.49*	741.95*			326.79*		
						696.65*			8.3.6.*	759.31*			314.41*		
						707.10*			824.53*	735.27*			317.12*		
						723.19*			871.53*	747.40*			312.43*		
						695.05*			684.15*	546.37*			218.61*		
D					614.90*					541.72*				791.34*	
					615.33*					512.63*				549.68*	
					541.35*					511.4.*				335.22*	
					621.49*					772.76*				346.67*	
					621.82*					754.93*				345.18*	
					632.34*					418.74*				331.64*	
					501.57*					603.21*				224.32*	
E				641.59*			733.55*		706.60*		690.72*				
				656.93*			845.35*		821.2.*		725.03*				
				804.71*			740.32*		796.61*		574.00*				
				653.46*			755.59*		738.43*		684.25*				
				640.96*			732.51*		786.39*		643.43*				
				641.13*			826.53*		826.93*		733.04*				
				469.92*			632.43*		665.71*		375.01*				
F			621.24*				852.23*	746.95*				732.44*	610.68*		
			632.11*				754.55*	868.53*				507.42*	734.12*		
			694.17*				710.12*	832.32*				589.68*	740.82*		
			731.55*				737.46*	813.35*				754.60*	726.56*		
			541.47*				734.76*	801.70*				760.53*	751.61*		
			713.47*				761.55*	531.52*				405.76*	781.39*		
			551.[illegible]*				617.99*	546.17*				581.53*	548.30*		
G		621.61*			717.47*	647.27*			775.53*		722.27*		747.77*		
		665.01*			421.47*	747.29*			804.30*		804.04*		804.54*		
		652.91*			748.31*	718.18*			765.04*		771.2.*		773.52*		
		637.[illegible]*			778.40*	723.95*			740.74*		565.13*		770.19*		
		619.47*			758.28*	705.65*			759.55*		511.54*		732.66*		
		597.16*			825.19*	750.20*			746.04*		561.36*		791.37*		
		92[illegible].61*			673.11*	594.68*			542.31*		551.75*		574.23*		
H	432.40*				654.54*			722.63*	671.37*				641.05*		
	426.77*				739.41*			921.53*	747.95*				709.36*		
	404.23*				726.62*			496.24*	711.1.*				674.48*		
	451.00*				707.32*			475.52*	676.36*				677.74*		
	410.95*				664.95*			484.63*	648.13*				663.24*		
	404.36*				747.58*			502.10*	739.73*				708.28*		
	791.34*				470.17*			373.16*	541.46*				555.80*		
I					786.42*						725.99*	537.82*			
					827.30*						814.61*	726.51*			
					798.73*						889.60*	673.64*			
					800.29*						817.17*	728.19*			
					821.35*						815.34*	739.63*			
					923.49*						905.07*	741.68*			
					729.14*						756.30*	575.38*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
E			698.12*				754.55*	860.53*				732.44*	630.68*		
			694.17*				718.72*	832.32*				587.62*	734.12*		
			711.95*				737.46*	813.35*				585.68*	760.82*		
			641.47*				734.75*	801.70*				758.60*	726.56*		
			719.49*				751.34*	812.52*				760.53*	751.61*		
			551.43*				617.94*	746.17*				585.76*	781.53*		
												541.53*	548.30*		
G		872.61*			717.47*	647.27*			735.84*		722.27*		747.77*		
		865.61*			721.47*	747.29*			744.53*		494.54*		464.34*		
		672.91*			744.31*	719.19*			745.64*		776.22*		771.32*		
		617.24*			776.42*	723.35*			748.26*		826.13*		770.35*		
		613.47*			759.20*	705.65*			759.55*		517.54*		757.44*		
		597.16*			721.29*	738.20*			744.24*		866.36*		791.37*		
		921.41*			673.11*	546.48*			742.41*		691.76*		576.23*		
H	432.40*				659.49*			722.63*	671.37*						
	476.77*				739.81*			721.55*	747.94*				641.85*		
	409.23*				734.62*			696.24*	71..1.*				709.30*		
	481.88*				737.32*			675.52*	676.34*				674.40*		
	418.45*				664.95*			684.63*	638.13*				677.76*		
	404.16*				747.58*			582.18*	733.73*				663.24*		
	791.34*				478.17*			372.15*	541.46*				704.26*		
													555.39*		
A					708.62*						725.57*	537.0*			
					427.35*						816.63*	726.41*			
					798.73*						809.60*	673.64*			
					488.29*						817.17*	726.19*			
					821.75*						415.34*	789.63*			
					973.44*						805.07*	741.68*			
					779.14*						755.58*	574.34*			
T		547.44*	636.11*			731.70*						656.31*		635.63*	
		746.44*	542.13*			315.16*						691.23*		727.34*	
		736.17*	789.65*			771.45*						698.71*		777.54*	
		737.34*	731.13*			771.72*						733.01*		744.14*	
		645.04*	722.41*			773.14*						717.41*		746.41*	
		781.29*	746.17*			827.52*						745.54*		743.15*	
		571.14*	573.31*			613.44*						57..44*		5..3.44*	
N			629.54*				716.14*		746.28*	633.37*				652.15*	
			756.31*				869.37*		812.36*	630.31*				554.07*	
			718.41*				817.05*		761.27*	641.27*				541.19*	
			746.15*				795.36*		770.04*	732.56*				547.43*	
			688.40*				746.19*		735.83*	732.48*				521.42*	
			719.25*				874.58*		839.03*	737.46*				527.49*	
			534.27*				711.70*		6.2.34*	514.61*				355.67*	
E				643.87*				740.75*	658.36*						
				418.42*				856.50*	733.22*						
				379.45*				826.70*	693.43*						
				388.79*				828.66*	726.31*						
				398.34*				829.96*	729.72*						
				438.62*				434.17*	744.24*						
				276.98*				434.15*	523.72*						
O					675.49*	659.38*				656.35*		479.14*			
					745.23*	736.75*				737.74*		584.73*			
					726.68*	704.59*				737.43*		474.92*			
					714.37*	738.41*				774.76*		447.45*			
					712.77*	719.33*				745.49*		456.06*			
					738.52*	723.73*				762.53*		455.94*			
					583.45*	548.28*				515.14*		395.69*			
P						551.3.*									
						718.54*									
						718.44*									
						697.94*									
						779.78*									
						715.64*									
						531.77*									
R							408.96*			423.07*					
							470.44*			414.23*					
							431.99*			418.52*					
							415.87*			417.44*					
							444.75*			419.76*					
							446.29*			438.94*					
							348.54*			248.12*					

CASE 29

TMI-1 CY-1

YEAR 75 MONTH 9 DAY 19

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2515.1	10814.	406.00

FOOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.70*		15.30*		101.00*					
C					100.00*		99.40*		101.00*		99.40*				
D				95.60*		8.81*		93.30*		8.84*		15.35*			
E			94.74*		93.29*		101.00*		99.70*		97.10*		99.70*		
F		100.00*		8.74*		99.70*		99.40*		99.40*		7.46*		99.70*	
G			48.60*		101.00*		99.70*		99.70*		101.00*		99.70*		
H		15.30*		97.30*		99.40*		15.60*		99.70*		92.23*		15.30*	
K			99.80*		99.70*		104.00*		101.00*		101.00*		99.70*		
L		101.00*		9.08*		99.90*		99.92*		99.70*		8.84*		101.00*	
M			99.70*		99.20*		99.70*		99.60*		93.30*		99.70*		
N				95.30*		9.04*		92.50*		8.94*		15.20*			
O					99.70*		97.40*		99.53*		97.70*				
P					100.00*		15.30*		99.60*						
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNBBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							632.09*	639.68*							
							707.55*	688.79*							
							632.43*	488.22*							
							615.98*	397.63*							
							684.51*	631.65*							
							619.74*	428.82*							
							474.54*	296.13*							
C						624.17*			727.25*	651.86*			333.28*		
						715.57*			817.99*	722.26*			350.13*		
						674.17*			766.46*	764.75*			325.36*		
						642.96*			749.11*	745.05*			314.48*		
						695.85*			816.15*	722.65*			313.56*		
						729.97*			879.30*	776.38*			316.23*		
						518.23*			728.96*	572.77*			224.07*		
D					687.77*					663.59*				293.93*	
					622.30*					589.35*				354.48*	
					545.10*					521.33*				334.30*	
					613.08*					759.42*				341.28*	
					612.14*					748.18*				341.83*	
					659.41*					819.53*				333.73*	
					534.65*					639.47*				237.37*	
E				674.94*			717.71*		698.51*		676.94*				
				845.33*			835.62*		887.98*		723.69*				
				674.29*			791.42*		786.15*		678.83*				
				845.82*			749.66*		758.49*		671.02*				
				631.61*			748.79*		773.14*		688.71*				
				848.84*			831.36*		834.46*		739.73*				
				491.61*			669.19*		708.04*		679.85*				
F			614.94*				634.64*	735.84*				712.86*	624.55*		
			695.12*				743.39*	847.68*				682.88*	735.52*		
			697.21*				638.28*	816.74*				526.73*	768.46*		
			719.91*				655.30*	793.54*				742.36*	713.48*		
			678.84*				723.92*	787.28*				747.16*	742.98*		
			719.72*				767.21*	838.53*				814.74*	767.62*		
			874.84*				644.81*	673.35*				615.29*	572.38*		
G		687.58*			781.78*	655.82*			716.88*		785.98*		743.44*		
		687.49*			818.29*	737.44*			799.39*		751.85*		808.38*		
		649.74*			741.74*	706.74*			758.75*		767.18*		778.27*		
		629.59*			742.31*	739.88*			732.61*		789.34*		755.39*		
		611.24*			746.26*	694.52*			746.22*		883.43*		771.35*		
		682.28*			831.98*	744.55*			888.87*		876.38*		908.98*		
		541.88*			711.52*	612.18*			866.37*		887.59*		605.68*		
H	649.28*				665.99*			718.45*	665.34*				642.45*		
	665.53*				729.59*			541.87*	758.87*				717.19*		
	688.18*				696.64*			684.24*	695.85*				699.21*		
	595.11*				612.31*			683.96*	659.71*				661.48*		
	689.38*				653.89*			676.86*	685.19*				651.67*		
	687.84*				748.73*			685.19*	745.48*				714.34*		
	291.69*				548.98*			384.91*	946.21*				507.79*		
I					848.09*						786.48*	686.08*			
					816.88*						881.65*	718.38*			
					748.81*						800.51*	671.91*			
					746.78*						868.87*	713.02*			
					689.37*						881.84*	727.41*			
					899.88*						915.97*	749.96*			
					766.58*						792.21*	613.65*			
J		597.00*	686.00*			724.24*					637.38*		684.18*		
		746.13*	685.00*			803.20*					681.14*		736.81*		
						[illegible]					687.81*		722.19*		

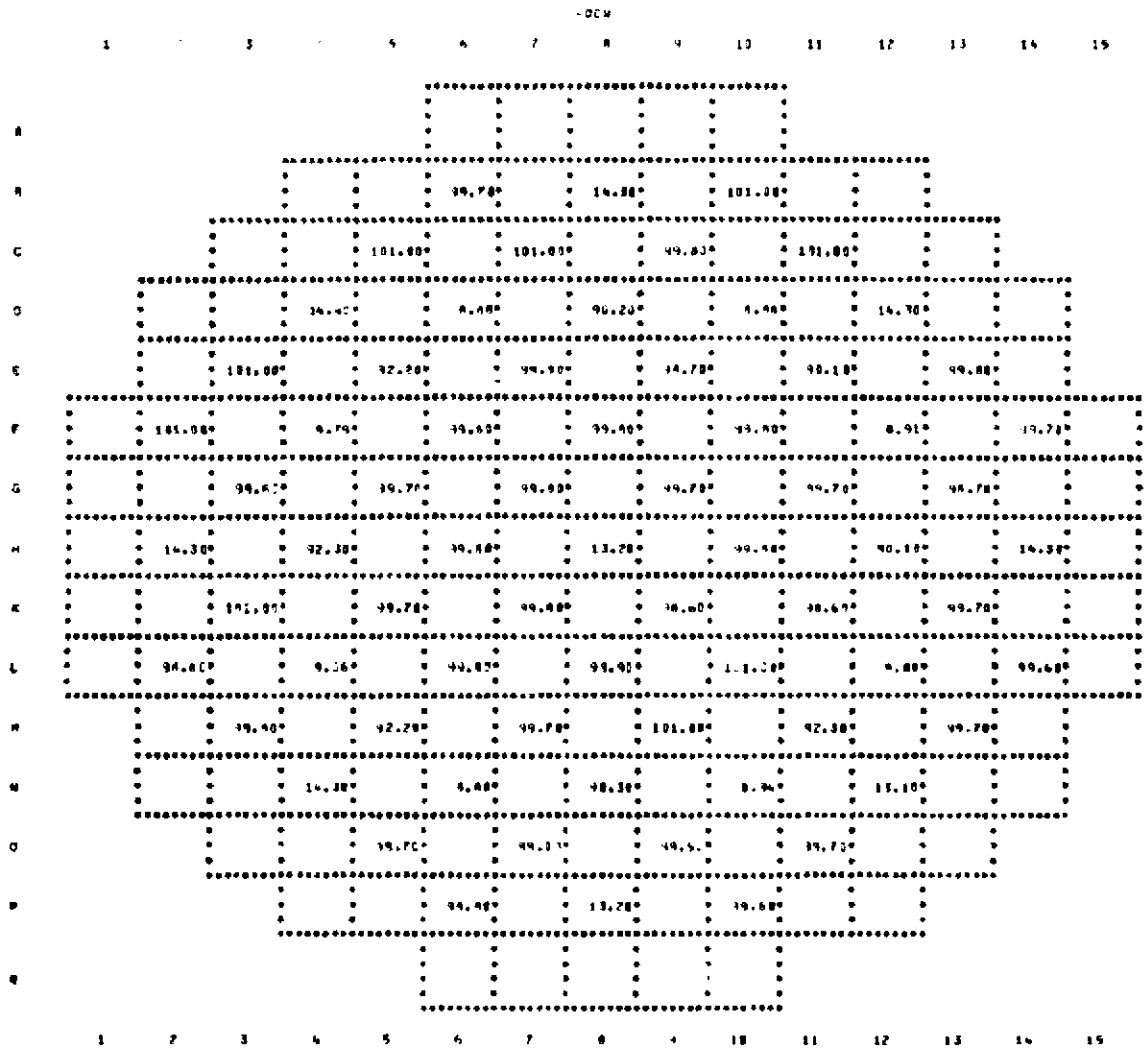
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			670.[illegible]				733.02*	787.06*				767.16*	742.98*		
			719.73*				769.21*	806.49*				814.74*	787.62*		
			874.64*				444.01*	672.38*				615.29*	572.38*		
G		487.57*			781.74*	635.82*		716.00*			705.94*		743.44*		
		642.68*			816.29*	737.44*		799.39*			751.04*		808.18*		
		649.74*			741.76*	786.76*		758.72*			767.18*		770.27*		
		625.55*			742.31*	788.88*		732.61*			749.14*		755.39*		
		611.74*			766.74*	696.72*		746.22*			803.43*		771.35*		
		682.24*			831.98*	746.95*		800.87*			876.38*		900.58*		
		541.88*			711.42*	619.14*		660.37*			647.54*		605.68*		
W	449.27*				665.99*			718.49*	665.34*				642.43*		
	649.53*				734.64*			641.37*	758.67*				717.19*		
	688.18*				696.66*			686.26*	695.85*				669.23*		
	396.11*				692.31*			643.96*	649.72*				661.48*		
	685.38*				693.03*			676.86*	685.19*				651.67*		
	687.84*				754.78*			589.19*	745.68*				734.14*		
	291.69*				948.98*			804.91*	966.21*				587.79*		
K					692.99*						788.48*	626.08*			
					816.18*						801.65*	716.36*			
					742.4						816.93*	671.81*			
					796.[illegible]						860.87*	713.47*			
					889.37*						891.84*	727.41*			
					835.23*						915.97*	744.96*			
					744.94*						792.21*	613.05*			
L		547.44*	624.48*			726.74*					617.10*		624.10*		
		749.12*	646.04*			853.78*					681.14*		734.[illegible]		
		732.34*	718.78*			762.29*					687.21*		722.35*		
		692.96*	648.65*			753.46*					708.24*		741.[illegible]		
		673.18*	731.73*			762.45*					723.23*		734.47*		
		784.10*	751.15*			831.96*					886.25*		805.87*		
		517.11*	546.10*			647.49*					609.60*		645.14*		
M			628.73*				781.82*		728.29*	624.31*				657.31*	
			762.84*				856.47*		749.99*	643.23*				662.24*	
			712.94*				809.33*		753.36*	698.42*				548.51*	
			733.44*				771.31*		753.41*	719.39*				538.61*	
			674.61*				773.54*		782.16*	692.62*				515.74*	
			728.95*				802.73*		849.78*	746.32*				458.84*	
			560.29*				748.61*		638.65*	551.65*				368.97*	
N				649.74*				729.31*	647.22*						
				642.51*				861.27*	727.53*						
				381.69*				818.98*	689.58*						
				383.97*				812.96*	714.11*						
				376.58*				815.16*	719.14*						
				623.78*				844.65*	753.92*						
				293.16*				517.47*	568.63*						
O					674.36*	656.68*				658.33*		656.33*			
					753.47*	738.41*				748.71*		722.88*			
					726.25*	705.50*				735.94*		688.84*			
					783.88*	716.80*				765.85*		691.98*			
					786.88*	708.14*				731.15*		687.28*			
					787.25*	729.63*				768.96*		662.28*			
					556.43*	463.17*				538.62*		383.97*			
P						551.28*									
						718.54*									
						784.44*									
						696.89*									
						718.31*									
						719.64*									
						544.38*									
R							415.64*			325.13*					
							696.86*			819.21*					
							429.32*			416.38*					
							414.14*			688.94*					
							630.25*			411.81*					
							449.84*			489.92*					
							351.26*			319.46*					

CASE 30

TMI-1 CY-1

YEAR 75 MONTH 11 DAY 7

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2538.5	11888.	310.00



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							602.78*	648.32*							
							785.53*	656.05*							
							639.68*	607.11*							
							625.02*	685.83*							
							611.57*	639.05*							
							622.75*	620.49*							
							696.56*	297.95*							
C						624.97*			732.25*	638.63*			344.32*		
						713.03*			813.90*	723.45*			352.78*		
						683.96*			771.96*	771.76*			334.49*		
						678.19*			802.41*	753.58*			329.12*		
						696.76*			822.08*	738.09*			322.41*		
						723.52*			871.46*	741.06*			322.54*		
						519.34*			712.34*	679.99*			232.77*		
D				417.97*						675.68*				303.70*	
				621.68*						510.29*				360.58*	
				592.57*						517.29*				343.38*	
				622.14*						765.75*				351.68*	
				613.35*						734.83*				349.95*	
				634.41*						882.51*				338.25*	
				528.32*						814.45*				243.39*	
E			646.31*			724.37*		635.74*			689.88*				
			644.93*			535.19*		634.83*			728.45*				
			618.82*			783.61*		768.79*			684.05*				
			654.46*			753.28*		742.97*			678.25*				
			638.55*			778.78*		772.78*			692.85*				
			664.67*			814.87*		811.32*			728.22*				
			699.46*			642.63*		678.30*			364.83*				
F		621.78*				642.94*	748.16*					774.21*	636.57*		
		698.34*				736.42*	648.88*					505.95*	742.19*		
		638.74*				638.46*	818.80*					524.87*	748.79*		
		724.39*				689.13*	798.88*					749.17*	719.58*		
		669.17*				717.15*	786.28*					746.91*	747.92*		
		716.47*				749.45*	817.95*					799.65*	787.26*		
		546.46*				629.05*	657.38*					596.88*	572.43*		
G		687.34*			739.55*	641.24*			716.28*		714.83*		754.83*		
		672.97*			814.53*	729.36*			767.33*		789.65*		806.88*		
		655.99*			742.29*	765.57*			751.46*		747.89*		777.76*		
		633.57*			746.78*	784.90*			736.43*		792.16*		762.43*		
		614.97*			743.24*	648.74*			746.31*		794.02*		777.81*		
		604.03*			813.06*	771.27*			744.12*		458.65*		796.72*		
		555.08*			647.19*	599.84*			694.05*		662.73*		662.57*		
H	642.88*				648.95*		712.52*	681.83*					640.24*		
	634.84*				719.76*		518.53*	731.26*					711.92*		
	612.46*				632.19*		484.12*	645.18*					673.45*		
	606.47*				649.75*		469.64*	662.96*					669.38*		
	611.93*				646.48*		678.43*	686.67*					653.38*		
	616.53*				738.85*		697.63*	733.82*					786.51*		
	298.72*				848.12*		844.68*	983.69*					972.71*		
I					708.49*						716.36*	681.01*			
					811.47*						880.76*	769.92*			
					744.86*						536.25*	671.60*			
					7 7.25*						687.49*	716.94*			
					885.26*						799.59*	726.13*			
					921.03*						912.13*	735.72*			
					754.72*						776.36*	593.18*			
J		592.32*	682.93*			738.98*					644.64*		612.46*		
		738.42*	679.93*			798.11*					681.94*		735.16*		
		786.38*	713.63*			760.30*					648.96*		728.31*		
		638.68*	599.80*			795.77*					713.19*		761.23*		
											698.56*		735.77*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			696.74*				698.48*	618.85*				524.97*	748.79*		
			726.39*				649.13*	798.88*				749.12*	719.49*		
			669.17*				717.15*	786.28*				746.91*	767.92*		
			714.47*				749.46*	817.95*				799.65*	767.26*		
			546.46*				629.09*	657.30*				545.34*	577.63*		
G		687.38*			739.55*	641.24*		716.28*		714.53*		754.01*			
		672.97*			1.4.53*	723.36*		787.33*		749.55*		804.30*			
		655.99*			742.29*	705.67*		751.45*		747.30*		777.76*			
		633.57*			765.74*	784.30*		736.43*		732.16*		762.93*			
		614.97*			746.29*	644.74*		744.31*		739.62*		777.41*			
		546.02*			411.06*	771.27*		784.12*		458.65*		746.72*			
		555.00*			637.19*	633.84*		594.21*		662.73*		602.67*			
H	442.88*				648.95*			712.52*	60..83*				646.28*		
	636.46*				719.76*			518.53*	731.26*				711.32*		
	412.46*				692.19*			484.12*	695.18*				673.45*		
	404.72*				649.75*			465.66*	662.56*				669.18*		
	611.51*				646.58*			474.43*	684.67*				653.38*		
	614.53*				738.68*			497.43*	733.32*				706.51*		
	298.72*				484.12*			384.88*	553.69*				577.71*		
K					708.47*						714.36*	631.61*			
					911.37*						800.76*	713.97*			
					745.55*						474.25*	671.65*			
					747.26*						882.69*	716.71*			
					415.26*						799.59*	7.....			
					421.03*						902.13*	735.32*			
					754.72*						776.36*	593.10*			
L		532.57*	532.11*			731.90*						646.65*		612.46*	
		749.48*	679.51*			744.12*						691.94*		735.14*	
		733.18*	713.61*			758.33*						636.34*		724.31*	
		655.16*	636.38*			755.77*						713.13*		761.23*	
		671.68*	728.61*			759.46*						634.54*		725.77*	
		614.66*	753.87*			436.74*						731.52*		804.54*	
		517.50*	549.41*			629.21*						590.55*		652.11*	
M			639.33*				715.45*		738.40*	631.32*				459.26*	
			761.69*				851.12*		793.45*	677.27*				566.23*	
			722.06*				835.26*		753.57*	691.41*				543.76*	
			745.33*				774.13*		794.54*	720.62*				544.28*	
			645.24*				769.47*		774.83*	691.38*				528.17*	
			726.23*				568.14*		833.58*	731.70*				528.59*	
			553.24*				734.64*		626.43*	532.31*				372.04*	
N				654.51*				734.04*	651.44*						
				433.12*				852.94*	722.94*						
				398.91*				821.82*	641.45*						
				373.45*				818.65*	719.08*						
				387.62*				814.41*	720.64*						
				428.06*				830.11*	745.55*						
				296.37*				497.68*	556.09*						
O					614.16*	658.91*				652.92*		490.73*			
					746.75*	787.59*				734.84*		516.16*			
					734.82*	707.41*				744.07*		490.57*			
					717.55*	727.69*				779.51*		500.21*			
					713.21*	709.33*				737.96*		469.37*			
					715.91*	729.23*				772.95*		468.05*			
					567.38*	578.54*				541.47*		265.28*			
P						553.86*									
						703.48*									
						784.42*									
						685.51*									
						736.93*									
						712.98*									
						549.72*									
R							416.64*			326.77*					
							477.18*			414.36*					
							432.95*			417.94*					
							414.33*			415.35*					
							445.61*			415.46*					
							452.29*			411.70*					
							359.17*			314.22*					

CASE 31

TMI-1 CY-1

YEAR 75 MONTH 12 DAY 29

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2585.2	12850.	227.00

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.70*		14.20*		99.60*					
C					99.70*		99.70*		101.00*		99.60*				
D				14.90*		5.70*		91.20*		6.75*		15.30*			
E			99.70*		91.70*		99.70*		98.70*		92.30*		99.70*		
F		99.60*		6.60*		101.00*		99.70*		99.70*		6.75*		99.70*	
G			99.60*		99.70*		99.70*		1.1.00*		101.00*		99.70*		
H		14.30*		91.20*		99.90*		15.40*		99.70*		92.20*		14.30*	
K			102.00*		99.70*		97.60*		101.00*		99.70*		99.70*		
L		99.80*		7.94*		99.90*		99.90*		99.70*		6.72*		99.60*	
M			99.80*		91.10*		99.90*		99.70*		91.20*		99.70*		
N				15.30*		7.46*		91.30*		7.95*		14.20*			
O					99.70*		99.80*		99.50*		99.70*				
P						99.40*		14.30*		99.60*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNCOG

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							547.65*	626.47*							
							711.27*	461.98*							
							661.89*	419.97*							
							644.53*	418.71*							
							619.98*	449.79*							
							650.80*	437.93*							
							436.17*	312.97*							
C						595.85*			712.36*	618.98*			345.48*		
						710.65*			412.32*	731.74*			363.93*		
						739.67*			835.38*	804.82*			359.69*		
						723.29*			833.19*	774.75*			366.41*		
						707.39*			841.29*	743.46*			337.64*		
						753.86*			846.87*	793.17*			336.67*		
						533.65*			754.44*	549.91*			243.73*		
D					563.35*					659.63*				302.10*	
					622.85*					535.52*				366.71*	
					647.46*					547.39*				357.71*	
					670.07*					731.47*				386.41*	
					620.99*					755.64*				360.73*	
					637.69*					918.39*				347.27*	
					531.77*					533.77*				294.54*	
E				629.94*			694.35*		672.42*		682.75*				
				646.32*			976.75*		830.31*		721.23*				
				885.45*			828.51*		819.19*		723.72*				
				641.85*			779.96*		[illegible]		703.51*				
				667.53*			745.18*		731.34*		894.75*				
				667.39*			827.69*		821.41*		734.55*				
				593.17*			656.95*		691.48*		375.99*				
F			538.69*				621.45*	723.29*				686.46*	617.19*		
			541.27*				727.59*	832.69*				502.84*	734.23*		
			773.65*				717.27*	838.35*				618.93*	744.31*		
			742.61*				707.24*	818.95*				774.66*	739.71*		
			672.14*				771.33*	797.46*				760.74*	756.14*		
			718.47*				757.14*	827.55*				634.68*	754.56*		
			593.88*				614.44*	674.61*				613.76*	593.88*		
G		593.21*			430.51*	621.86*			731.79*		691.47*		733.63*		
		674.23*			735.06*	755.53*			743.74*		792.14*		534.95*		
		676.52*			772.77*	724.36*			769.32*		797.43*		506.18*		
		653.64*			714.57*	776.24*			757.92*		418.24*		784.13*		
		627.25*			745.07*	692.36*			756.23*		809.52*		744.87*		
		685.79*			486.83*	769.37*			730.33*		868.59*		484.71*		
		581.53*			634.47*	599.45*			647.80*		681.24*		624.31*		
H	435.48*				627.25*			723.08*	647.92*				629.36*		
	437.63*				738.04*			509.48*	726.01*				705.49*		
	425.64*				711.34*			489.02*	736.30*				698.78*		
	416.97*				736.82*			476.47*	677.69*				686.74*		
	418.45*				668.71*			475.59*	645.62*				661.38*		
	416.79*				736.23*			493.24*	738.53*				733.91*		
	304.88*				677.95*			383.61*	563.37*				596.38*		
K					674.32*						693.88*	631.31*			
					401.61*						795.62*	713.57*			
					489.34*						631.03*	697.71*			
					486.32*						633.96*	735.92*			
					489.29*						412.63*	737.32*			
					417.40*						910.24*	740.32*			
					745.37*						739.26*	683.63*			
		579.68*	608.59*			706.76*					627.41*		594.23*		
		729.88*	676.78*			747.53*					678.69*		732.15*		
			[illegible]			770.17*					719.37*		765.98*		
											[illegible]		779.[illegible]*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			710.47*			752.14*	827.96*				808.68*	796.96*			
			593.88*			638.44*	674.51*				618.76*	593.88*			
G		593.21*			648.31*	623.16*		701.79*		691.47*		733.63*			
		674.27*			735.05*	720.53*		743.74*		782.14*		814.35*			
		676.67*			772.77*	724.34*		769.32*		797.43*		886.16*			
		657.64*			784.97*	726.26*		752.92*		838.75*		794.13*			
		623.22*			745.07*	692.30*		756.23*		825.52*		741.37*			
		689.79*			636.83*	764.37*		730.31*		868.59*		884.71*			
		551.53*			634.47*	599.45*		607.03*		681.25*		624.31*			
H	435.60*				627.25*		730.58*	647.42*				629.35*			
	417.63*				738.09*		509.48*	726.01*				705.49*			
	425.46*				711.13*		489.02*	707.30*				590.78*			
	416.37*				7[illegible]6.82*		476.07*	677.64*				686.7[illegible]*			
	418.45*				648.73*		475.54*	645.02*				661.38*			
	416.79*				714.23*		498.74*	738.53*				713.31*			
	324.80*				477.93*		343.01*	543.37*				594.13*			
K					674.92*					693.84*	611.71*				
					[illegible]*					795.62*	713.57*				
					[illegible]*					871.0[illegible]*	697.71*				
					806.32*					833.96*	735.32*				
					439.23*					812.63*	737.32*				
					917.90*					811.24*	740.32*				
					745.37*					739.26*	683.63*				
L		579.[illegible]*	697.54*			706.76*				622.41*		535.23*			
		729.[illegible]*	676.79*			747.53*				676.64*		732.15*			
		746.26*	744.26*			746.17*				719.37*		745.99*			
		707.21*	717.74*			774.46*				733.29*		779.80*			
		67[illegible].60*	730.27*			76[illegible].06*				711.96*		764.02*			
		694.16*	751.49*			812.97*				757.94*		804.91*			
		622.55*	594.97*			674.74*				598.54*		859.97*			
M			622.63*			681.86*		708.80*	634.41*				496.54*		
			765.17*			841.98*		744.74*	669.46*				568.81*		
			754.84*			834.26*		777.75*	724.82*				655.83*		
			771.29*			735.11*		775.26*	739.40*				557.91*		
			696.51*			758.36*		786.90*	634.45*				529.65*		
			724.36*			864.52*		833.98*	730.56*				537.64*		
			568.49*			748.52*		629.04*	524.47*				379.43*		
N			661.41*			713.26*	627.34*								
			448.96*			842.88*	717.04*								
			419.95*			847.93*	724.35*								
			438.23*			841.44*	740.65*								
			398.66*			826.83*	732.61*								
			433.54*			833.67*	751.8[illegible]*								
			3[illegible].48*			483.97*	571.13*								
O				665.60*	637.91*					631.21*		489.94*			
				734.45*	774.33*					733.65*		524.50*			
				768.56*	743.67*					748.60*		516.74*			
				741.88*	751.07*					806.78*		531.59*			
				724.13*	717.83*					752.57*		483.12*			
				71[illegible].34*	732.47*					782.35*		679.17*			
				548.69*	576.88*					452.11*		272.35*			
P					541.78*										
					636.68*										
					719.91*										
					696.37*										
					722.26*										
					716.49*										
					557.43*										
R						412.25*				324.33*					
					471.97*					413.93*					
					442.39*					427.67*					
					424.26*					425.23*					
					453.18*					428.92*					
					458.44*					414.69*					
					369.45*					321.61*					

CASE 32

TMI-1 CY-1

YEAR 76 MONTH 1 DAY 30

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2529.0	13745.	258.00

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						101.00*		55.00*		101.00*					
C					171.00*		102.00*		101.00*		39.60*				
D				45.61*		20.10*		98.50*		19.50*		85.61*			
E			131.00*		131.30*		99.40*		101.00*		101.00*		101.00*		
F		101.00*		21.11*		102.00*		102.00*		100.00*		20.10*		101.00*	
G			199.90*		99.40*		101.00*		101.00*		99.30*		102.30*		
H		65.90*		101.00*		102.00*		46.10*		101.00*		101.00*		65.70*	
K			104.30*		101.00*		101.00*		101.00*		101.00*		102.00*		
L		171.00*		19.10*		101.00*		100.00*		100.00*		20.10*		101.00*	
M			131.00*		101.30*		99.70*		99.60*		101.00*		101.00*		
N				96.00*		19.60*		100.00*		19.60*		85.50*			
O					131.00*		101.00*		105.00*		101.00*				
P						101.00*		85.60*		100.30*					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPN08C

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						546.33*	571.32*								
						803.21*	816.63*								
						751.97*	881.56*								
						721.04*	776.57*								
						710.48*	833.88*								
						682.88*	752.84*								
						651.86*	289.43*								
C					594.22*			655.61*	596.60*				330.15*		
					781.08*			659.93*	770.65*				425.29*		
					666.48*			782.16*	737.73*				419.37*		
					641.13*			795.28*	638.62*				402.85*		
					679.79*			844.07*	706.36*				398.33*		
					656.46*			864.2.*	738.44*				374.82*		
					691.69*			781.93*	539.76*				226.48*		
D				598.14*						677.63*				266.72*	
				743.11*						732.14*				388.24*	
				652.24*						639.32*				373.51*	
				636.58*						608.56*				376.47*	
				669.27*						694.16*				379.55*	
				654.78*						744.46*				148.29*	
				548.77*						594.81*				233.15*	
E			826.03*			638.14*		6.4.59*			636.34*				
			827.28*			798.93*		751.79*			886.47*				
			677.55*			677.56*		673.35*			653.64*				
			668.53*			631.95*		655.L4*			617.43*				
			707.24*			648.91*		642.26*			668.64*				
			679.51*			729.38*		714.62*			694.50*				
			695.93*			618.50*		641.24*			549.23*				
F			568.84*			542.32*	615.41*				666.24*	589.37*			
			776.18*			865.82*	749.37*				816.15*	802.49*			
			653.54*			621.86*	738.57*				651.90*	722.32*			
			675.19*			686.89*	731.46*				571.07*	662.67*			
			665.77*			642.32*	713.71*				785.89*	730.33*			
			686.63*			669.70*	733.97*				761.41*	749.90*			
			547.61*			577.56*	597.87*				579.22*	539.19*			
G		557.60*			679.20*	567.33*			514.28*		623.07*		679.75*		
		774.54*			773.34*	865.32*			737.34*		742.92*		458.21*		
		781.69*			651.61*	530.41*			724.72*		661.64*		732.47*		
		734.13*			669.57*	629.18*			737.57*		666.69*		756.34*		
		720.34*			665.06*	673.77*			727.47*		697.91*		795.73*		
		661.77*			725.74*	591.34*			742.02*		761.15*		779.38*		
		539.64*			652.76*	547.92*			568.94*		633.85*		584.64*		
H	487.61*				544.72*			889.84*	947.03*				370.69*		
	584.37*				663.92*			887.33*	729.59*				747.89*		
	570.93*				611.14*			838.10*	732.12*				762.96*		
	555.21*				688.82*			600.76*	630.30*				738.16*		
	552.29*				633.45*			889.91*	722.63*				739.93*		
	584.88*				625.93*			793.85*	748.84*				747.68*		
	584.88*				695.68*			731.90*	588.94*				598.94*		
I											562.23*	552.32*			
											787.94*	688.98*			
											688.53*	637.21*			
											716.50*	678.83*			
											696.62*	688.50*			
											733.96*	596.85*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			874.99*			601.06*	730.89*				716.19*	683.89*			
			903.77*			804.96*	711.40*				698.90*	722.82*			
			806.65*			602.32*	718.71*				591.07*	662.67*			
			547.61*			669.28*	731.97*				786.89*	731.83*			
						573.46*	497.67*				746.01*	749.40*			
											574.22*	539.19*			
G		557.59*		628.78*	567.33*			534.88*		623.83*		6.3.75*			
		774.54*		773.43*	665.72*			737.98*		742.92*		658.21*			
		781.09*		631.81*	679.44*			726.72*		661.69*		792.47*			
		739.13*		669.57*	626.18*			707.52*		666.49*		756.34*			
		721.34*		665.06*	673.75*			727.67*		697.91*		795.72*			
		561.77*		720.76*	691.36*			742.92*		761.15*		779.10*			
		538.49*		652.76*	567.92*			566.96*		633.85*		594.44*			
H	407.61*			506.72*			589.06*	547.61*				574.49*			
	590.37*			663.92*			687.33*	729.39*				787.89*			
	578.73*			611.65*			833.18*	732.12*				747.96*			
	553.71*			688.02*			800.78*	640.34*				739.16*			
	553.29*			581.66*			804.91*	722.63*				710.93*			
	589.60*			658.62*			794.25*	748.08*				747.66*			
	245.80*			479.78*			831.92*	580.96*				595.99*			
K				611.16*						623.93*	569.56*				
				777.68*						764.09*	741.76*				
				698.12*						792.25*	616.[illegible]*				
				674.36*						686.53*	627.81*				
				772.78*						716.58*	628.83*				
				621.87*						694.47*	668.74*				
				7[illegible].90*						733.94*	596.89*				
L		536.31*	543.71*			631.86*				594.07*		572.21*			
		769.18*	739.67*			744.78*				717.[illegible]*		80[illegible].32*			
		736.01*	693.14*			769.12*				613.52*		711.45*			
		674.59*	653.1[illegible]*			699.05*				604.37*		716.06*			
		679.63*	710.67*			679.81*				644.44*		731.35*			
		672.23*	713.49*			727.02*				72[illegible].88*		771.61*			
		476.22*	516.22*			590.68*				591.27*		612.1[illegible]*			
M			596.45*				615.24*		6[illegible].55*	577.34*				428.39*	
			547.56*				410.65*		7[illegible].94*	715.93*				580.13*	
			766.64*				716.14*		605.60*	619.38*				556.55*	
			761.61*				467.73*		655.88*	628.62*				546.38*	
			729.63*				698.93*		7[illegible]6.57*	642.34*				533.28*	
			731.54*				779.26*		751.36*	673.41*				515.75*	
			598.98*				780.74*		688.82*	525.31*				346.28*	
N				618.88*				650.56*	593.76*						
				758.65*				834.73*	756.98*						
				744.68*				776.02*	642.48*						
				749.85*				755.26*	641.27*						
				765.68*				778.75*	634.95*						
				772.18*				777.16*	695.92*						
				247.72*				698.65*	566.79*						
O					636.95*	688.26*				615.28*		677.69*			
					847.26*	795.66*				819.18*		652.40*			
					777.29*	695.74*				740.95*		625.17*			
					736.87*	689.67*				754.04*		626.36*			
					754.56*	787.08*				749.78*		598.82*			
					713.99*	736.24*				756.[illegible]8*		544.96*			
					516.37*	533.72*				516.64*		299.82*			
P						584.81*									
						719.56*									
						728.98*									
						696.44*									
						786.88*									
						781.05*									
						515.15*									
R							344.33*			302.86*					
							532.28*			429.17*					
							524.44*			447.87*					
							507.46*			443.41*					
							534.[illegible]*			442.65*					
							565.45*			416.75*					
							367.13*			296.57*					

APPENDIX B

Operating Data, Cycle 2

Table B-1. Operating Data, Cycle 2

Case	Core burrup, MWd/mtU	Core power, MWt	Core boron conc, ppmB
1	9654.0	1013.4	1075.0
2	9657.0	1003.2	1075.0
3	9694.0	1879.3	92[illegible].0
4	9702.0	1834.5	896.0
5	9706.0	1859.5	894.0
6	9796.0	2517.5	838.0
7	10038.0	2524.5	799.0
8	10254.0	2526.4	778.0
9	10446.0	2517.1	769.0
10	10799.0	2507.3	731.0
11	10890.0	2497.4	731.0
12	11103.0	2531.5	699.0
13	11290.0	2502.7	699.0
14	11477.0	2541.6	660.0
15	11710.0	1168.5	660.0
16	11855.0	2540.6	660.0
17	12040.0	2525.4	595.0
18	12239.0	2531.6	589.0
19	12379.0	2508.4	556.0
20	12629.0	2517.5	550.0
21	12839.0	2524.0	520.0
22	13051.0	1279.6	629.0
23	13298.0	2518.3	489.0
24	13482.0	2533.7	470.0
25	13697.0	2513.6	442.0
26	13888.0	2522.9	434.0
27	14094.0	2522.6	409.0
28	14315.0	2530.5	394.0
29	14508.0	2518.7	440.0
30	14727.0	2519.0	330.0
31	14935.0	2524.3	328.0
32	15152.0	2525.2	300.0
33	15372.0	2523.2	274.0
34	15578.0	2515.2	268.0
35	15793.0	2529.6	241.0
36	16046.0	2513.9	206.0
37	16224.0	2498.4	206.0
38	16422.0	2541.5	182.0
39	16642.0	2527.1	182.0
40	16857.0	2524.1	149.0
41	17075.0	2504.8	123.0
42	17229.0	2515.9	115.0
43	17261.0	2515.8	115.0
44	17473.0	2512.9	115.0
45	17545.0	2520.0	115.0

CASE 1

TMI-1 CY-2

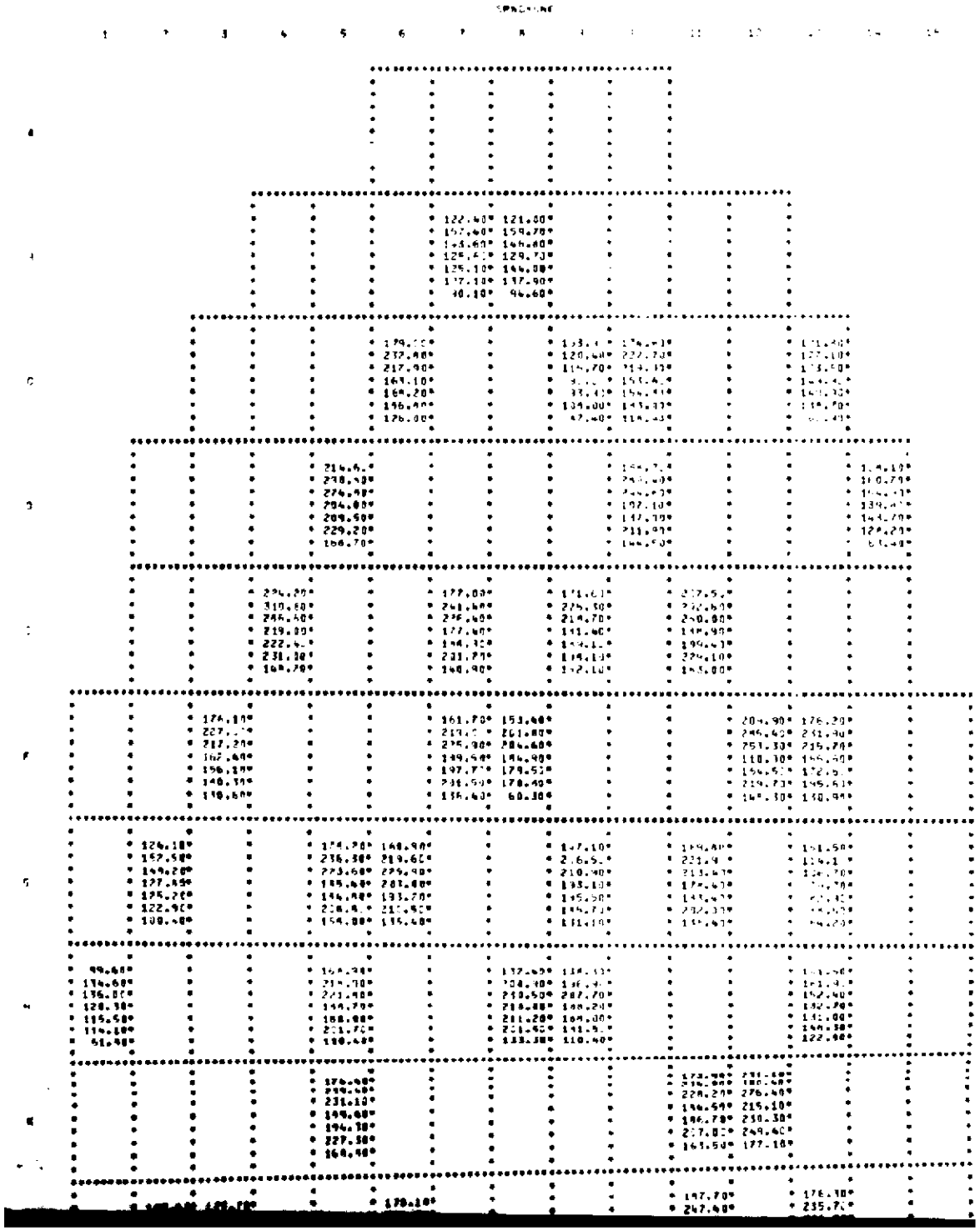
YEAR 76 MONTH 05 DAY 28 HOUR 21 MINUTE 07 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1813.4	9654.0	1875.0

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.998	CORE OUTLET	2178.3	LOOP A INLET TEMP(1)	571.32
RC FLOW LOOP B	69.436	SECONDARY LOOP A	908.70	LOOP A INLET TEMP(2)	569.58
RC TOTAL FLOW	138.39	SECONDARY LOOP B	988.78	LOOP B INLET TEMP(1)	578.35
FEEDWATER FLOW LOOP A	1.9867			LOOP B INLET TEMP(2)	578.88
FEEDWATER FLOW LOOP B	2.8246			FEEDWATER (LOOP A)	374.18
LETDOWN FLOW	.24063E-01			FEEDWATER (LOOP B)	374.18
				REACTOR OUTLET (LOOP A)	589.23
				REACTOR OUTLET (LOOP B)	589.88
				STEAM TEMP(LOOP A)	590.73
				STEAM TEMP (LOOP B)	587.71

FDOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.81%		100.00%					
C					99.74%		8.85%		8.91%		99.44%				
D				81.63%		37.49%		99.78%		36.74%		81.75%			
E			99.44%		99.84%		99.74%		98.7.%		99.76%		99.84%		
F		98.89%		37.77%		100.00%		81.84%		100.00%		35.76%		99.72%	
G			8.99%		99.72%		99.75%		99.69%		98.73%		8.91%		
H		99.67%		99.41%		81.69%		99.52%		81.68%		99.69%		100.00%	
K			8.84%		99.69%		99.81%		100.00%		98.78%		8.91%		
L		99.78%		36.72%		99.90%		81.57%		99.84%		36.66%		99.72%	
M			99.81%		99.75%		99.73%		99.84%		99.69%		99.99%		
N				81.81%		36.75%		99.68%		36.74%		81.68%			
O					99.69%		8.94%		8.84%		100.00%				
P						99.44%		99.81%		99.84%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



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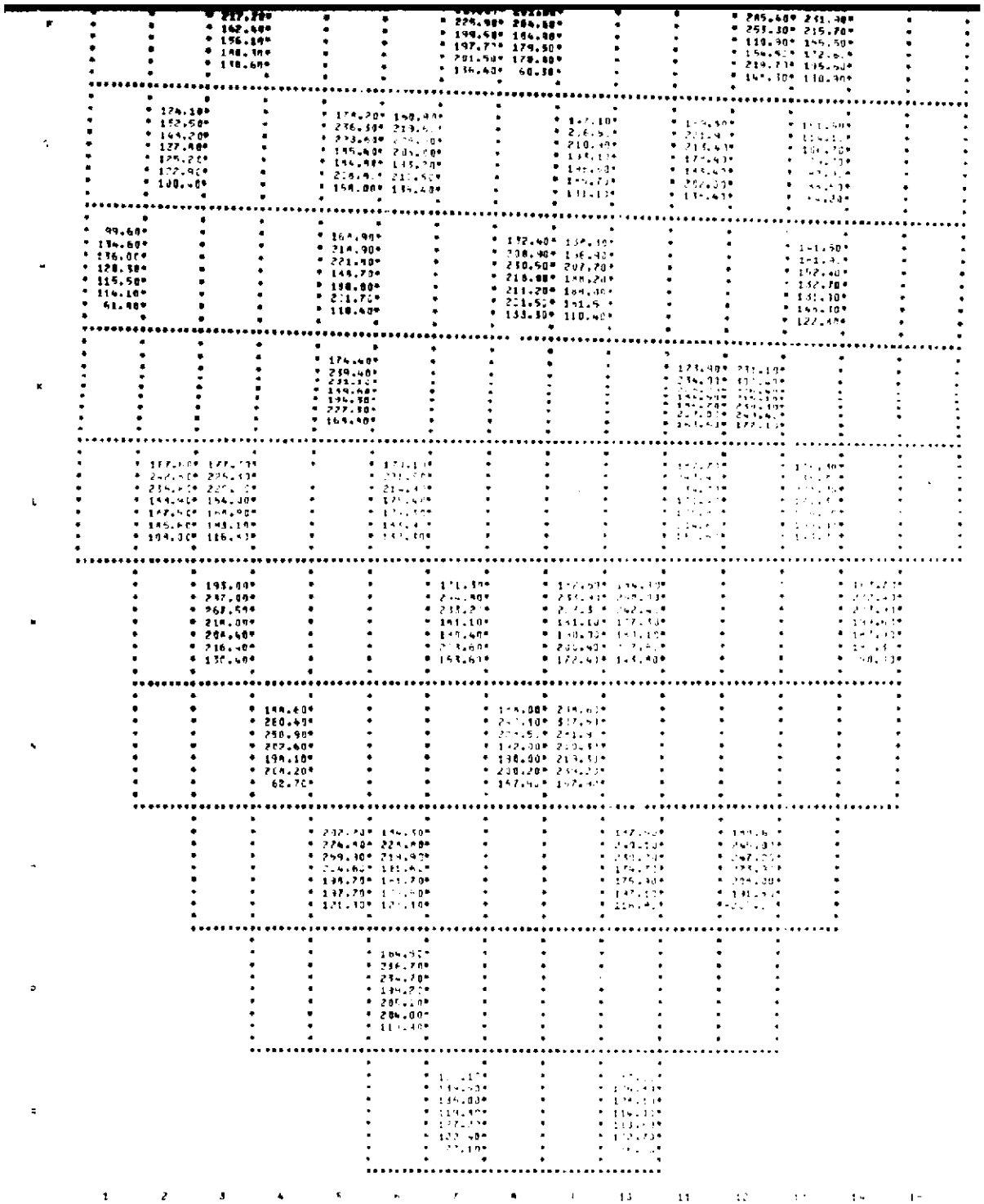

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TOTAL

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							24.91%	25.74%							
C						29.17%			37.72%	40.74%			44.32%		
D					44.24%					53.77%				21.57%	
E				62.49%			44.79%		46.71%		71.53%				
F			36.37%				41.62%	56.79%				29.63%	30.44%		
G		21.89%			34.54%	55.44%			34.6[illegible]%		41.53%		29.77%		
H	22.58%				27.29%			35.31%	44.73%				29.55%		
K					38.61%						45.13%	41.21%			
L		36.53%	37.75%			34.03%					34.9[illegible]%		36.51%		
M			46.66%				41.40%		37.41%	35.77%				36.75%	
N				34.24%				35.92%	44.4[illegible]%						
O					43.15%	33.46%				37.[illegible]%		24.61%			
P						33.43%									
R							14.28%			22.03%					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

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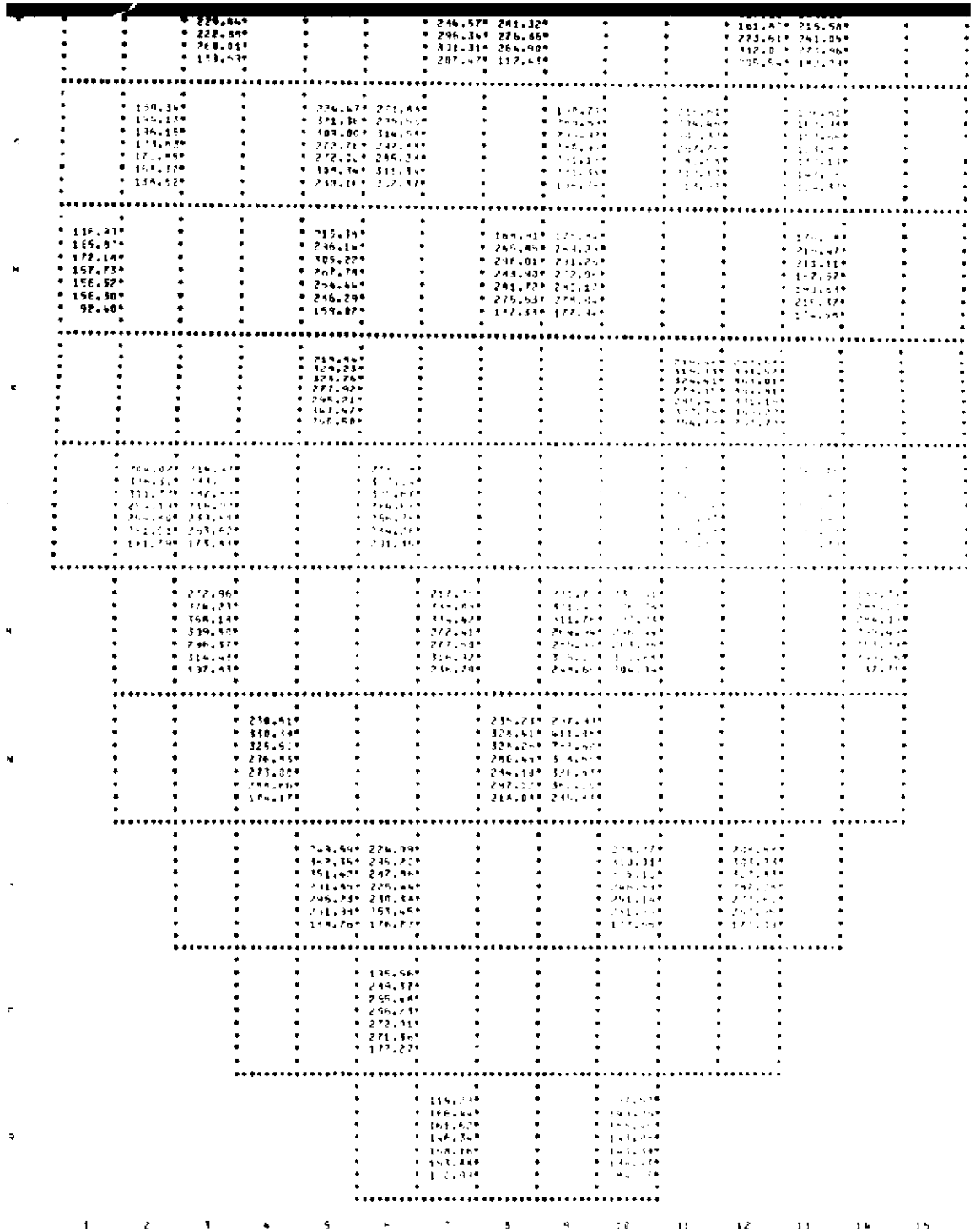

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CASE 2

TMI-1 CY-2

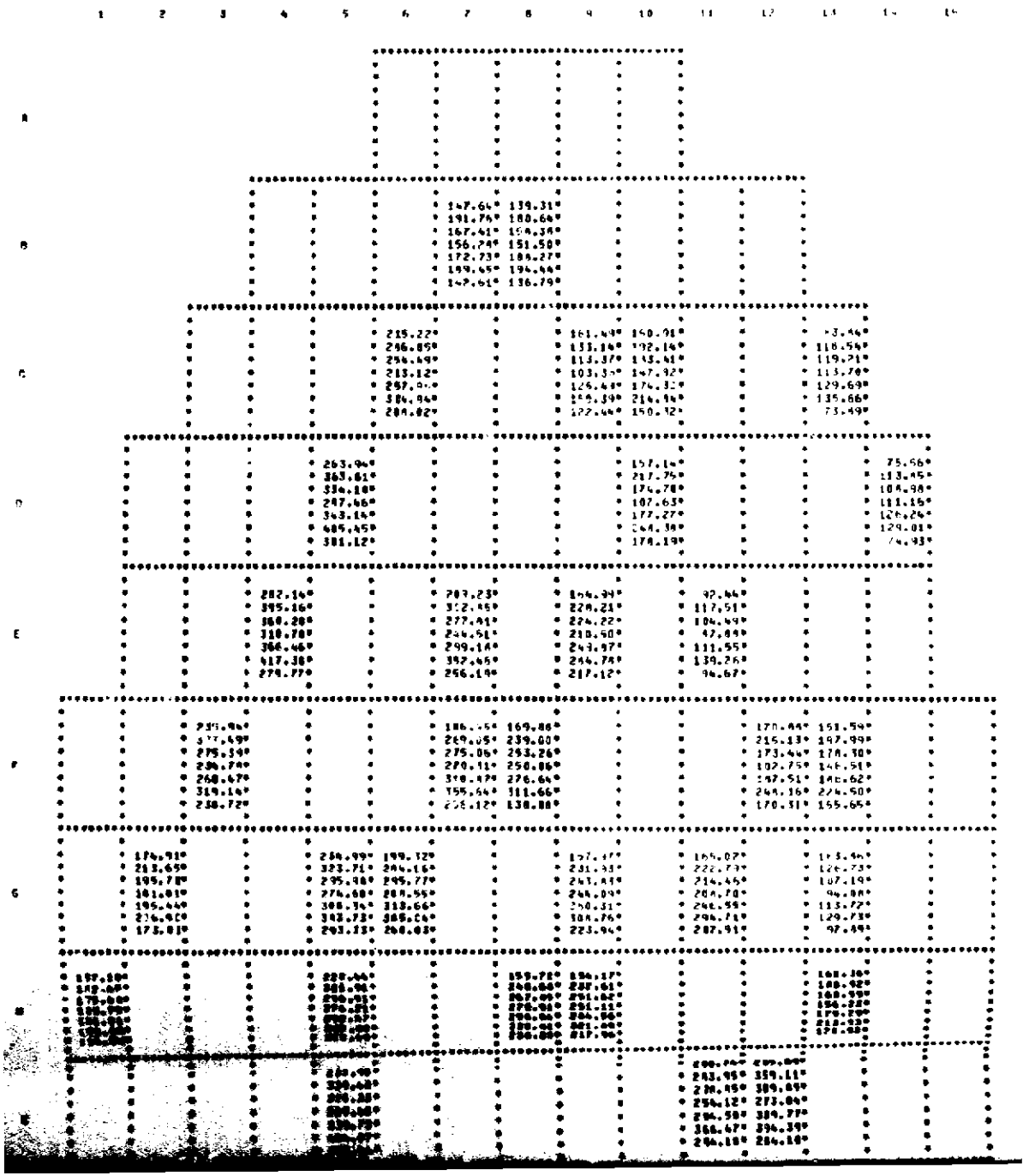
YEAR 76 MONTH 05 DAY 29 HOUR 02 MINUTE 44 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1883.2	9657.8	1875.8

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.782	CORE OUTLET	2176.2	LOOP A INLET TEMP(1)	569.04
RC FLOW LOOP B	69.844	SECONDARY LOOP A	987.48	LOOP A INLET TEMP(2)	567.36
RC TOTAL FLOW	138.29	SECONDARY LOOP B	987.48	LOOP B INLET TEMP(1)	571.28
FEEDWATER FLOW LOOP A	1.8915			LOOP B INLET TEMP(2)	578.89
FEEDWATER FLOW LOOP B	2.8961			FEEDWATER (LOOP A)	373.98
LETDOWN FLOW	.24599E-01			FEEDWATER (LOOP B)	373.90
				REACTOR OUTLET (LOOP A)	587.67
				REACTOR OUTLET (LOOP B)	598.11
				STEAM TEMP(LOOP A)	587.78
				STEAM TEMP (LOOP B)	589.81

PODW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		100.00%					
C					99.70%		15.21%		15.33%		99.81%				
D				88.88%		33.51%		99.75%		34.62%		88.17%			
E			99.84%		99.81%		99.78%		98.73%		.85%		99.84%		
F		99.88%		35.61%		100.00%		88.85%		130.30%		33.66%		99.75%	
G			14.25%		99.75%		99.74%		99.69%		98.78%		15.36%		
H		99.90%		99.70%		88.88%		99.53%		88.82%		99.69%		100.00%	
K			15.30%		99.66%		99.81%		100.00%		98.70%		15.33%		
L		99.11%		35.64%		99.90%		87.93%		99.66%		36.50%		99.75%	
M			99.81%		99.69%		99.74%		99.81%		99.72%		99.90%		
N				88.28%		35.67%		99.57%		35.70%		87.99%			
O					99.69%		14.37%		15.27%		100.00%				
P						99.84%		99.81%		99.69%					
R															



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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F															
G															
H															
K															
L															
M															
N															
O															
Q															
R															

CASE 3

TMI-1 CY-2

YEAR 76 MONTH 05 DAY 30 HOUR 19 MINUTE 59 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1879.3	9694.0	923.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.227	CORE OUTLET	2179.2	LOOP A INLET TEMP(1)	562.91
RC FLOW LOOP B	69.936	SECONDARY LOOP A	987.58	LOOP A INLET TEMP(2)	561.21
RC TOTAL FLOW	139.51	SECONDARY LOOP B	987.58	LOOP B INLET TEMP(1)	561.88
FEEDWATER FLOW LOOP A	3.9186			LOOP B INLET TEMP(2)	561.91
FEEDWATER FLOW LOOP B	3.8433			FEEDWATER (LOOP A)	428.84
LETDOWN FLOW	.27036E-01			FEEDWATER (LOOP B)	428.84
				REACTOR OUTLET (LOOP A)	596.18
				REACTOR OUTLET (LOOP B)	595.88
				STEAM TEMP(LOOP A)	595.86
				STEAM TEMP (LOOP B)	592.31

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.70%		100.00%					
C					99.74%		8.95%		6.91%		99.64%				
D				81.63%		29.22%		99.70%		28.17%		81.74%			
E			99.84%		99		99.61%		98.73%		98.79%		99.44%		
F		94.28%		28.85%		100.00%		81.66%		100.00%		26.07%		99.69%	
G			8.84%		99.79%		99.75%		99.72%		98.78%		8.94%		
H		99.98%		99.81%		92.74%		99.98%		82.68%		99.72%		100.00%	
K			6.91%		99.69%		99.81%		100.00%		98.78%		6.91%		
L		99.81%		28.17%		99.98%		82.58%		99.84%		28.11%		99.75%	
M			99.81%		99.72%		99.84%		99.81%		99.69%		99.96%		
N				82.43%		24.11%		99.57%		26.17%		82.68%			
O					99.66%		8.94%		8.85%		101.00%				
P						99.87%		99.81%		99.66%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SP400C

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							279.49*	279.21*							
							353.47*	340.99*							
							324.62*	332.25*							
							321.12*	336.53*							
							349.26*	401.98*							
							345.33*	379.19*							
							298.20*	299.02*							
C						302.99*			353.73*	346.03*			247.16*		
						512.33*			265.53*	494.04*			346.45*		
						425.16*			251.83*	443.13*			347.26*		
						411.20*			256.84*	411.48*			343.84*		
						499.78*			303.67*	441.34*			369.92*		
						587.67*			322.19*	577.74*			348.58*		
						327.34*			247.67*	333.49*			173.72*		
D					475.98*					429.94*				219.72*	
					633.49*					589.79*				322.45*	
					542.14*					315.46*				312.57*	
					535.59*					316.79*				328.23*	
					642.58*					569.87*				356.51*	
					434.82*					489.31*				319.29*	
					498.84*					483.68*				175.41*	
E				437.38*			484.88*		392.53*		448.35*				
				370.38*			578.33*		528.94*		611.52*				
				572.58*			512.08*		584.21*		508.84*				
				987.73*			443.32*		502.90*		498.83*				
				676.92*			948.82*		588.23*		686.68*				
				538.46*			597.17*		575.67*		622.58*				
				459.63*			483.98*		410.94*		395.67*				
F			392.48*				383.99*	358.28*				464.68*	388.19*		
			494.85*				518.83*	494.46*				544.23*	5 3.26*		
			429.16*				518.67*	517.54*				322.99*	434.61*		
			422.19*				529.68*	524.46*				315.71*	418.46*		
			481.37*				540.61*	544.94*				541.58*	533.78*		
			449.14*				542.18*	524.12*				686.82*	528.86*		
			346.35*				394.58*	217.08*				358.73*	345.75*		
G		279.70*			406.48*	364.54*			349.08*		395.73*		383.57*		
		339.61*			558.95*	538.41*			494.30*		518.43*		284.25*		
		339.10*			449.38*	527.01*			516.71*		494.35*		246.16*		
		323.77*			582.77*	534.46*			522.72*		587.48*		248.91*		
		345.31*			556.78*	561.74*			571.74*		548.91*		282.49*		
		331.38*			597.66*	481.31*			546.24*		686.67*		285.84*		
		287.48*			434.62*	374.98*			371.46*		487.27*		282.28*		
H	271.24*				319.33*			381.13*	328.86*				321.71*		
	299.14*				586.98*			466.62*	472.54*				374.90*		
	299.71*				449.57*			517.25*	509.38*				351.92*		
	294.38*				494.04*			526.44*	583.81*				353.26*		
	317.44*				517.20*			568.97*	545.85*				392.16*		
	369.58*				586.15*			536.79*	544.64*				417.83*		
	143.68*				384.58*			388.82*	339.14*				332.98*		
K					398.29*						337.84*	314.98*			
					564.09*						544.46*	674.19*			
					528.81*						523.35*	563.89*			
					514.79*						522.37*	572.47*			
					684.98*						588.23*	787.65*			
					468.48*						637.25*	696.75*			
					473.48*						486.87*	475.42*			
											417.89*		382.47*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			486.09*				518.03*	496.48*				468.68*	388.19*		
			479.19*				510.67*	517.56*				594.23*	5 3.26*		
			422.19*				529.68*	524.46*				322.99*	436.61*		
			481.37*				506.61*	548.94*				315.71*	418.66*		
			499.19*				502.10*	524.12*				591.51*	513.28*		
			396.31*				394.58*	217.88*				686.92*	528.86*		
												399.73*	345.75*		
G		279.78*			406.44*	364.56*			344.88*		395.71*		361.57*		
		339.81*			550.95*	518.41*			436.33*		519.43*		286.25*		
		330.69*			449.33*	527.61*			516.71*		494.34*		246.16*		
		323.77*			482.77*	530.46*			522.72*		587.40*		248.91*		
		345.31*			556.78*	561.74*			571.76*		590.93*		282.99*		
		331.38*			597.66*	681.31*			546.74*		686.67*		255.04*		
		287.40*			434.62*	379.98*			371.46*		487.27*		282.28*		
H	271.29*				389.33*			388.13*	820.46*				321.71*		
	295.14*				508.98*			466.82*	670.54*				376.9C*		
	299.73*				498.67*			517.29*	605.30*				351.92*		
	298.38*				494.05*			526.44*	583.01*				353.28*		
	317.68*				517.30*			548.57*	545.85*				392.16*		
	369.52*				554.15*			538.79*	548.65*				417.83*		
	183.48*				384.98*			358.02*	339.14*				332.93*		
K					396.39*						397.44*	416.44*			
					461.28*						454.44*	475.14*			
					528.81*						528.39*	463.19*			
					514.79*						422.37*	472.47*			
					484.96*						488.23*	287.69*			
					469.48*						437.25*	496.75*			
					473.48*						486.87*	476.62*			
L		373.82*	391.19*			389.44*					417.89*		382.57*		
		529.74*	477.91*			571.14*					561.96*		512.41*		
		499.14*	433.64*			447.71*					484.17*		439.19*		
		476.64*	397.14*			495.48*					471.94*		461.67*		
		514.38*	411.77*			541.68*					554.83*		524.32*		
		519.32*	512.14*			552.69*					622.87*		469.54*		
		384.29*	391.61*			382.32*					428.57*		140.37*		
M			428.36*				392.98*		419.58*	416.49*				346.46*	
			484.51*				548.14*		558.37*	552.51*				492.55*	
			564.41*				536.14*		499.89*	495.62*				471.35*	
			447.87*				587.24*		501.67*	481.68*				482.34*	
			486.16*				478.32*		592.24*	565.87*				518.35*	
			482.21*				514.17*		591.62*	583.32*				484.81*	
			378.54*				449.87*		389.44*	346.18*				262.38*	
N				413.44*			428.83*	544.27*							
				556.80*			562.04*	699.78*							
				517.97*			529.67*	596.13*							
				519.82*			424.19*	562.11*							
				592.43*			588.81*	709.67*							
				559.04*			571.63*	712.67*							
				399.42*			412.82*	467.27*							
O					449.34*	484.92*				415.53*		375.58*			
					512.04*	502.32*				529.39*		517.43*			
					598.47*	438.65*				461.43*		588.38*			
					539.61*	415.26*				463.62*		531.57*			
					409.68*	494.88*				537.97*		546.31*			
					561.29*	491.84*				565.46*		496.12*			
					394.78*	389.92*				358.20*		267.56*			
P						356.48*									
						501.65*									
						404.14*									
						473.88*									
						549.34*									
						527.65*									
						327.41*									
R							214.45*			181.88*					
							296.18*			265.27*					
							277.57*			267.48*					
							276.83*			272.84*					
							319.98*			291.74*					
							318.42*			273.41*					
							197.73*			167.73*					

CASE 4

TMI-1 CY-2

YEAR 76 MONTH 05 DAY 31 HOUR 03 MINUTE 36 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1834.5	9702.8	896.08

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.232	CORE OUTLET	2178.9	LOOP A INLET TEMP(1)	563.52
RC FLOW LOOP B	69.884	SECONDARY LOOP A	986.88	LOOP A INLET TEMP(2)	561.71
RC TOTAL FLOW	139.11	SECONDARY LOOP B	986.88	LOOP B INLET TEMP(1)	562.38
FEEDWATER FLOW LOOP A	3.7716			LOOP B INLET TEMP(2)	562.50
FEEDWATER FLOW LOOP B	3.7887			FEEDWATER (LOOP A)	427.68
LETDOWN FLOW	.27059E-01			FEEDWATER (LOOP B)	427.68
				REACTOR OUTLET (LOOP A)	595.78
				REACTOR OUTLET (LOOP B)	595.37
				STEAM TEMP(LOOP A)	595.06
				STEAM TEMP (LOOP B)	592.25

POOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72%		99.75%		100.00%					
C					99.74%		6.66%		6.77%		99.61%				
D				88.52%		12.12%		99.78%		11.81%		88.64%			
E			99.84%		99.84%		99.78%		98.78%		98.73%		99.84%		
F		98.22%		13.14%		100.00%		88.55%		100.00%		11.84%		99.72%	
G			6.75%		99.72%		99.75%		99.69%		98.78%		6.78%		
H		99.98%		99.78%		98.61%		99.93%		98.52%		99.66%		100.00%	
K			6.75%		99.69%		99.81%		100.00%		98.78%		6.78%		
L		99.81%		13.23%		99.98%		88.49%		99.84%		12.89%		99.75%	
M			99.81%		99.75%		99.81%		99.84%		99.69%		99.96%		
N				88.70%		13.14%		99.87%		12.14%		88.49%			
O					99.69%		6.78%		6.69%		100.03%				
P						99.84%		99.78%		99.69%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPMDOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							172.72*	172.28*							
							249.62*	256.73*							
							339.98*	319.66*							
							383.68*	397.18*							
							349.81*	481.99*							
							371.48*	486.56*							
							260.67*	266.85*							
C						245.32*			213.92*	239.58*			161.84*		
						311.41*			185.60*	299.88*			249.48*		
						489.88*			240.74*	424.72*			336.69*		
						567.98*			331.62*	559.68*			411.56*		
						598.82*			392.81*	566.17*			426.48*		
						542.78*			343.13*	549.98*			357.62*		
						337.58*			251.29*	344.41*			177.22*		
D					381.48*					263.27*				141.55*	
					392.14*					235.68*				231.68*	
					534.98*					385.25*				374.21*	
					738.64*					653.54*				393.87*	
					758.68*					674.85*				484.47*	
					667.92*					646.14*				336.49*	
					459.34*					414.69*				188.08*	
E				316.82*			260.55*		258.83*		292.64*				
				419.28*			385.64*		358.07*		393.64*				
				548.58*			498.07*		467.98*		499.53*				
				772.53*			629.25*		637.81*		695.27*				
				882.11*			684.31*		675.17*		712.82*				
				872.46*			632.29*		686.19*		696.95*				
				819.89*			418.11*		627.79*		485.66*				
F			247.69*				243.26*	241.92*				289.83*	241.97*		
			306.24*				372.62*	378.17*				236.15*	313.71*		
			488.11*				497.38*	581.89*				323.02*	417.42*		
			572.07*				624.92*	613.44*				459.58*	564.34*		
			678.27*				664.42*	624.45*				443.35*	596.78*		
			538.87*				683.29*	526.66*				642.41*	554.46*		
			366.01*				400.71*	222.80*				448.69*	355.64*		
G		176.82*			261.83*	263.67*			237.88*		252.93*		226.77*		
		239.88*			376.16*	372.23*			378.78*		361.81*		183.96*		
		311.42*			461.84*	502.58*			499.67*		477.81*		240.58*		
		369.41*			635.46*	634.17*			601.44*		659.28*		316.15*		
		482.93*			647.46*	644.47*			639.85*		664.17*		338.62*		
		356.36*			431.12*	424.71*			565.37*		631.31*		301.19*		
		277.96*			444.48*	307.28*			375.74*		411.05*		204.47*		
H	141.27*				253.91*			216.69*	221.13*				147.57*		
	218.86*				355.98*			363.43*	367.17*				248.49*		
	284.88*				476.72*			495.17*	466.05*				335.41*		
	346.17*				602.46*			648.86*	568.96*				432.48*		
	366.27*				689.58*			688.56*	607.58*				469.48*		
	334.28*				984.43*			656.21*	954.21*				442.84*		
	192.69*				919.43*			362.89*	349.68*				342.37*		
I					256.11*						257.89*	320.25*			
					378.28*						367.81*	418.83*			
					499.88*						499.41*	535.81*			
					648.87*						653.96*	777.14*			
					699.14*						676.47*	825.88*			
					781.18*						663.26*	748.77*			
					601.98*						491.75*	487.81*			
						254.88*					285.44*		238.46*		
											381.24*		318.14*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			600.88*				497.30*	501.09*				236.35*	313.71*		
			572.07*				624.92*	613.06*				323.02*	417.82*		
			573.27*				664.92*	624.65*				659.58*	554.34*		
			538.87*				683.29*	524.64*				683.35*	596.78*		
			366.014				456.71*	222.00*				642.41*	559.96*		
												400.69*	355.64*		
G		176.42*			261.41*	263.47*		237.00*		292.91*		220.37*			
		239.06*			370.16*	372.23*		378.71*		351.41*		163.35*			
		311.42*			461.05*	502.54*		449.67*		477.01*		240.69*			
		339.41*			535.46*	634.17*		601.44*		639.28*		316.14*			
		402.93*			667.66*	644.63*		659.84*		664.17*		330.62*			
		358.16*			631.12*	624.73*		565.37*		633.31*		391.19*			
		277.96*			444.49*	307.28*		375.75*		413.05*		209.97*			
H	141.27*				253.91*		216.69*	221.68*				197.57*			
	218.86*				358.98*		363.43*	363.18*				256.69*			
	284.08*				476.72*		495.17*	486.85*				334.41*			
	346.17*				602.66*		598.88*	560.96*				432.48*			
	364.27*				608.58*		606.56*	607.58*				449.98*			
	334.28*				584.63*		566.11*	554.21*				442.84*			
	182.68*				315.63*		367.89*	343.68*				342.37*			
K					296.11*					257.89*	128.24*				
					378.26*					366.83*	414.43*				
					499.85*					499.42*	535.51*				
					648.87*					653.96*	777.34*				
					639.14*					676.67*	825.89*				
					731.18*					663.76*	740.77*				
					681.96*					691.75*	687.81*				
L		237.88*	243.10*			255.39*				265.69*		218.46*			
		368.87*	295.25*			364.28*				341.24*		314.14*			
		473.85*	418.24*			498.46*				444.7*		415.24*			
		582.21*	549.61*			613.71*				542.10*		511.72*			
		685.68*	599.37*			623.42*				665.55*		611.18*			
		558.54*	549.64*			581.67*				656.35*		540.51*			
		323.94*	347.10*			331.60*				439.31*		394.60*			
M			268.77*				253.97*	278.94*	264.87*				224.36*		
			423.88*				389.97*	373.37*	343.83*				346.78*		
			534.17*				507.12*	494.26*	472.54*				455.63*		
			724.71*				648.33*	640.57*	652.49*				549.35*		
			714.78*				668.88*	643.28*	668.68*				593.71*		
			642.78*				645.96*	616.48*	617.49*				514.53*		
			394.94*				458.79*	388.65*	334.94*				273.71*		
N				263.98*			268.83*	339.26*							
				376.79*			378.23*	434.66*							
				482.88*			584.63*	568.41*							
				648.63*			656.85*	801.03*							
				651.38*			674.17*	833.71*							
				573.36*			685.58*	748.62*							
				209.00*			423.62*	461.51*							
O					247.91*	256.30*			268.10*		244.85*				
					400.16*	318.78*			328.63*		365.70*				
					532.57*	485.79*			448.61*		484.14*				
					699.38*	571.39*			624.46*		647.85*				
					728.85*	584.88*			632.17*		632.99*				
					682.69*	528.93*			542.27*		517.45*				
					366.62*	347.99*			348.67*		296.43*				
P						226.79*									
						346.74*									
						462.79*									
						577.97*									
						631.68*									
						562.17*									
						337.10*									
Q							137.48*			116.63*					
							213.79*			191.22*					
							263.24*			254.94*					
							322.63*			319.33*					
							366.93*			334.98*					
							330.97*			293.09*					
							236.12*			174.48*					

CASE 5

TMI-1 CY-2

YEAR 76 MONTH 05 DAY 31 HOUR 07 MINUTE 48 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1859.5	9706.0	894.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.923	CORE OUTLET	2179.1	LOOP A INLET TEMP(1)	563.11
RC FLOW LOOP B	69.848	SECONDARY LOOP A	904.70	LOOP A INLET TEMP(2)	561.52
RC TOTAL FLOW	138.78	SECONDARY LOOP B	984.70	LOOP B INLET TEMP(1)	561.99
FEEDWATER FLOW LOOP A	3.8484			LOOP B INLET TEMP(2)	562.13
FEEDWATER FLOW LOOP B	3.7688			FEEDWATER (LOOP A)	427.96
LETDOWN FLOW	.27044E-01			FEEDWATER (LOOP B)	427.96
				REACTOR OUTLET (LOOP A)	596.08
				REACTOR OUTLET (LOOP B)	595.80
				STEAM TEMP(LOOP A)	595.27
				STEAM TEMP (LOOP B)	592.45

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72%		99.70%		[illegible]					
C					99.78%		8.45%		[illegible]		99.91%				
D				82.66%		37.48%		99.75%		18.91%		82.80%			
E			99.84%		99.46%		99.78%		99.70%		94.73%		99.44%		
F		98.26%		48.92%		100.00%		82.68%		100.00%		37.97%		99.72%	
G			9.99%		99.72%		99.75%		99.66%		98.67%		9.33%		
H		49.91%		99.70%		82.74%		99.98%		42.68%		39.69%		100.00%	
I			8.91%		39.66%		99.81%		100.00%		98.70%		18.85%		
L		99.79%		39.93%		99.98%		82.56%		99.74%		34.79%		99.75%	
M			99.91%		99.72%		99.41%		99.81%		99.65%		99.86%		
N				82.43%		39.96%		99.94%		34.96%		82.62%			
O					99.69%		9.94%		9.96%		100.00%				
P						99.87%		99.78%		99.69%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNCDC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							343.45*	343.75*							
							445.24*	453.84*							
							401.17*	418.37*							
							311.48*	326.82*							
							246.36*	302.62*							
							243.48*	274.95*							
							177.31*	183.87*							
C						447.49*			445.50*	448.55*			306.19*		
						638.84*			367.80*	619.30*			434.10*		
						596.80*			336.23*	616.57*			427.38*		
						396.47*			249.33*	394.04*			330.41*		
						329.74*			214.24*	318.21*			273.69*		
						353.63*			234.67*	365.32*			241.29*		
						232.07*			149.93*	239.50*			123.50*		
D					594.94*					535.49*				272.44*	
					806.07*					755.14*				489.74*	
					755.14*					678.64*				386.55*	
					628.71*					396.76*				314.01*	
					621.41*					257.56*				263.41*	
					441.67*					432.27*				227.69*	
					337.12*					291.51*				124.17*	
E				608.46*			499.59*		485.95*		540.16*				
				848.47*			721.33*		671.76*		788.39*				
				794.53*			671.48*		659.93*		707.79*				
				655.98*			474.57*		445.99*		473.49*				
				442.18*			419.32*		413.95*		398.39*				
				444.66*			423.33*		411.04*		439.96*				
				292.49*			291.65*		313.51*		287.94*				
F			445.42*				447.62*	461.27*				583.31*	483.74*		
			627.10*				638.38*	619.65*				764.41*	646.07*		
			598.56*				639.71*	620.02*				689.44*	607.47*		
			417.24*				418.43*	585.92*				292.65*	348.22*		
			315.01*				461.13*	418.48*				261.94*	348.73*		
			352.97*				429.46*	381.69*				424.53*	343.22*		
			263.76*				292.45*	156.44*				248.86*	254.32*		
G		347.46*			499.28*	466.55*			426.56*		490.44*		458.73*		
		627.26*			645.85*	637.53*			616.94*		652.98*		357.57*		
		439.64*			642.02*	650.35*			617.34*		639.54*		327.44*		
		317.96*			496.28*	531.15*			504.12*		488.96*		227.88*		
		256.17*			488.96*	424.83*			446.14*		428.91*		195.73*		
		279.96*			428.38*	444.41*			4[illegible].77*		443.19*		148.10*		
		197.50*			319.95*	242.18*			274.48*		283.10*		143.93*		
H	276.72*				479.48*			378.63*	394.48*				484.16*		
	388.91*				636.95*			573.58*	582.14*				479.98*		
	361.41*				633.14*			687.93*	681.38*				449.84*		
	288.63*				445.58*			514.85*	493.64*				345.25*		
	243.79*				371.93*			439.82*	434.21*				288.42*		
	216.92*				399.65*			401.89*	435.62*				314.42*		
	129.49*				284.49*			263.87*	283.37*				258.03*		
K					448.88*						492.11*	438.63*			
					709.68*						692.45*	880.33*			
					645.68*						687.95*	786.25*			
					589.44*						513.59*	558.37*			
					442.28*						428.33*	481.18*			
					498.44*						471.28*	491.44*			
					358.48*						373.24*	348.63*			
						479.25*					536.02*		474.33*		

		627.19*			610.38*	419.65*			563.31*	483.78*				
		598.96*			638.71*	628.02*			796.61*	646.87*				
		617.24*			514.63*	505.92*			689.44*	607.67*				
		319.01*			451.15*	414.88*			292.65*	398.22*				
		352.97*			429.46*	381.49*			261.94*	344.25*				
		263.86*			292.95*	154.49*			424.53*	343.22*				
									740.86*	254.32*				
	367.46*		499.28*	446.55*			426.56*		493.44*		4[illegible]4.73*			
	427.26*		445.05*	637.53*			616.94*		667.40*		347.57*			
	479.64*		642.82*	550.35*			617.36*		639.64*		327.44*			
	317.96*		496.28*	531.15*			585.12*		448.96*		227.88*			
	256.12*		430.96*	424.83*			446.14*		426.41*		195.73*			
	229.96*		425.38*	444.81*			4[illegible].77*		447.19*		198.10*			
	197.18*		319.95*	292.38*			273.44*		307.10*		143.93*			
274.22*			479.48*			378.63*	396.46*				404.36*			
368.91*			638.95*			573.50*	582.14*				479.98*			
381.41*			633.14*			687.93*	681.38*				449.86*			
288.61*			485.58*			514.85*	493.64*				345.25*			
243.75*			371.13*			439.82*	434.21*				286.62*			
218.92*			399.66*			401.85*	425.42*				314.42*			
129.45*			284.49*			263.87*	263.37*				250.03*			
			496.88*						492.11*	435.43*				
			749.44*						692.45*	462.33*				
			449.60*						682.95*	786.25*				
			509.44*						513.59*	558.32*				
			462.28*						428.33*	481.16*				
			498.64*						471.23*	491.44*				
			354.45*						373.24*	348.63*				
	463.05*	435.51*			479.24*				516.07*		474.15*			
	667.39*	689.58*			658.89*				598.64*		664.15*			
	632.42*	604.77*			635.60*				681.34*		614.41*			
	463.83*	349.47*			448.77*				462.31*		435.65*			
	374.28*	339.21*			395.34*				375.43*		358.23*			
	359.16*	348.55*			336.43*				447.63*		404.90*			
	217.78*	233.18*			279.42*				189.94*		296.39*			
		518.73*			445.14*		519.56*	512.25*				426.52*		
		481.61*			733.67*		694.42*	755.12*				620.11*		
		741.35*			704.96*		658.44*	696.03*				592.16*		
		546.88*			508.13*		476.67*	472.18*				465.24*		
		424.87*			418.04*		414.33*	341.56*				369.91*		
		421.28*			448.68*		425.19*	416.70*				343.65*		
		263.96*			337.19*		375.33*	277.18*				183.22*		
			5[illegible]8.61*			5[illegible].28*	475.25*							
			784.52*			715.62*	834.99*							
			672.67*			689.52*	819.60*							
			494.24*			514.42*	963.94*							
			389.49*			422.58*	468.71*							
			399.41*			411.28*	489.83*							
			135.35*			386.55*	321.55*							
				564.21*	582.68*			514.44*		463.20*				
				774.37*	640.16*			675.11*		651.47*				
				731.14*	608.86*			648.96*		636.60*				
				921.18*	488.46*			452.99*		514.84*				
				417.65*	324.32*			368.47*		394.24*				
				383.50*	344.14*			384.49*		350.85*				
				248.98*	239.79*			232.41*		307.26*				
					443.69*									
					631.64*									
					617.95*									
					466.94*									
					418.99*									
					398.38*									
					242.69*									
						266.36*		225.46*						
						370.28*		334.64*						
						339.43*		328.46*						
						278.98*		265.51*						
						245.63*		221.74*						
						218.68*		196.38*						
						143.98*		121.75*						

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

CASE 6

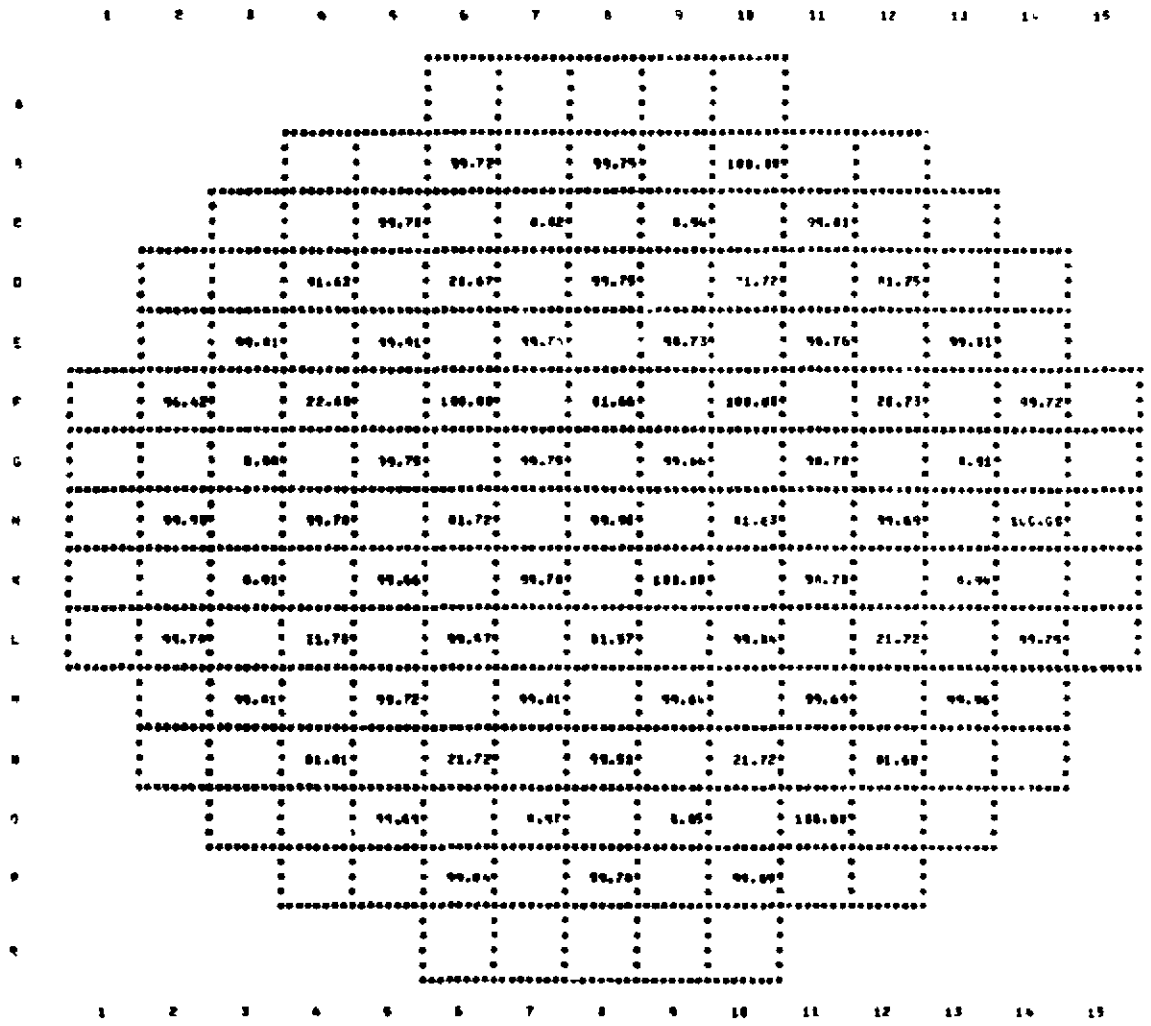
TMI-1 CY-2

YEAR 76 MONTH 06 DAY 03 HOUR 11 MINUTE 12 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2517.5	9796.0	638.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.454	CORE OUTLET	2178.6	LOOP A INLET TEMP(1)	557.8[illegible]
RC FLOW LOOP B	70.195	SECONDARY LOOP A	906.60	LOOP A INLET TEMP(2)	556.06
RC TOTAL FLOW	139.02	SECONDARY LOOP B	906.60	LOOP B INLET TEMP(1)	556.52
FEEDWATER FLOW LOOP A	5.3538			LOOP B INLET TEMP(2)	556.86
FEEDWATER FLOW LOOP B	5.3214			FEEDWATER (LOOP A)	458.46
LETDOWN FLOW	.24728E-01			FEEDWATER (LOOP B)	458.46
				REACTOR OUTLET (LOOP A)	602.16
				REACTOR OUTLET (LOOP B)	601.86
				STEAM TEMP(LOOP A)	595.61
				STEAM TEMP (LOOP B)	592.18

POOM



SPHDOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							385.86*	365.99*							
							474.84*	487.87*							
							439.84*	451.77*							
							443.42*	467.96*							
							483.74*	541.57*							
							449.11*	495.88*							
							321.11*	329.91*							
C						543.52*			492.66*	533.01*			340.34*		
						448.84*			375.83*	427.55*			461.20*		
						553.84*			334.41*	582.69*			461.45*		
						591.18*			365.59*	595.34*			471.51*		
						449.3*			413.25*	443.46*			498.40*		
						449.46*			420.12*	653.46*			436.79*		
						413.57*			321.46*	426.42*			223.11*		
D					462.41*					591.21*				383.31*	
					410.58*					738.84*				438.72*	
					497.61*					426.81*				419.10*	
					763.21*					551.92*				451.97*	
					853.29*					769.16*				473.96*	
					401.70*					774.69*				409.88*	
					564.18*					589.71*				224.54*	
E				640.81*			562.38*		545.11*		643.65*				
				861.60*			748.45*		646.59*		741.83*				
				739.81*			674.19*		672.77*		684.14*				
				805.48*			696.21*		711.17*		716.75*				
				898.41*			797.76*		776.31*		887.44*				
				806.44*			761.14*		734.71*		792.64*				
				527.32*			589.14*		535.69*		496.55*				
F			546.76*				539.59*	581.38*				646.34*	537.39*		
			641.67*				686.81*	671.71*				716.75*	649.68*		
			598.37*				696.24*	780.86*				620.29*	572.32*		
			680.39*				729.84*	722.41*				594.21*	596.48*		
			647.31*				782.74*	733.25*				779.42*	689.76*		
			439.12*				748.64*	679.78*				775.58*	682.67*		
			452.35*				581.96*	276.65*				492.44*	443.19*		
G		591.69*			564.44*	589.34*			486.87*		558.32*		506.63*		
		487.49*			725.49*	685.81*			677.88*		643.96*		385.63*		
		642.73*			643.81*	706.94*			793.79*		653.18*		328.55*		
		640.69*			781.73*	748.55*			717.17*		720.88*		347.74*		
		484.44*			747.29*	740.48*			703.17*		777.44*		381.65*		
		620.31*			785.89*	776.42*			7.9.42*		780.12*		365.47*		
		346.98*			551.78*	645.46*			476.42*		519.71*		254.20*		
H	311.58*				541.64*			436.95*	651.71*				449.29*		
	483.68*				874.14*			641.53*	646.34*				498.12*		
	486.21*				865.21*			785.18*	691.62*				471.57*		
	418.47*				846.32*			719.39*	692.64*				497.98*		
	478.98*				491.59*			731.74*	738.58*				320.17*		
	484.17*				710.28*			898.26*	782.88*				543.89*		
	288.97*				344.84*			496.67*	437.94*				431.37*		
K					958.42*						556.87*	709.31*			
					734.87*						719.84*	870.45*			
					689.69*						699.34*	735.34*			
					721.19*						739.35*	825.92*			
					689.32*						794.34*	950.07*			
					896.68*						874.25*	880.53*			
					683.69*						624.89*	687.13*			
											678.19*		528.36*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			688.39*				496.24*	766.66*				716.75*	649.68*		
			847.81*				729.04*	722.61*				428.29*	572.32*		
			634.12*				782.74*	733.25*				594.21*	594.68*		
			452.39*				748.68*	675.78*				779.62*	669.75*		
							581.96*	276.65*				775.58*	652.67*		
												642.44*	443.19*		
G		391.69*			564.46*	508.14*			646.07*		510.32*		506.63*		
		457.49*			725.49*	645.01*			677.40*		665.96*		465.63*		
		442.73*			643.01*	736.94*			703.79*		643.10*		424.55*		
		448.64*			701.73*	748.55*			717.17*		720.00*		347.74*		
		464.46*			747.29*	744.88*			763.17*		777.44*		341.65*		
		429.31*			765.09*	774.42*			7.9.4.*		780.12*		365.67*		
		346.98*			551.78*	645.46*			676.42*		519.71*		254.28*		
H	311.58*				561.44*		436.95*	451.71*				449.29*			
	483.79*				674.34*		641.53*	646.36*				498.12*			
	486.21*				665.21*		785.18*	691.62*				471.57*			
	418.47*				606.32*		719.39*	692.64*				497.51*			
	428.92*				691.98*		731.76*	738.58*				528.17*			
	484.17*				714.28*		698.26*	782.08*				563.49*			
	238.57*				306.84*		486.57*	437.94*				431.37*			
K					498.64*						786.87*	780.31*			
					724.87*						784.64*	470.44*			
					649.99*						649.89*	724.39*			
					721.19*						798.39*	424.92*			
					669.32*						796.39*	951.09*			
					656.48*						824.25*	698.53*			
					683.55*						626.89*	682.13*			
E		516.69*	537.44*			542.01*					578.19*		528.1*		
		771.28*	614.24*			649.96*					784.42*		564.63*		
		687.41*	561.28*			667.69*					643.22*		574.28*		
		655.21*	578.27*			695.85*					644.34*		637.31*		
		486.53*	596.46*			723.43*					762.24*		724.76*		
		654.85*	656.42*			711.08*					404.31*		709.75*		
		393.16*	423.47*			484.63*					547.13*		5[illegible].17*		
M			578.45*				546.47*		543.46*	576.19*				473.1*	
			826.92*				766.61*		719.10*	713.54*				651.79*	
			735.38*				711.59*		664.15*	644.62*				627.46*	
			749.20*				714.48*		718.50*	638.35*				603.41*	
			408.32*				765.47*		796.17*	763.42*				674.42*	
			781.82*				792.68*		759.88*	758.22*				622.30*	
			669.39*				574.64*		622.32*	644.28*				332.[illegible]*	
N				567.41*				593.68*	751.44*						
				726.68*				741.44*	901.27*						
				676.79*				788.76*	761.90*						
				788.12*				736.23*	839.77*						
				732.33*				778.88*	947.32*						
				718.90*				733.88*	840.88*						
				249.39*				524.58*	565.53*						
O					619.64*	588.63*				576.48*		519.64*			
					796.98*	658.28*				643.24*		642.54*			
					724.61*	559.02*				606.43*		669.9[illegible]*			
					754.23*	597.84*				668.47*		728.34*			
					488.51*	665.88*				723.13*		714.57*			
					718.31*	635.62*				781.84*		430.01*			
					445.98*	426.58*				419.13*		347.37*			
P						495.66*									
						645.12*									
						648.69*									
						695.86*									
						732.66*									
						648.45*									
						621.98*									
Q							388.77*			294.13*					
							481.57*			354.38*					
							378.38*			361.44*					
							342.94*			375.10*					
							429.16*			393.29*					
							482.69*			357.85*					
							257.66*			217.42*					

CASE 7

TMI-1 CY-2

YEAR 76 MONTH 06 DAY 11 HOUR 09 MINUTE 08 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2524.5	18836.	799.08

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.249	CORE OUTLET	2178.5	LOOP A INLET TEMP(1)	557.53
RC FLOW LOOP B	69.812	SECONDARY LOOP A	989.78	LOOP A INLET TEMP(2)	555.78
RC TOTAL FLOW	139.66	SECONDARY LOOP B	989.78	LOOP B INLET TEMP(1)	556.36
FEEDWATER FLOW LOOP A	5.3419			LOOP B INLET TEMP(2)	556.36
FEEDWATER FLOW LOOP B	5.2785			FEEDWATER (LOOP A)	457.37
LETDOWN FLOW	.24728E-01			FEEDWATER (LOOP B)	457.37
				REACTOR OUTLET (LOOP A)	681.68
				REACTOR OUTLET (LOOP B)	681.38
				STEAM TEMP(LOOP A)	595.86
				STEAM TEMP (LOOP B)	591.63

POOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69*		99.75*		100.00*					
C					99.41*		6.69*		6.78*		99.81*				
D				79.60*		20.78*		99.78*		19.54*		79.65*			
E			99.84*		99.44*		100.00*		99.73*		99.79*		99.44*		
F		99.72*		19.43*		100.00*		79.53*		100.00*		19.60*		99.75*	
G			6.72*		99.74*		99.75*		99.69*		99.73*		6.66*		
H		99.90*		99.78*		79.56*		99.98*		79.50*		99.72*		100.00*	
I			6.78*		99.69*		99.81*		[illegible]		99.72*		6.78*		
L		99.78*		19.59*		99.98*		79.66*		99.67*		19.56*		99.75*	
M			99.81*		99.78*		99.76*		99.79*		99.69*		99.96*		
N				79.65*		19.59*		99.57*		19.59*		79.47*			
O					99.60*		6.74*		6.72*		100.00*				
P						99.98*		99.78*		99.69*					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPN08C

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							369.83*	372.05*							
							472.49*	406.35*							
							449.97*	468.15*							
							460.84*	489.81*							
							478.8**	895.89*							
							449.91*	497.56*							
							322.24*	330.69*							
C						525.20*			456.69*	517.51*			359.30*		
						424.14*			304.62*	685.45*			467.73*		
						363.42*			341.96*	596.17*			476.69*		
						429.60*			385.84*	633.91*			483.66*		
						571.22*			417.97*	651.85*			489.88*		
						594.67*			415.55*	642.39*			412.78*		
						426.35*			316.24*	428.58*			216.25*		
D					643.64*					577.11*				381.78*	
					775.61*					638.57*				424.79*	
					782.6**					413.66*				428.23*	
					880.49*					648.51*				465.84*	
					845.39*					766.94*				474.44*	
					759.84*					753.63*				398.16*	
					664.38*					695.94*				221.16*	
E				672.34*			556.02*		548.55*		634.99*				
				828.85*			734.48*		664.37*		753.85*				
				742.28*			686.18*		645.45*		675.72*				
				845.89*			728.64*		738.15*		753.74*				
				890.51*			743.63*		778.14*		798.16*				
				741.53*			729.03*		767.63*		753.57*				
				495.39*			496.51*		528.14*		483.88*				
F			526.99*				513.64*	586.51*				631.83*	528.99*		
			619.14*				685.78*	674.47*				596.63*	675.87*		
			563.53*				736.62*	714.71*				427.74*	587.22*		
			634.81*				742.63*	737.11*				786.76*	632.86*		
			658.77*				774.84*	724.97*				777.69*	695.91*		
			623.85*				703.70*	563.16*				751.55*	669.19*		
			446.81*				486.73*	264.87*				480.21*	437.68*		
G		374.48*			957.61*	912.95*			495.73*		545.89*		468.19*		
		495.12*			731.46*	883.26*			681.83*		871.37*		359.71*		
		496.95*			652.38*	715.46*			714.43*		666.66*		337.47*		
		471.53*			726.69*	756.96*			728.52*		747.69*		366.25*		
		473.74*			743.35*	741.52*			752.00*		776.21*		387.20*		
		428.98*			731.39*	729.36*			664.49*		751.60*		359.58*		
		349.33*			548.36*	469.48*			469.90*		587.21*		254.42*		
H	382.13*				517.37*			446.71*	461.75*				422.29*		
	483.05*				866.49*			651.41*	654.98*				491.64*		
	419.64*				871.42*			716.86*	705.85*				486.82*		
	428.38*				788.27*			727.69*	783.14*				528.42*		
	436.48*				669.20*			722.18*	722.98*				534.90*		
	427.95*				679.88*			668.28*	657.73*				548.46*		
	234.53*				876.88*			630.61*	421.69*				479.18*		
K					548.24*						351.86*	482.69*			
					726.58*						708.06*	834.25*			
					781.78*						711.14*	745.36*			
					747.87*						766.67*	868.21*			
					887.09*						790.82*	946.93*			
					824.71*						796.64*	880.34*			
					987.58*						612.31*	589.19*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				609.79*	674.47*				596.63*	675.87*		
			636.830				736.02*	714.71*				627.74*	587.22*		
			648.78*				742.63*	737.81*				706.76*	632.06*		
			623.49*				774.84*	724.97*				777.69*	695.91*		
			646.01*				713.75*	583.16*				751.53*	669.19*		
							486.73*	266.87*				640.21*	457.68*		
G		376.66*			557.61*	512.55*			495.71*		545.09*		478.19*		
		455.12*			711.66*	683.26*			681.83*		671.32*		365.71*		
		456.65*			652.34*	715.45*			716.41*		656.56*		337.47*		
		471.43*			726.69*	756.46*			774.52*		747.64*		366.25*		
		473.76*			743.33*	741.52*			754.00*		776.21*		387.20*		
		428.98*			731.55*	729.36*			664.49*		751.60*		359.58*		
		349.31*			548.36*	449.48*			460.90*		507.21*		254.82*		
H	302.13*				537.38*			446.71*	461.75*				422.24*		
	493.65*				666.86*			651.01*	654.98*				491.64*		
	419.64*				673.02*			716.86*	705.05*				486.82*		
	428.38*				705.27*			727.09*	713.14*				528.42*		
	436.48*				687.28*			722.18*	722.06*				534.90*		
	467.95*				677.58*			659.25*	657.73*				548.46*		
	290.63*				371.02*			438.61*	421.69*				429.18*		
K					545.26*						551.06*	682.65*			
					720.00*						744.46*	634.75*			
					781.76*						731.14*	749.36*			
					747.07*						766.47*	844.21*			
					807.05*						790.82*	946.93*			
					826.71*						796.64*	868.34*			
					547.58*						612.31*	589.19*			
L		584.82*	578.15*			545.27*					576.45*		513.16*		
		688.42*	597.71*			642.67*					686.55*		640.34*		
		673.15*	571.51*			674.25*					665.57*		586.41*		
		677.86*	608.27*			716.67*					724.11*		576.55*		
		674.64*	692.07*			716.81*					742.63*		710.10*		
		648.87*	643.35*			648.57*					776.42*		647.56*		
		387.85*	415.24*			475.93*					531.42*		496.38*		
M			560.92*				541.98*		574.25*	569.10*				478.94*	
			809.87*				751.81*		786.24*	647.62*				641.21*	
			743.34*				722.47*		676.84*	658.28*				638.28*	
			819.91*				742.53*		737.31*	736.52*				683.13*	
			790.96*				763.23*		749.63*	768.55*				673.75*	
			732.38*				761.71*		729.43*	722.74*				605.71*	
			456.56*				561.71*		617.88*	677.94*				328.31*	
N				863.24*				574.89*	721.83*						
				713.42*				726.58*	861.35*						
				683.29*				712.79*	771.35*						
				724.29*				761.39*	884.93*						
				729.92*				779.58*	942.14*						
				621.87*				714.69*	861.72*						
				239.49*				614.69*	956.13*						
O					621.69*	943.64*				556.45*		516.35*			
					777.87*	679.81*				654.39*		673.88*			
					736.25*	971.28*				618.78*		678.66*			
					785.16*	838.87*				718.35*		749.11*			
					807.67*	668.14*				777.67*		715.45*			
					681.38*	822.83*				648.18*		593.98*			
					636.78*	818.67*				611.19*		316.65*			
P						481.64*									
						653.86*									
						658.76*									
						675.17*									
						736.61*									
						868.27*									
						414.26*									
Q							294.84*			249.16*					
							488.96*			357.49*					
							349.47*			371.33*					
							347.49*			348.93*					
							438.75*			539.87*					
							404.23*			356.71*					
							259.88*			218.35*					

CASE 8

TMI-1 CY-2

YEAR 76 MONTH 06 DAY 14 HOUR 11 MINUTE 16 REF EDT

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPM)
2526.4	10254.	776.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.288	CORE OUTLET	2178.3	LOOP A INLET TEMP(1)	557.56
RC FLOW LOOP B	69.781	SECONDARY LOOP A	892.78	LOOP A INLET TEMP(2)	555.78
RC TOTAL FLOW	139.54	SECONDARY LOOP B	892.70	LOOP B INLET TEMP(1)	556.37
FEEDWATER FLOW LOOP A	5.3227			LOOP B INLET TEMP(2)	556.72
FEEDWATER FLOW LOOP B	5.3848			FEEDWATER (LOOP A)	457.84
LETDOWN FLOW	.24581E-01			FEEDWATER (LOOP B)	457.84
				REACTOR OUTLET (LOOP A)	601.75
				REACTOR OUTLET (LOOP B)	601.41
				STEAM TEMP(LOOP A)	595.61
				STEAM TEMP (LOOP B)	592.38

POD4

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.81%					
C					99.70%		6.66%		6.74%		99.81%				
D				49.42%		20.67%		99.75%		19.59%		51.78%			
E			99.44%		99.84%		100.00%		98.78%		98.76%		99.44%		
F		99.72%		20.67%		100.00%		81.66%		100.00%		18.60%		99.75%	
G			6.75%		99.72%		99.78%		99.66%		99.78%		6.77%		
H		99.92%		99.74%		81.66%		99.90%		81.66%		99.69%		100.00%	
K			6.75%		99.69%		99.81%		100.00%		99.75%		7.09%		
L		99.74%		19.62%		99.90%		81.97%		99.84%		19.56%		99.75%	
M			99.41%		99.72%		99.79%		98.76%		99.69%		99.93%		
N				41.01%		20.67%		99.51%		19.59%		41.60%			
O					99.69%		6.74%		7.00%		100.00%				
P						99.84%		99.78%		99.69%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDDC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							391.91*	392.90*							
							494.39*	499.85*							
							467.68*	469.36*							
							455.55*	478.87*							
							466.97*	547.27*							
							461.69*	581.19*							
							327.29*	336.03*							
C						567.38*			441.37*	519.48*			347.69*		
						839.52*			376.33*	620.37*			461.25*		
						554.83*			338.55*	549.63*			468.39*		
						608.71*			374.35*	611.53*			466.77*		
						656.49*			411.24*	637.75*			477.89*		
						638.69*			417.89*	645.91*			473.17*		
						413.98*			322.55*	428.19*			221.75*		
D					654.13*					542.50*				309.08*	
					749.24*					674.27*				429.67*	
					649.60*					486.91*				419.51*	
					766.11*					643.02*				449.75*	
					824.57*					748.54*				464.98*	
					769.67*					757.52*				484.11*	
					564.83*					504.18*				225.46*	
E				484.46*			571.51*		555.25*		648.11*				
				836.38*			742.38*		630.79*		763.03*				
				726.11*			673.55*		678.66*		659.27*				
				888.58*			638.28*		787.93*		718.26*				
				867.60*			764.74*		752.32*		777.59*				
				774.65*			739.29*		715.85*		760.85*				
				583.90*			585.66*		538.50*		492.08*				
F			547.29*				523.38*	517.25*				651.65*	542.26*		
			632.71*				684.96*	674.38*				648.39*	641.82*		
			658.19*				644.53*	696.57*				620.87*	561.03*		
			618.21*				715.55*	718.72*				662.64*	608.93*		
			637.67*				758.88*	789.88*				761.22*	681.99*		
			679.83*				728.92*	639.36*				756.31*	674.87*		
			455.12*				497.12*	275.83*				498.34*	444.17*		
G		398.92*			573.03*	521.63*			581.67*		560.84*		504.96*		
		466.54*			717.75*	684.62*			678.87*		679.19*		366.24*		
		457.46*			639.35*	699.37*			696.54*		653.34*		334.76*		
		468.88*			699.64*	728.70*			732.63*		719.21*		355.25*		
		468.87*			728.19*	724.62*			737.53*		745.67*		379.77*		
		458.41*			741.42*	746.49*			643.10*		718.45*		384.54*		
		354.94*			551.32*	480.83*			475.05*		518.51*		261.43*		
H	317.39*				551.93*			653.96*	654.47*				454.44*		
	413.91*				671.17*			647.23*	652.21*				503.35*		
	416.45*				661.18*			695.80*	647.81*				482.18*		
	418.87*				688.89*			732.14*	629.26*				507.55*		
	431.57*				672.60*			786.68*	787.68*				524.16*		
	486.68*				692.21*			674.11*	677.95*				543.33*		
	243.89*				348.38*			462.26*	433.46*				434.45*		
I						560.84*					985.74*	788.61*			
						781.49*					713.11*	846.92*			
						806.98*					687.23*	729.27*			
						719.54*					736.96*	828.73*			
						798.64*					774.62*	928.96*			
						835.58*					884.23*	860.49*			
						608.14*					623.54*	598.25*			
											582.45*		536.16*		

CASE 9

TMI-1 CY-2

YEAR 76 MONTH 06 DAY 25 HOUR 09 MINUTE 09 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2517.1	18466.	769.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.784	CORE OUTLET	2168.3	LOOP A INLET TEMP(1)	558.83
RC FLOW LOOP B	69.844	SECONDARY LOOP A	907.40	LOOP A INLET TEMP(2)	556.12
RC TOTAL FLOW	139.34	SECONDARY LOOP B	907.40	LOOP B INLET TEMP(1)	556.80
FEEDWATER FLOW LOOP A	5.3368			LOOP B INLET TEMP(2)	557.12
FEEDWATER FLOW LOOP B	5.2838			FEEDWATER (LOOP A)	457.53
LETDOWN FLOW	.26020E-01			FEEDWATER (LOOP B)	457.53
				REACTOR OUTLET (LOOP A)	601.97
				REACTOR OUTLET (LOOP B)	601.62
				STEAM TEMP(LOOP A)	595.68
				STEAM TEMP (LOOP B)	592.52

RODN

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.78%		99.91%					
C					99.78%		6.66%		6.78%		99.91%				
D				88.52%		20.78%		99.78%		18.54%		81.75%			
E			99.84%		99.91%		99.91%		99.73%		99.79%		99.44%		
F		99.72%		19.53%		100.00%		81.69%		100.00%		19.68%		99.72%	
G			6.72%		99.72%		59.78%		99.63%		98.67%		6.78%		
H		99.95%		99.81%		81.69%		99.98%		81.63%		99.69%		100.00%	
K			6.75%		99.69%		99.91%		100.00%		100.00%		6.78%		
L		99.78%		19.59%		99.98%		81.57%		99.47%		19.59%		99.75%	
M			99.81%		99.72%		99.44%		99.81%		99.69%		99.96%		
N				81.81%		19.53%		99.91%		19.59%		81.60%			
O					99.69%		6.78%		6.72%		100.00%				
P						99.87%		99.78%		99.66%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPN00C

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							379.82*	379.32*							
							476.89*	491.55*							
							451.83*	478.14*							
							467.22*	489.87*							
							478.14*	568.71*							
							461.99*	589.78*							
							336.37*	343.87*							
C					526.18*			463.96*	[illegible]				332.11*		
					619.14*			304.0.*	599.60*				450.07*		
					596.95*			339.56*	591.02*				460.30*		
					615.32*			317.65*	624.90*				473.52*		
					686.06*			417.62*	647.66*				645.29*		
					647.14*			424.03*	655.81*				629.52*		
					428.44*			327.73*	436.37*				226.48*		
D					641.37*				570.64*					3.0.16*	
					755.44*				622.80*					420.65*	
					644.90*				484.10*					420.64*	
					770.85*				671.83*					457.37*	
					831.58*				756.03*					470.72*	
					775.35*				762.35*					409.07*	
					649.69*				504.41*					230.21*	
E				658.94*			551.69*		535.84*		622.71*				
				885.21*			719.25*		670.25*		733.45*				
				721.69*			669.88*		646.41*		656.24*				
				823.67*			699.76*		716.44*		729.95*				
				875.51*			771.04*		759.21*		741.45*				
				788.39*			743.21*		770.91*		764.15*				
				589.96*			510.21*		536.83*		496.74*				
F			526.60*				506.48*	581.85*				625.95*	523.02*		
			611.73*				666.68*	656.39*				586.22*	620.93*		
			556.18*				692.68*	692.74*				570.85*	582.74*		
			627.91*				720.95*	714.65*				9.27*	622.49*		
			640.14*				761.24*	713.86*				.01*	6 3.12*		
			635.41*				724.81*	644.58*				...07*	6.2.28*		
			461.64*				520.43*	278.25*				496.23*	451.63*		
G		384.48*			553.55*	584.84*			447.74*		542.22*		474.78*		
		458.10*			594.95*	665.46*			662.35*		656.78*		354.77*		
		457.64*			633.85*	692.87*			649.72*		649.49*		336.69*		
		471.23*			789.39*	782.34*			735.14*		728.33*		36[illegible].37*		
		477.25*			734.38*	729.28*			739.15*		765.81*		[illegible]7.32*		
		448.89*			746.24*	748.41*			6[illegible].32*		763.85*		347.62*		
		383.18*			556.54*	643.84*			479.64*		522.85*		264.36*		
H	389.12*				533.55*			441.95*	456.38*				431.52*		
	487.89*				691.49*			636.41*	636.46*				491.97*		
	428.95*				655.95*			688.83*	679.69*				443.88*		
	429.11*				686.88*			782.38*	679.32*				517.39*		
	441.37*				678.68*			788.48*	789.89*				638.83*		
	417.81*				698.98*			675.84*	682.38*				348.99*		
	249.45*				384.69*			468.18*	438.33*				448.84*		
K					941.26*					944.98*	675.33*				
					789.78*					697.68*	815.38*				
					882.88*					691.29*	723.84*				
					727.98*					746.36*	841.39*				
					798.84*					788.59*	925.82*				
					838.98*					688.85*	863.84*				
					687.17*					428.96*	683.88*				

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			627.01*			682.60*	602.76*					506.22*	620.93*		
			640.16*			720.90*	714.65*					620.85*	582.78*		
			579.01*			761.26*	718.7[illegible]*					659.27*	622.49*		
			661.64*			724.01*	644.58*					767.81*	693.12*		
						550.43*	276.25*					751.82*	602.24*		
												496.21*	451.63*		
G		396.62*			553.55*	584.86*		647.78*		542.28*			474.90*		
		658.16*			694.95*	685.46*		662.35*		656.78*			354.77*		
		667.69*			693.05*	697.87*		649.72*		649.49*			336.69*		
		671.23*			789.35*	772.34*		705.1[illegible]*		726.79*			363.37*		
		677.26*			736.36*	729.26*		739.15*		765.01*			387.32*		
		449.89*			746.26*	746.61*		666.32*		763.95*			367.62*		
		367.16*			556.54*	443.04*		671.84*		522.45*			264.36*		
H	389.12*				458.55*			441.95*	456.38*				431.52*		
	487.89*				641.89*			630.41*	636.68*				491.97*		
	620.96*				695.95*			608.83*	679.64*				483.68*		
	629.11*				686.08*			702.35*	679.32*				517.39*		
	641.37*				678.69*			788.68*	789.89*				535.83*		
	417.01*				696.92*			675.96*	681.39*				548.99*		
	249.45*				384.85*			450.18*	438.53*				541.08*		
K					941.24*					946.94*	975.31*				
					789.73*					931.68*	935.38*				
					682.88*					849.25*	723.64*				
					737.96*					749.36*	882.24*				
					796.81*					788.69*	929.82*				
					838.09*					85[illegible].85*	863.89*				
					687.17*					82[illegible].96*	603.84*				
L		504.67*	528.3[illegible]*			534.13*				566.82*			513.71*		
		603.56*	598.88*			664.13*				667.62*			635.26*		
		664.42*	563.39*			652.95*				631.25*			581.98*		
		668.63*	599.57*			697.82*				705.73*			667.26*		
		684.78*	688.54*			786.72*				750.96*			7[illegible]6.56*		
		652.29*	696.74*			694.45*				745.74*			784.25*		
		488.83*	428.66*			6[illegible]1.98*				547.85*			510.39*		
M			562.92*			537.88*		571.82*	563.17*				467.73*		
			709.26*			733.98*		689.31*	671.02*				631.46*		
			728.44*			788.32*		657.58*	639.37*				626.37*		
			801.60*			728.57*		717.17*	717.47*				671.01*		
			788.14*			752.77*		777.1[illegible]*	749.63*				668.50*		
			746.23*			775.78*		745.11*	738.62*				613.81*		
			468.87*			577.95*		459.38*	498.78*				336.81*		
N				546.88*			576.64*	713.47*							
				696.29*			713.76*	640.86*							
				817.31*			698.18*	749.69*							
				788.04*			765.79*	657.47*							
				728.73*			771.88*	923.29*							
				646.61*			724.00*	866.32*							
				249.69*			520.06*	562.80*							
O					639.17*	563.69*				556.75*		589.89*			
					759.66*	621.37*				651.68*		660.63*			
					721.41*	564.07*				618.63*		602.27*			
					765.78*	629.36*				761.64*		732.13*			
					798.18*	669.57*				724.91*		788.23*			
					697.31*	634.66*				782.46*		614.85*			
					452.64*	483.35*				425.46*		357.73*			
P						684.88*									
						649.18*									
						653.71*									
						671.92*									
						736.38*									
						681.29*									
						427.49*									
R							380.22*			253.01*					
							484.69*			359.51*					
							391.47*			371.49*					
							480.12*			398.69*					
							464.91*			483.14*					
							415.78*			366.73*					
							269.92*			227.58*					

CASE 10

TMI-1 CY-2

YEAR 76 MONTH 07 DAY 06 HOUR 09 MINUTE 25 REF EDT

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2587.3	18799.	731.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.472	CORE OUTLET	2176.7	LOOP A INLET TEMP(1)	557.3[illegible]
RC FLOW LOOP B	78.214	SECONDARY LOOP A	-3487.6	LOOP A INLET TEMP(2)	555.74
RC TOTAL FLOW	139. 4	SECONDARY LOOP B	-3487.6	LOOP B INLET TEMP(1)	556.[illegible]
FEEDWATER FLOW LOOP A	5.3135			LOOP B INLET TEMP(2)	556.52
FEEDWATER FLOW LOOP B	5.2342			FEEDWATER (LOOP A)	457.46
LETDOWN FLOW	.24436E-01			FEEDWATER (LOOP B)	457.46
				REACTOR OUTLET (LOOP A)	601.51
				REACTOR OUTLET (LOOP B)	601.36
				STEAM TEMP(LOOP A)	595.27
				STEAM TEMP (LOOP B)	592.11

POOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69*		99.75*		99.84*					
C					99.74*		8.42*		8.9*		99.81*				
D				82.85*		28.67*		99.78*		18.54*		82.88*			
E			99.81*		99.44*		99.74*		98.78*		98.76*		99.81*		
F		99.72*		19.54*		100.88*		83.82*		100.88*		18.66*		99.72*	
G			8.45*		99.75*		99.79*		99.69*		98.78*		8.88*		
H		99.90*		99.78*		83.82*		99.93*		93.73*		99.69*		100.88*	
I			8.88*		99.66*		99.41*		100.83*		100.88*		5.94*		
J		99.70*		19.62*		99.87*		82.62*		99.44*		19.56*		99.72*	
K			99.41*		99.72*		99.91*		99.84*		99.66*		99.93*		
L				82.43*		19.56*		99.68*		19.62*		83.73*			
M					99.69*		8.47*		6.85*		100.80*				
N						99.57*		99.75*		99.69*					
O															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPWDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							416.18*	419.33*							
							493.93*	518.05*							
							447.63*	485.67*							
							454.73*	476.62*							
							469.49*	549.18*							
							463.71*	511.09*							
							361.63*	349.58*							
C						661.42*			623.34*	554.26*			349.86*		
						631.13*			374.66*	614.43*			453.83*		
						544.28*			335.17*	588.84*			447.18*		
						598.08*			367.[illegible]9*	603.97*			454.26*		
						647.62*			437.84*	632.35*			471.68*		
						647.43*			425.72*	659.94*			448.42*		
						429.98*			333.75*	447.19*			235.35*		
D					855.53*					682.45*				314.09*	
					768.66*					630.33*				427.17*	
					867.54*					394.83*				411.77*	
					746.82*					645.14*				439.86*	
					807.86*					734.14*				462.14*	
					797.83*					765.25*				417.86*	
					584.52*					524.64*				237.24*	
E				683.42*			576.69*		568.48*		644.85*				
				804.65*			724.69*		674.20*		738.71*				
				781.36*			649.78*		645.57*		635.31*				
				787.57*			668.96*		684.67*		696.33*				
				847.77*			748.61*		734.04*		756.54*				
				792.98*			759.64*		749.82*		778.42*				
				521.12*			523.69*		5[illegible]9.69*		509.97*				
F			566.62*				521.75*	517.27*				658.62*	561.91*		
			574.67*				665.67*	653.92*				593.42*	634.49*		
			547.96*				668.96*	668.35*				408.67*	572.68*		
			685.91*				647.42*	681.37*				664.15*	6.2.20*		
			631.91*				748.56*	693.76*				746.41*	676.11*		
			639.82*				748.16*	679.28*				765.59*	685.77*		
			478.69*				516.73*	287.50*				504.23*	461.78*		
G		424.12*			574.49*	529.12*			499.53*		566.92*		537.67*		
		476.84*			788.21*	463.46*			657.66*		662.76*		395.33*		
		457.46*			614.55*	664.51*			664.86*		638.64*		330.22*		
		457.34*			677.98*	699.50*			671.98*		697.24*		352.33*		
		478.76*			714.21*	784.57*			723.05*		746.54*		379.75*		
		446.38*			753.92*	766.44*			787.08*		772.75*		378.51*		
		371.75*			578.56*	501.62*			5[illegible]0.17*		534.04*		270.34*		
H	334.47*				557.59*			491.0[illegible]*	467.04*				488.54*		
	424.45*				654.11*			629.52*	632.10*				508.[illegible]*		
	417.94*				638.63*			682.78*	655.27*				475.93*		
	417.56*				658.61*			669.78*	646.93*				588.42*		
	436.84*				662.13*			698.64*	698.88*				523.71*		
	410.82*				718.48*			691.89*	649.28*				552.49*		
	294.74*				423.97*			577.82*	499.32*				459.89*		
K					565.28*						570.45*	722.21*			
					714.71*						697.18*	826.35*			
					663.62*						671.31*	783.63*			
					637.02*						714.89*	891.71*			
					779.60*						756.82*	892.34*			
					849.21*						814.75*	862.85*			
					622.99*						645.38*	613.57*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			640.96*				660.96*	64*.35*				488.67*	572.68*		
			699.91*				647.62*	681.37*				664.15*	6.2.26*		
			638.94*				748.56*	693.26*				746.41*	676.11*		
			639.02*				748.16*	679.28*				785.58*	686.77*		
			672.69*				516.73*	287.4**				504.23*	461.78*		
G		424.12*			578.43*	52*.12*			499.63*		566.92*		537.47*		
		476.04*			788.71*	645.46*			657.66*		662.76*		365.33*		
		453.46*			616.55*	664.51*			644.8**		610.64*		330.32*		
		459.34*			677.52*	699.50*			671.94*		697.24*		352.33*		
		47*.76*			714.21*	784.57*			771.85*		746.51*		374.75*		
		466.35*			753.92*	765.66*			707.05*		772.75*		373.51*		
		371.79*			578.56*	501.60*			5.0.17*		53*.34*		27*.23*		
H	334.42*				557.59*			451.82*	667.09*				480.54*		
	424.45*				650.11*			625.52*	632.18*				508.39*		
	417.46*				638.43*			662.78*	655.27*				475.93*		
	417.86*				658.41*			669.79*	648.97*				588.4**		
	436.86*				662.13*			698.64*	698.40*				525.1**		
	418.82*				718.48*			691.89*	649.28*				552.49*		
	254.76*				631.87*			477.62*	655.32*				450.78*		
K					5*6.28*						578.44*	722.21*			
					716.71*						697.18*	626.45*			
					663.87*						671.31*	703.43*			
					6.7.82*						716.84*	681.71*			
					776.68*						746.02*	692.38*			
					649.71*						614.75*	562.05*			
					627.95*						645.35*	613.57*			
L		542.84*	559.83*			558.19*					54*.41*		5*0.8**		
		631.96*	803.69*			663.30*					571.34*		6*4.7**		
		656.43*	557.4**			632.07*					513.73*		570.41*		
		646.08*	575.9**			5*8.27*					575.67*		6*5.7**		
		667.85*	678.20*			696.65*					72*.46*		8*1.-		
		653.31*	656.74*			703.35*					74*.50*		717.3*		
		606.33*	489.23*			586.40*					561.21*		520.95*		
R			588.73*				561.05*		547.33*	545.76*				442.57*	
			796.66*				738.69*		692.53*	675.53*				641.60*	
			718.75*				688.85*		636.93*	622.67*				612.17*	
			767.79*				688.69*		645.90*	637.34*				645.69*	
			764.56*				730.25*		756.36*	728.40*				651.01*	
			794.87*				753.46*		754.99*	736.71*				619.34*	
			642.78*				598.51*		493.21*	585.22*				346.09*	
N				575.68*			616.65*	759.86*							
				702.31*			727.17*	849.14*							
				651.87*			688.36*	728.42*							
				679.98*			715.77*	817.64*							
				703.66*			758.46*	831.09*							
				716.32*			729.78*	863.83*							
				268.46*			548.71*	573.65*							
P					631.42*	582.35*				545.72*		527.39*			
					769.49*	636.92*				664.41*		666.15*			
					785.88*	653.66*				593.38*		645.28*			
					776.44*	627.49*				677.05*		703.32*			
					775.17*	649.14*				786.49*		630.28*			
					785.68*	639.85*				765.53*		529.61*			
					466.65*	442.44*				436.43*		391.74*			
						521.44*									
						666.57*									
						643.19*									
						658.18*									
						720.29*									
						686.67*									
						637.61*									
R							327.31*			273.22*					
							423.45*			370.94*					
							391.71*			369.52*					
							394.19*			388.3**					
							382.34*			396.79*					
							414.58*			369.40*					
							274.78*			232.88*					

CASE 11

TMI-1 CY-2

YEAR 76 MONTH 07 DAY 09 HOUR 09 MINUTE 17 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2497.4	18890.	731.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.887	CORE OUTLET	2177.9	LOOP A INLET TEMP(1)	557.74
RC FLOW LOOP B	69.764	SECONDARY LOOP A	898.48	LOOP A INLET TEMP(2)	555.94
RC TOTAL FLOW	139.56	SECONDARY LOOP B	898.48	LOOP B INLET TEMP(1)	556.36
FEEDWATER FLOW LOOP A	5.2955			LOOP B INLET TEMP(2)	556.63
FEEDWATER FLOW LOOP B	5.2215			FEEDWATER (LOOP A)	457.12
LETDOWN FLOW	.24581E-01			FEEDWATER (LOOP B)	457.12
				REACTOR OUTLET (LOOP A)	601.50
				REACTOR OUTLET (LOOP B)	601.24
				STEAM TEMP(LOOP A)	595.41
				STEAM TEMP (LOOP B)	592.18

POOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.66%		99.78%		19.96%					
C					99.75%		7.80%		7.83%		99.74%				
D				81.60%		28.70%		99.75%		8.51%		81.75%			
E			99.81%		99.81%		99.78%		18.7.%		98.79%		99.46%		
F		99.72%		19.53%		188.88%		81.66%		108.88%		19.88%		99.69%	
G			7.88%		99.72%		99.75%		99.66%		99.78%		6.78%		
H		99.90%		99.78%		81.69%		99.98%		-1.63%		99.69%		188.10%	
K			6.75%		99.69%		99.81%		1.8.88%		188.88%		7.99%		
L		99.75%		19.62%		99.98%		81.57%		99.84%		19.96%		99.75%	
M			99.41%		99.69%		59.78%		49.4.%		99.69%		99.96%		
N				81.78%		19.56%		99.51%		19.59%		81.60%			
O					99.69%		6.78%		7.81%		188.38%				
P						99.87%		99.75%		19.66%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPWBOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							394.21*	393.33*							
							498.91*	583.59*							
							461.89*	491.22*							
							473.25*	496.31*							
							477.31*	558.57*							
							457.59*	585.11*							
							511.98*	339.64*							
C						537.06*			496.37*	531.96*			334.61*		
						62[illegible].61*			369.2[illegible]*	609.15*			451.42*		
						548.95*			343.40*	598.13*			463.87*		
						414.99*			342.9[illegible]*	677.42*			471.46*		
						454.50*			412.6[illegible]*	639.99*			476.37*		
						478.18*			416.73*	644.15*			421.37*		
						412.53*			322.4[illegible]*	478.49*			224.14*		
D					694.19*					577.42*				365.96*	
					756.44*					624.37*				425.92*	
					585.25*					406.81*				425.61*	
					772.44*					668.82*				453.17*	
					811.42*					734.34*				465.71*	
					754.62*					741.68*				402.19*	
					556.46*					495.77*				228.82*	
E				642.25*			538.74*		541.71*		625.46*				
				485.18*			728.34*		673.11*		733.24*				
				728.97*			667.52*		665.[illegible]*		654.25*				
				814.48*			685.88*		7[illegible].8.41*		719.84*				
				842.86*			751.73*		739.4[illegible]*		762.35*				
				759.91*			771.33*		698.9[illegible]*		737.44*				
				496.42*			495.43*		522.64*		483.25*				
F		534.62*				545.46*	585.28*				637.56*	536.63*			
		618.78*				665.72*	655.12*				549.32*	629.94*			
		567.48*				648.24*	649.54*				621.92*	589.12*			
		694.11*				789.75*	704.64*				682.42*	622.35*			
		638.55*				742.28*	694.17*				758.21*	683.49*			
		623.44*				713.24*	629.68*				738.79*	664.43*			
		454.32*				442.39*	267.45*				481.78*	442.31*			
G		488.83*			558.68*	587.62*			631.27*		545.69*		494.24*		
		471.09*			496.75*	463.28*			668.3[illegible]*		659.75*		360.57*		
		469.22*			633.46*	696.53*			694.21*		650.92*		348.60*		
		477.97*			781.44*	728.63*			645.5[illegible]*		720.82*		364.96*		
		474.49*			717.75*	718.69*			720.4[illegible]*		740.14*		363.03*		
		436.87*			724.94*	724.16*			667.6.*		743.14*		363.49*		
		361.96*			542.94*	471.61*			469.4		510.37*		289.64*		
H	379.43*				538.53*			445.85*	455.8[illegible]*				349.3[illegible]*		
	478.17*				654.10			629.02*	634.7[illegible]*				5[illegible].2.39*		
	532.76*				655.46*			692.26*	676.5.*				491.37*		
	537.46*				679.98*			649.84*	669.9.*				521.68*		
	444.74*				664.88*			649.34*	649.7.*				531.24*		
	415.92*				498.85*			654.62*	668.6.*				548.12*		
	249.83*				378.12*			444.42*	426.5.*				433.88*		
K					546.80*						531.6	485.98*			
					711.03*						692.78*	814.31*			
					691.05*						691.83*	723.91*			
					728.88*						737.55*	831.78*			
					779.62*						788.73*	898.46*			
					818.84*						784.98*	833.42*			
					593.29*						611.92*	545.32*			
		816.18*	592.25*			537.49*					570.97*		525.64*		
		[illegible]	[illegible]			643.46*					[illegible]		543.31*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			769.80*				600.28*	689.54*				589.32*	629.90*		
			728.11*				788.75*	704.66*				421.92*	589.12*		
			638.55*				742.28*	694.17*				682.42*	622.35*		
			678.44*				773.24*	629.68*				750.21*	683.49*		
			454.37*				442.10*	267.45*				738.79*	663.63*		
												481.74*	442.31*		
G		480.83*			558.68*	607.32*			431.27*		548.69*		495.24*		
		471.89*			645.24*	641.28*			660.37*		654.75*		360.57*		
		469.22*			633.66*	656.43*			694.11*		640.62*		343.60*		
		472.97*			701.44*	720.63*			645.56*		720.82*		364.46*		
		479.69*			717.73*	718.69*			720.41*		746.14*		341.04*		
		436.92*			724.94*	724.16*			667.54*		743.14*		361.49*		
		361.96*			642.94*	671.61*			469.94*		510.32*		259.64*		
H	328.43*				538.53*			445.85*	459.87*				449.98*		
	428.17*				634.18*			629.02*	636.71*				502.39*		
	432.94*				655.46*			682.26*	674.54*				491.37*		
	437.45*				679.98*			689.04*	669.95*				521.68*		
	464.76*				664.88*			649.34*	649.78*				531.28*		
	419.42*				648.05*			654.62*	668.48*				540.12*		
	249.83*				378.12*			444.82*	626.55*				435.98*		
K					546.65*						551.67*	685.80*			
					711.03*						632.74*	616.11*			
					691.99*						693.88*	723.91*			
					720.48*						737.55*	681.28*			
					779.42*						780.79*	698.46*			
					818.64*						774.78*	653.42*			
					593.28*						611.97*	585.37*			
L		614.17*	512.74*			537.49*					571.97*		515.64*		
		692.62*	597.71*			661.66*					649.83*		643.31*		
		675.82*	509.17*			649.56*					641.64*		667.40*		
		671.11*	597.05*			686.44*					693.53*		667.33*		
		678.09*	675.41*			694.95*					711.42*		644.40*		
		639.71*	637.61*			673.33*					693.77*		693.47*		
		392.69*	614.95*			677.57*					553.21*		621.[illegible]*		
M			568.46*				542.25*	577.57*	567.14*					476.46*	
			790.46*				734.58*	691.46*	672.66*					638.39*	
			738.74*				781.71*	657.25*	639.01*					631.71*	
			794.42*				712.36*	709.41*	710.63*					669.46*	
			778.75*				735.29*	746.84*	731.64*					654.76*	
			725.76*				754.37*	724.17*	710.75*					600.50*	
			658.23*				583.67*	653.22*	478.66*					332.14*	
N				558.41*			585.32*	722.58*							
				788.21*			714.84*	648.71*							
				660.62*			781.46*	756.8[illegible]*							
				702.14*			748.89*	646.55*							
				788.75*			755.58*	696.75*							
				678.39*			786.85*	633.94*							
				245.79*			517.67*	568.27*							
O					611.71*	585.48*				608.73*		514.64*			
					763.53*	629.45*				658.17*		664.62*			
					726.48*	569.92*				617.51*		645.52*			
					768.06*	629.53*				781.72*		725.79*			
					768.33*	657.16*				713.82*		694.84*			
					678.12*	622.33*				696.12*		682.17*			
					443.58*	424.82*				417.86*		358.20*			
P						497.28*									
						668.10*									
						662.64*									
						475.23*									
						729.58*									
						671.58*									
						422.99*									
R							311.24*			262.29*					
							417.19*			369.10*					
							482.98*			348.68*					
							488.37*			397.87*					
							445.54*			483.61*					
							614.82*			365.28*					
							278.83*			225.75*					

CASE 12

TMI-1 CY-2

YEAR 76 MONTH 07 DAY 16 HOUR 18 MINUTE 47 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2531.5	11183.	699.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.983	CORE OUTLET	2178.6	LOOP A INLET TEMP(1)	558.42
RC FLOW LOOP B	69.711	SECONDARY LOOP A	896.70	LOOP A INLET TEMP(2)	556.72
RC TOTAL FLOW	138.69	SECONDARY LOOP B	896.70	LOOP B INLET TEMP(1)	557.17
FEEDWATER FLOW LOOP A	5.3768			LOOP B INLET TEMP(2)	557.44
FEEDWATER FLOW LOOP B	5.2974			FEEDWATER (LOOP A)	458.09
LETDOWN FLOW	.24452E-01			FEEDWATER (LOOP B)	458.09
				REACTOR OUTLET (LOOP A)	602.84
				REACTOR OUTLET (LOOP B)	602.30
				STEAM TEMP(LOOP A)	596.65
				STEAM TEMP (LOOP B)	593.28

POON

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69*		99.79*		99.81*					
C					99.78*		5.64*		5.73*		99.74*				
D				78.36*		16.38*		99.78*		15.30*		79.59*			
E			99.44*		99.91*		99.78*		98.70*		98.73*		99.44*		
F		99.72*		16.35*		100.00*		79.58*		100.00*		14.28*		99.72*	
G			5.73*		99.72*		99.79*		99.66*		98.79*		5.73*		
H		99.87*		99.78*		79.53*		99.98*		79.53*		99.69*		100.00*	
K			4.67*		99.69*		99.81*		100.00*		100.00*		5.76*		
L		99.77*		16.47*		99.98*		79.41*		99.81*		15.27*		99.72*	
M			99.81*		99.72*		99.78*		99.84*		99.69*		99.96*		
N				79.65*		16.36*		99.56*		16.44*		79.44*			
O					99.66*		4.65*		5.44*		100.00*				
P						99.84*		99.78*		99.66*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1															
2							371.08*	371.29*							
							441.83*	457.51*							
							481.99*	499.67*							
							503.38*	527.84*							
							496.59*	578.27*							
							464.76*	512.67*							
							335.37*	342.87*							
3						518.18*			434.35*	504.44*			336.81*		
						591.00*			355.28*	577.64*			447.95*		
						582.17*			356.34*	672.46*			477.99*		
						668.85*			411.54*	679.95*			498.33*		
						670.96*			422.59*	658.12*			487.48*		
						626.55*			416.77*	642.94*			408.74*		
						409.64*			321.29*	427.85*			219.58*		
4					612.56*					551.77*				298.49*	
					712.17*					492.44*				421.39*	
					789.75*					423.53*				442.04*	
					836.88*					716.87*				483.81*	
					828.14*					755.14*				477.47*	
					731.18*					730.94*				399.41*	
					558.95*					431.71*				226.94*	
5				638.28*			538.49*		522.35*		682.26*				
				768.14*			697.46*		651.24*		656.99*				
				745.88*			698.07*		639.21*		630.97*				
				882.24*			739.42*		756.14*		777.89*				
				867.47*			766.97*		753.93*		776.69*				
				735.78*			705.21*		649.02*		723.97*				
				458.19*			488.73*		516.87*		476.12*				
6			511.44*				544.39*	496.65*				682.53*	588.85*		
			584.15*				657.14*	648.75*				654.25*	548.32*		
			583.42*				699.03*	711.18*				642.06*	615.96*		
			678.89*				743.87*	737.57*				748.81*	674.27*		
			656.61*				753.39*	708.74*				766.89*	7 2.29*		
			628.88*				676.48*	538.04*				729.22*	666.59*		
			452.72*				477.6.*	762.04*				479.63*	441.48*		
7		378.39*			558.68*	696.64*			484.57*		529.35*		446.46*		
		464.37*			3.89*	65 .16*			559.08*		642.42*		144.38*		
		486.77*			2.57*	7 .38*			703.32*		675.75*		356.54*		
		589.57*			748.66*	755.89*			774.32*		765.71*		391.12*		
		658.41*			752.61*	728.59*			731.11*		762.61*		146.93*		
		443.67*			789.55*	700.32*			639.62*		729.42*		365.78*		
		364.41*			536.26*	464.25*			459.51*		504.04*		210.46*		
8	359.71*				521.88*			442.42*	454.67*				415.35*		
	618.61*				640.32*			629.06*	634.35*				648.57*		
	658.64*				677.01*			788.59*	634.19*				511.34*		
	669.7.*				717.87*			713.39*	692.77*				564.95*		
	462.67*				678.89*			697.26*	646.62*				947.35*		
	427.28*				640.75*			620.60*	624.53*				944.21*		
	292.66*				571.91*			482.28*	419.83*				233.94*		
9					523.37*						532.54*	645.82*			
					647.37*						669.28*	767.23*			
					785.61*						711.60*	760.67*			
					767.83*						742.33*	896.12*			
					796.22*						773.21*	914.66*			
					685.31*						767.43*	825.27*			
					598.16*						685.39*	577.43*			
10		494.78*	588.68*			523.67*					551.09*		512.69*		

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			518.42*				657.84*	648.79*				456.29*	598.12*		
			670.09*				699.03*	711.18*				442.86*	615.96*		
			656.61*				743.07*	737.67*				750.81*	674.27*		
			628.48*				753.39*	704.74*				766.89*	7 2.29*		
			452.72*				676.48*	530.84*				729.22*	666.59*		
							477.64*	262.84*				479.61*	441.44*		
G		326.39*			530.60*	496.64*			484.57*		539.35*		462.46*		
		464.37*			633.84*	654.36*			603.08*		642.82*		348.30*		
		486.77*			655.57*	706.88*			737.12*		575.75*		356.94*		
		509.57*			748.66*	755.89*			724.37*		765.73*		343.12*		
		498.41*			732.41*	728.49*			731.11*		762.41*		336.93*		
		441.87*			709.85*	730.82*			639.42*		722.42*		365.78*		
		364.41*			536.26*	464.25*			459.51*		184.84*		268.46*		
H	359.71*				521.88*		462.02*	454.67*				415.35*			
	418.41*				648.32*		629.86*	634.35*				488.57*			
	488.64*				677.81*		700.59*	694.13*				511.34*			
	485.75*				717.87*		713.39*	693.77*				554.95*			
	482.47*				672.84*		697.24*	646.62*				547.35*			
	427.28*				658.75*		628.68*	628.51*				544.21*			
	292.64*				371.91*		432.28*	415.51*				433.34*			
I					529.37*						550.56*	666.42*			
					647.37*						699.24*	767.23*			
					789.61*						712.84*	744.87*			
					787.83*						742.31*	696.12*			
					796.22*						773.21*	914.68*			
					685.91*						767.43*	825.27*			
					596.26*						685.39*	577.43*			
L		494.75*	533.63*			521.47*					552.04*		512.69*		
		477.83*	466.67*			647.41*					655.12*		424.32*		
		498.64*	548.11*			675.44*					644.59*		431.34*		
		734.54*	558.59*			722.55*					744.52*		729.[illegible]*		
		679.69*	597.93*			702.46*					726.94*		737.81*		
		646.11*	637.87*			657.37*					755.13*		656.37*		
		396.73*	619.19*			469.93*					76.34*		439.41*		
M			549.25*			524.25*		557.25*	547.46*					402.33*	
			742.25*			787.70*		668.56*	634.13*					627.64*	
			794.28*			721.58*		640.56*	661.42*					655.21*	
			458.61*			764.87*		755.74*	744.44*					739.53*	
			786.82*			749.57*		772.41*	767.10*					675.76*	
			718.59*			738.42*		707.26*	698.32*					547.[illegible]*	
			699.19*			954.55*		461.45*	472.88*					330.72*	
N				543.45*			552.95*	679.21*							
				640.88*			696.58*	788.77*							
				653.93*			725.12*	775.10*							
				749.91*			786.23*	913.02*							
				727.07*			771.53*	9[illegible].65*							
				590.84*			699.31*	826.91*							
				241.38*			513.83*	541.21*							
O					591.64*	526.35*				539.72*		501.82*			
					737.25*	595.25*				622.94*		652.97*			
					748.54*	592.58*				641.28*		687.63*			
					313.58*	604.02*				759.[illegible]*		764.42*			
					739.91*	676.79*				731.67*		786.32*			
					671.13*	621.28*				694.77*		578.[illegible]*			
					442.07*	423.89*				414.75*		336.65*			
P						473.68*									
						647.36*									
						696.96*									
						718.78*									
						753.86*									
						675.47*									
						424.97*									
R							301.45*			254.14*					
							415.87*			367.53*					
							420.82*			346.57*					
							433.96*			428.62*					
							463.85*			418.25*					
							423.33*			370.91*					
							273.84*			229.23*					

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CASE 13

TMI-1 CY-2

YEAR 76 MONTH 07 DAY 22 HOUR 10 MINUTE 44 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2502.7	11290.	699.00

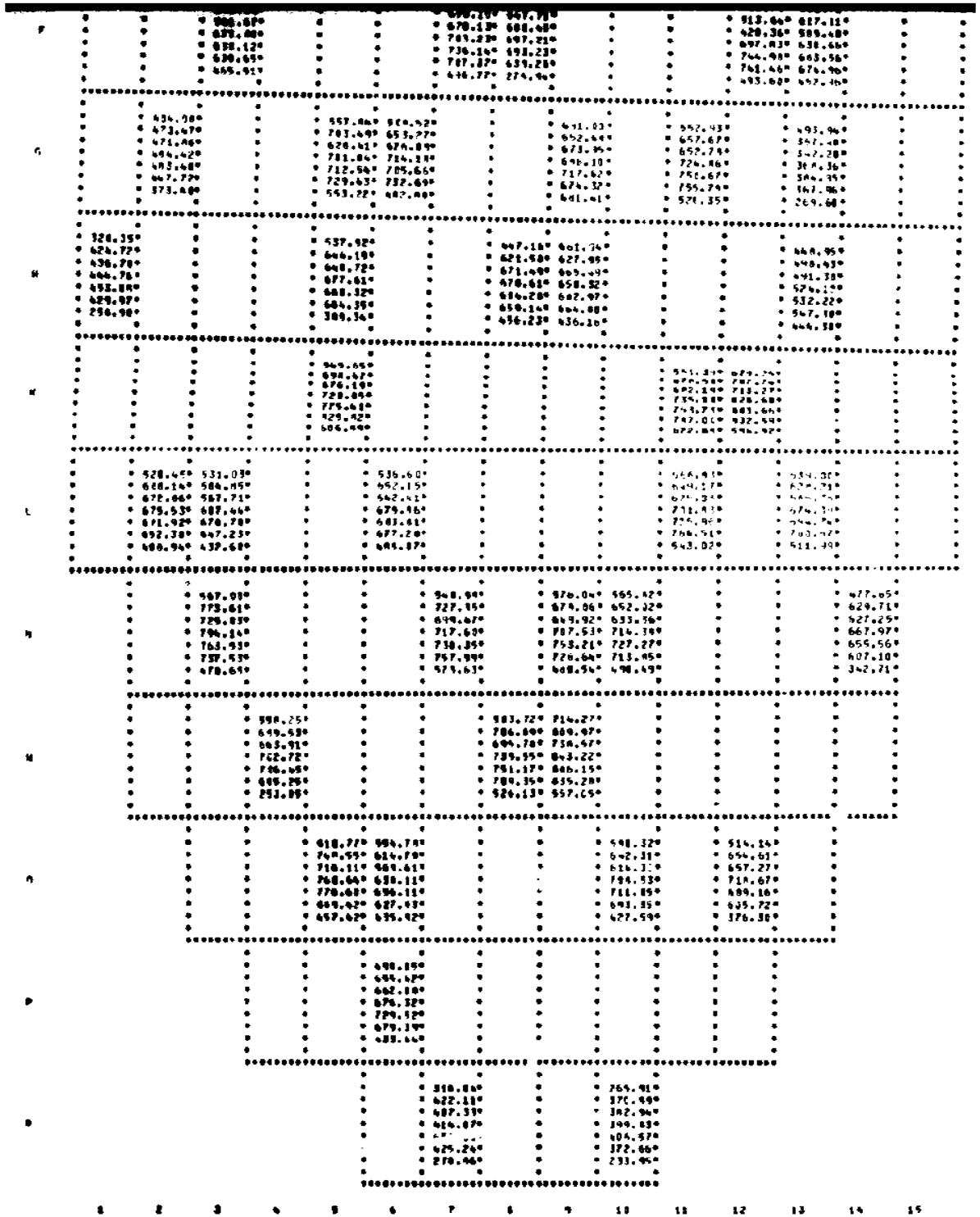
COOLANT FLOWS (LB/HR * -6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.135	CORE OUTLET	2176.4	LOOP A INLET TEMP(1)	558.10
RC FLOW LOOP B	69.567	SECONDARY LOOP A	896.50	LOOP A INLET TEMP(2)	556.56
RC TOTAL FLOW	139.18	SECONDARY LOOP B	896.50	LOOP B INLET TEMP(1)	556.94
FEEDWATER FLOW LOOP A	5.3435			LOOP B INLET TEMP(2)	557.32
FEEDWATER FLOW LOOP B	5.2602			FEEDWATER (LOOP A)	457.37
LETDOWN FLOW	.24452E-01			FEEDWATER (LOOP B)	457.37
				REACTOR OUTLET (LOOP A)	602.13
				REACTOR OUTLET (LOOP B)	601.78
				STEAM TEMP(LOOP A)	596.16
				STEAM TEMP (LOOP B)	593.00

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.41%					
C					99.79%		6.66%		6.75%		99.74%				
D				81.68%		16.41%		99.72%		17.40%		81.78%			
E			99.84%		99.84%		99.78%		99.70%		99.73%		99.44%		
F		99.72%		18.91%		100.00%		81.66%		100.00%		16.44%		99.72%	
G			6.72%		99.75%		99.75%		99.66%		99.67%		6.78%		
H		99.87%		99.78%		81.66%		99.98%		81.63%		99.63%		100.00%	
K			6.75%		99.66%		99.74%		100.00%		100.00%		6.74%		
L		99.70%		18.57%		99.67%		81.57%		99.44%		17.48%		99.72%	
M			99.74%		99.72%		99.81%		99.78%		99.69%		99.96%		
N				81.91%		17.43%		99.94%		18.57%		81.97%			
O					99.66%		6.75%		6.72%		100.00%				
P						99.54%		99.78%		99.66%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHODC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							396.79*	397.53*							
							491.36*	487.15*							
							446.76*	489.26*							
							479.25*	581.70*							
							453.25*	466.53*							
							468.49*	515.41*							
							343.97*	351.47*							
C						536.92*			543.87*	532.03*			342.71*		
						618.09*			364.46*	534.92*			448.25*		
						564.82*			343.36*	598.67*			457.75*		
						622.14*			346.74*	636.07*			469.64*		
						658.88*			412.81*	661.12*			476.76*		
						636.10*			428.80*	651.23*			428.[illegible]*		
						423.21*			329.34*	461.89*			230.16*		
D					630.13*					476.67*				386.09*	
					731.64*					542.76*				422.46*	
					677.99*					423.63*				423.46*	
					775.47*					694.38*				457.35*	
					803.66*					731.85*				466.37*	
					757.07*					745.03*				410.91*	
					566.18*					587.42*				258.16*	
E				658.58*			557.23*		540.70*		622.44*				
				788.10*			707.50*		659.46*		713.23*				
				712.56*			668.35*		654.66*		669.73*				
				838.48*			698.81*		707.13*		721.87*				
				862.76*			746.29*		712.84*		756.14*				
				763.72*			724.67*		704.64*		743.53*				
				579.95*			506.37*		532.73*		495.17*				
F			537.99*				538.96*	586.16*				638.70*	536.71*		
			629.11*				656.12*	647.70*				513.66*	617.11*		
			561.67*				678.13*	688.46*				428.36*	589.48*		
			630.48*				741.23*	697.21*				697.43*	638.66*		
			638.12*				736.14*	693.23*				744.94*	683.56*		
			638.65*				747.37*	639.28*				741.46*	674.96*		
			465.91*				496.77*	275.94*				493.60*	452.36*		
G		484.88*			557.84*	569.62*			641.03*		552.93*		493.94*		
		473.67*			783.69*	693.77*			652.65*		657.67*		357.48*		
		471.86*			628.61*	676.99*			673.95*		657.74*		342.20*		
		644.49*			781.04*	714.18*			646.10*		724.46*		364.36*		
		483.48*			712.54*	705.66*			717.62*		750.67*		346.35*		
		467.72*			729.43*	732.69*			674.32*		755.73*		367.96*		
		173.88*			553.22*	487.44*			481.41*		528.35*		269.60*		
H	528.13*				537.92*			447.16*	461.94*				448.95*		
	626.77*				644.19*			621.58*	627.95*				498.63*		
	474.79*				646.72*			671.49*	669.[illegible]*				491.18*		
	644.78*				677.61*			670.61*	658.32*				526.18*		
	592.80*				669.37*			686.28*	682.97*				532.22*		
	589.92*				684.98*			658.16*	664.88*				567.38*		
	298.94*				389.34*			498.23*	436.16*				444.38*		
I					949.05*						591.39*	679.25*			
					890.47*						678.58*	787.74*			
					876.19*						682.19*	713.27*			
					728.89*						735.10*	828.68*			
					775.41*						753.73*	883.66*			
					828.82*						747.80*	832.59*			
					880.89*						622.88*	594.92*			
J			929.49*	936.83*		936.68*					580.83*		539.88*		
			894.14*	946.09*		882.15*					649.17*		828.21*		
											625.89*		586.78*		



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CASE 14

TMI-1 CY-2

YEAR 76 MONTH 07 DAY 29 HOUR 13 MINUTE 21 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2541.6	11477.	660.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.417	CORE OUTLET	2179.0	LOOP A INLET TEMP(1)	558.01
RC FLOW LOOP B	69.742	SECONDARY LOOP A	892.20	LOOP A INLET TEMP(2)	556.23
RC TOTAL FLOW	139.86	SECONDARY LOOP B	892.20	LOOP B INLET TEMP(1)	556.76
FEEDWATER FLOW LOOP A	5.3617			LOOP B INLET TEMP(2)	557.85
FEEDWATER FLOW LOOP B	5.3046			FEEDWATER (LOOP A)	458.06
LETDOWN FLOW	.24386E-01			FEEDWATER (LOOP B)	458.06
				REACTOR OUTLET (LOOP A)	602.13
				REACTOR OUTLET (LOOP B)	601.93
				STEAM TEMP (LOOP A)	596.23
				STEAM TEMP (LOOP B)	592.86

FOON

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.9[illegible]%					
C					99.78%		9.93%		10.02%		99.81%				
D				83.76%		16.38%		99.78%		15.27%		83.91%			
E			99.81%		99.84%		99.74%		98.78%		98.76%		99.84%		
F		99.75%		17.48%		100.00%		93.79%		100.00%		15.38%		99.69%	
G			9.96%		99.72%		99.74%		99.46%		98.7[illegible]%		10.02%		
H		99.87%		99.75%		83.62%		99.93%		83.76%		99.69%		100.00%	
K			9.97%		99.69%		99.74%		100.00%		100.00%		10.02%		
L		99.81%		16.44%		99.90%		83.67%		99.74%		16.38%		99.75%	
M			99.81%		99.75%		99.81%		99.81%		99.69%		99.96%		
N				83.94%		17.43%		99.54%		16.44%		83.73%			
O					99.66%		8.97%		9.9[illegible]%		100.00%				
P						99.47%		99.78%		99.69%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHERE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							628.98*	638.16*							
							582.48*	523.76*							
							669.90*	688.67*							
							692.94*	584.79*							
							647.66*	566.84*							
							669.51*	516.92*							
							549.62*	353.64*							
C					561.79*			531.22*	557.91*				344.22*		
					635.20*			368.94*	593.92*				446.33*		
					569.67*			345.71*	601.65*				457.45*		
					638.65*			339.87*	644.91*				469.92*		
					649.25*			411.82*	637.99*				472.58*		
					639.85*			422.42*	653.52*				437.74*		
					677.21*			333.42*	647.06*				235.46*		
D				616.71*						491.76*				311.95*	
				714.44*						478.30*				423.19*	
				678.34*						604.38*				424.59*	
				749.29*						711.26*				457.74*	
				798.39*						726.66*				463.95*	
				766.41*						745.35*				414.91*	
				575.04*						618.78*				248.44*	
E			464.19*			568.69*		552.54*			625.96*				
			762.27*			781.45*		693.97*			718.17*				
			711.71*			659.72*		659.12*			647.64*				
			820.68*			693.87*		789.69*			727.94*				
			836.21*			762.31*		774.44*			748.65*				
			772.72*			731.19*		714.25*			747.83*				
			512.45*			513.18*		538.93*			497.82*				
F			963.04*				511.15*	518.64*				646.74*	560.19*		
			598.97*				651.26*	663.23*				466.13*	612.68*		
			561.68*				666.48*	676.15*				476.16*	542.96*		
			648.64*				699.50*	693.87*				712.77*	639.86*		
			635.22*				731.39*	698.56*				739.68*	690.42*		
			632.84*				778.39*	665.93*				745.14*	676.71*		
			470.68*				505.04*	282.01*				449.97*	456.66*		
G		435.59*			569.23*	513.76*			493.52*		563.31*		567.13*		
		443.94*			697.58*	849.84*			649.74*		652.61*		361.31*		
		475.68*			626.72*	677.25*			669.18*		651.41*		344.14*		
		487.64*			705.16*	713.66*			682.54*		727.4[illegible]*		373.51*		
		494.89*			788.85*	788.31*			713.50*		745.45*		452.92*		
		447.50*			734.67*	745.42*			646.27*		761.72*		386.76*		
		376.12*			561.92*	491.39*			491.92*		537.74*		249.64*		
H	358.37*				551.42*			448.98*	494.25*				474.22*		
	478.92*				642.51*			618.31*	624.49*				5[illegible]4.72*		
	419.66*				646.74*			666.97*	661.13*				493.66*		
	448.23*				677.46*			673.97*	656.03*				426.83*		
	451.99*				656.54*			682.03*	681.32*				531.41*		
	438.69*				693.37*			678.04*	680.79*				548.85*		
	268.13*				396.51*			487.39*	447.54*				445.43*		
K					567.42*						582.48*	709.74*			
					698.21*						673.12*	798.73*			
					674.03*						681.34*	711.48*			
					722.78*						737.21*	833.92*			
					772.21*						758.93*	874.64*			
					832.43*						792.28*	828.35*			
					614.83*						628.64*	598.64*			
		944.84*	986.10*			969.83*					576.69*		565.79*		
		893.90*	870.34*			646.49*					634.28*		623.78*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			648.64*				665.43*	676.18*			626.16*	542.96*			
			639.22*				639.54*	693.07*			712.77*	639.84*			
			682.04*				731.39*	690.56*			739.68*	610.92*			
			470.60*				778.39*	665.93*			745.14*	676.71*			
							509.58*	282.81*			699.97*	458.66*			
G		435.59*			569.23*	513.76*			693.52*		563.81*		547.13*		
		483.94*			697.58*	649.84*			649.74*		652.63*		561.31*		
		475.56*			626.73*	677.25*			669.14*		651.80*		344.14*		
		487.64*			785.19*	713.46*			697.54*		727.62*		370.51*		
		494.84*			788.85*	788.31*			713.47*		745.45*		352.32*		
		467.50*			734.67*	745.42*			648.27*		741.77*		366.76*		
		376.12*			561.92*	491.38*			441.92*		537.74*		269.64*		
H	359.37*				591.42*			446.58*	464.24*				469.22*		
	436.42*				642.51*			618.31*	624.89*				5.8.70*		
	439.66*				646.88*			666.97*	661.13*				493.86*		
	446.23*				677.98*			673.97*	656.83*				526.83*		
	451.99*				656.94*			682.83*	640.32*				531.41*		
	430.69*				745.37*			678.84*	688.79*				548.83*		
	280.13*				394.41*			467.37*	467.5*				455.41*		
K					957.89*						765.64*	769.74*			
					692.21*						675.52*	748.71*			
					676.88*						646.35*	731.48*			
					722.78*						717.43*	833.92*			
					772.21*						759.93*	674.86*			
					832.43*						795.28*	828.35*			
					614.03*						670.64*	599.64*			
L		544.66*	556.2*			540.86*					576.63*		365.79*		
		693.90*	578.34*			644.45*					634.29*		523.78*		
		674.63*	568.94*			619.54*					624.63*		544.35*		
		677.95*	614.45*			640.15*					736.47*		544.37*		
		677.34*	675.24*			693.81*					721.67*		502.13*		
		658.68*	647.69*			685.87*					773.24*		715.54*		
		418.59*	416.69*			494.60*					644.254*		453.47*		
M			578.46*				553.24*		547.56*	573.63*				589.63*	
			767.19*				711.52*		664.38*	637.54*				658.79*	
			725.68*				698.55*		644.11*	632.22*				626.59*	
			798.98*				717.49*		789.98*	721.84*				668.57*	
			759.36*				724.96*		748.39*	772.26*				652.67*	
			741.14*				762.75*		734.28*	716.32*				604.33*	
			478.82*				579.59*		520.32*	493.79*				346.57*	
N				563.68*				612.77*	744.66*						
				682.88*				784.75*	798.16*						
				684.62*				694.57*	737.29*						
				716.89*				741.82*	849.30*						
				715.33*				747.39*	874.99*						
				706.38*				718.14*	830.45*						
				249.32*				530.72*	559.03*						
O					622.89*	588.73*				567.76*		518.23*			
					741.61*	609.69*				636.11*		649.79*			
					715.94*	571.75*				615.62*		658.32*			
					764.25*	647.84*				717.24*		718.89*			
					770.93*	653.91*				707.86*		645.46*			
					693.35*	638.94*				695.65*		616.71*			
					464.85*	440.15*				432.46*		413.33*			
P						622.28*									
						660.12*									
						663.49*									
						688.63*									
						727.46*									
						688.87*									
						437.03*									
Q							338.32*			248.05*					
							433.61*			378.08*					
							411.84*			386.13*					
							416.91*			402.96*					
							451.51*			489.48*					
							426.43*			376.74*					
							242.19*			238.95*					

CASE 15

TMI-1 CY-2

YEAR 76 MONTH 08 DAY 06 HOUR 11 MINUTE 31 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1168.5	11710.	660.80

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.826	CORE OUTLET	2175.4	LOOP A INLET TEMP(1)	569.48
RC FLOW LOOP B	69.263	SECONDARY LOOP A	895.40	LOOP A INLET TEMP(2)	567.80
RC TOTAL FLOW	139.22	SECONDARY LOOP B	895.48	LOOP B INLET TEMP(1)	568.51
FEEDWATER FLOW LOOP A	2.3234			LOOP B INLET TEMP(2)	568.34
FEEDWATER FLOW LOOP B	2.3035			FEEDWATER (LOOP A)	386.21
LETDOWN FLOW	.23519E-01			FEEDWATER (LOOP B)	386.21
				REACTOR OUTLET (LOOP A)	598.39
				REACTOR OUTLET (LOOP B)	598.87
				STEAM TEMP(LOOP A)	591.98
				STEAM TEMP (LOOP B)	589.22

00

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.75*		99.84*		99.74*					
C					100.00*		0.00*		0.00*		99.94*				
D				72.42*		22.64*		96.81*		22.68*		72.56*			
E			99.96*		99.97*		99.84*		100.00*		99.31*		99.78*		
F		99.57*		23.58*		99.98*		72.67*		99.75*		22.62*		99.77*	
G			0.00*		100.00*		100.00*		99.96*		99.66*		0.00*		
H		99.96*		99.98*		72.24*		99.93*		72.34*		99.63*		99.9C*	
K			0.00*		100.00*		99.69*		99.71*		100.00*		0.00*		
L		99.78*		28.92*		99.99*		72.33*		99.56*		27.32*		99.68*	
M			100.00*		99.98*		99.15*		99.69*		99.03*		99.99*		
N				72.34*		23.87*		99.66*		73.73*		72.33*			
O					99.96*		.06*		0.00*		99.78*				
P						100.00*		183.00*		99.98*					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNCOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							172.72*	172.13*							
							243.97*	258.01*							
							238.06*	238.18*							
							214.73*	225.36*							
							222.17*	261.44*							
							231.76*	256.31*							
							164.19*	149.26*							
C						248.53*			145.31*	247.78*			174.75*		
						341.44*			195.35*	333.12*			234.36*		
						278.17*			169.17*	296.39*			222.31*		
						258.55*			163.87*	264.31*			204.64*		
						291.94*			184.71*	287.49*			247.19*		
						383.61*			199.64*	304.55*			181.35*		
						224.49*			170.49*	232.17*			114.83*		
D					315.15*					241.01*				154.98*	
					413.36*					387.44*				223.42*	
					337.11*					280.24*				203.09*	
					318.66*					218.66*				198.77*	
					354.00*					321.10*				202.58*	
					334.13*					365.51*				145.11*	
					296.22*					261.45*				118.16*	
E				328.49*			274.98*		260.13*		316.76*				
				439.39*			346.16*		359.72*		403.33*				
				354.22*			326.18*		320.51*		315.73*				
				338.67*			292.73*		297.44*		293.87*				
				370.31*			325.59*		322.14*		328.54*				
				339.56*			328.98*		317.22*		334.52*				
				264.04*			241.55*		270.01*		254.08*				
F			247.56*				319.97*	258.42*				338.63*	248.99*		
			337.07*				348.44*	339.01*				386.09*	342.92*		
			241.11*				328.68*	329.08*				287.56*	248.56*		
			264.04*				313.58*	384.87*				215.92*	261.12*		
			284.83*				318.98*	297.01*				323.31*	302.61*		
			301.88*				297.92*	370.07*				342.86*	317.58*		
			248.94*				247.14*	339.08*				254.34*	233.94*		
G		176.89*			276.58*	248.71*			253.10*		274.24*		148.77*		
		244.58*			381.64*	347.15*			341.34*		358.38*		198.94*		
		236.84*			312.97*	332.17*			326.39*		314.47*		165.03*		
		216.85*			296.36*	313.69*			308.69*		302.73*		153.83*		
		222.86*			311.85*	302.42*			385.71*		323.98*		169.97*		
		228.27*			326.75*	308.18*			275.32*		335.51*		177.49*		
		197.62*			248.78*	248.56*			233.56*		262.66*		141.57*		
H	147.71*				265.36*			238.76*	237.24*				183.32*		
	214.21*				344.26*			321.29*	326.17*				266.21*		
	214.37*				319.48*			325.97*	320.47*				239.75*		
	180.97*				293.27*			279.95*	298.[illegible]*				226.28*		
	206.58*				294.08*			[illegible]	298.51*				237.16*		
	210.86*				295.39*			264.57*	244.54*				259.78*		
	136.97*				197.17*			216.57*	287.21*				221.93*		
K					278.59*						272.19*	387.21*			
					388.17*						364.87*	438.32*			
					323.39*						331.85*	348.15*			
					389.80*						317.42*	329.55*			
					359.08*						323.04*	379.15*			
					371.27*						368.04*	381.07*			
					309.24*						309.67*	302.93*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
W			206.11*				320.68*	329.44*				297.96*	290.56*		
			296.07*				308.39*	384.87*				215.92*	261.12*		
			296.91*				318.90*	297.81*				323.11*	302.41*		
			301.88*				297.92*	178.47*				342.66*	317.58*		
			248.94*				247.14*	135.04*				254.34*	233.18*		
G		176.59*			276.56*	254.71*			253.18*		274.24*		148.77*		
		244.58*			341.64*	367.15*			341.34*		354.58*		190.15*		
		236.34*			312.97*	332.17*			325.33*		314.47*		165.33*		
		216.85*			298.16*	315.69*			308.69*		302.73*		153.33*		
		222.06*			311.05*	302.42*			305.71*		323.90*		169.37*		
		220.27*			326.75*	304.14*			275.32*		335.51*		177.49*		
		197.62*			288.78*	260.56*			251.56*		262.46*		141.67*		
H	147.71*				265.36*		238.76*	237.24*					153.32*		
	214.21*				344.26*		321.29*	326.17*					261.21*		
	224.37*				319.48*		325.32*	320.57*					239.75*		
	208.17*				298.27*		259.96*	298.22*					226.29*		
	206.58*				286.88*		258.08*	298.53*					227.16*		
	218.86*				299.35*		269.57*	264.54*					259.76*		
	139.97*				197.17*		219.57*	207.21*					278.93*		
K					278.95*						272.19*	387.21*			
					348.17*						369.87*	438.32*			
					371.90*						331.85*	366.15*			
					327.19*						317.67*	329.55*			
					339.54*						323.84*	379.15*			
					371.27*						348.84*	341.07*			
					386.26*						389.67*	387.95*			
L		241.09*	247.24*			273.31*					243.67*		249.31*		
		357.83*	327.58*			352.38*					364.84*		347.50*		
		329.56*	243.95*			313.22*					386.76*		287.43*		
		293.60*	298.19*			288.08*					291.07*		276.58*		
		387.60*	382.56*			293.58*					310.86*		306.57*		
		313.18*	306.96*			308.86*					342.26*		324.32*		
		215.77*	274.35*			243.88*					271.43*		261.55*		
M			281.54*				275.09*		284.71*	254.45*				232.88*	
			421.41*				399.41*		368.18*	367.14*				325.51*	
			368.91*				347.75*		314.47*	389.67*				297.54*	
			342.46*				298.95*		293.86*	287.49*				275.21*	
			337.44*				315.53*		322.78*	312.17*				284.88*	
			339.46*				336.16*		324.28*	321.82*				277.43*	
			267.28*				248.57*		125.88*	246.84*				173.84*	
N				284.16*				264.87*	323.84*						
				375.87*				376.96*	446.74*						
				378.79*				339.91*	356.68*						
				362.33*				312.38*	335.17*						
				389.56*				324.82*	378.61*						
				190.37*				338.25*	382.31*						
				120.49*				276.77*	284.35*						
O					381.88*	257.31*				325.11*		257.89*			
					476.72*	342.48*				347.85*		344.26*			
					368.24*	282.45*				299.82*		316.84*			
					322.71*	281.42*				298.43*		308.41*			
					341.13*	289.16*				313.04*		297.56*			
					212.28*	296.14*				323.98*		254.88*			
					237.23*	224.73*				221.81*		122.93*			
P						231.13*									
						348.22*									
						323.88*									
						296.68*									
						327.52*									
						323.91*									
						228.43*									
Q							144.86*			124.15*					
							212.43*			187.67*					
							197.61*			183.94*					
							146.46*			175.41*					
							204.71*			141.51*					
							205.09*			177.77*					
							146.14*			122.14*					

CASE 16

TMI-1 CY-2

YEAR 76 MONTH 08 DAY 12 HOUR 15 MINUTE 32 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2548.6	11855.	668.88

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.023	CORE OUTLET	2188.9	LOOP A INLET TEMP(1)	556.09
RC FLOW LOOP B	70.188	SECONDARY LOOP A	898.78	LOOP A INLET TEMP(2)	556.26
RC TOTAL FLOW	139.31	SECONDARY LOOP B	898.78	LOOP B INLET TEMP(1)	556.77
FEEDWATER FLOW LOOP A	5.3723			LOOP B INLET TEMP(2)	557.07
FEEDWATER FLOW LOOP B	5.2928			FEEDWATER (LOOP A)	458.03
LETDOWN FLOW	.23705E-01			FEEDWATER (LOOP B)	458.03
				REACTOR OUTLET (LOOP A)	602.20
				REACTOR OUTLET (LOOP B)	601.94
				STEAM TEMP(LOOP A)	596.38
				STEAM TEMP (LOOP B)	592.66

POCO

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.66*		99.78*		99.94*					
C					99.78*		5.64*		5.78*		99.81*				
D				88.99*		20.78*		99.75*		100.56*		81.72*			
E			99.84*		99.81*		99.78*		98.78*		99.76*		99.81*		
F		99.72*		99.84*		100.88*		81.66*		99.78*		18.40*		99.69*	
G			5.78*		99.72*		99.75*		99.66*		98.72*		5.73*		
H		99.67*		99.78*		91.64*		99.92*		91.63*		99.69*		99.81*	
I			5.73*		99.66*		99.78*		100.88*		100.88*		5.76*		
J		99.78*		99.62*		99.99*		81.94*		99.66*		19.56*		99.75*	
K			99.78*		99.72*		99.75*		99.81*		99.69*		99.93*		
L				81.78*		19.56*		99.94*		19.59*		81.68*			
O					99.63*		5.76*		5.67*		100.88*				
P						99.66*		99.78*		99.63*					
Q															

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							411.90*	411.42*							
							317.36*	534.24*							
							486.27*	586.59*							
							467.29*	518.90*							
							488.75*	571.19*							
							472.77*	521.93*							
							349.58*	356.81*							
C						553.46*			484.67*	549.85*			356.92*		
						648.87*			384.74*	634.41*			463.36*		
						572.24*			353.47*	613.66*			465.23*		
						613.87*			384.95*	626.78*			467.89*		
						645.71*			412.83*	635.75*			469.56*		
						629.64*			418.96*	646.74*			428.44*		
						423.97*			338.55*	442.98*			232.92*		
D					447.90*					594.40*				321.93*	
					767.61*					669.79*				434.87*	
					685.63*					631.62*				432.23*	
					791.27*					641.35*				455.76*	
					786.98*					719.14*				468.74*	
					737.66*					720.67*				485.67*	
					563.48*					580.24*				217.35*	
E				677.14*			575.66*		560.17*		643.72*				
				837.14*			737.66*		648.97*		748.89*				
				788.90*			672.85*		669.42*		654.74*				
				796.18*			679.58*		695.66*		711.07*				
				822.0[illegible]*			733.41*		722.46*		737.24*				
				763.68*			789.51*		642.28*		722.22*				
				560.62*			500.16*		527.34*		645.63*				
F			981.96*				559.99*	526.15*				658.56*	554.78*		
			639.65*				676.62*	664.98*				627.64*	654.45*		
			575.52*				676.91*	683.94*				427.35*	805.66*		
			619.96*				698.48*	1263.18*				658.28*	621.13*		
			630.60*				724.48*	698.67*				738.82*	674.50*		
			622.76*				698.16*	618.12*				726.88*	658.56*		
			466.29*				498.67*	272.76*				486.84*	653.30*		
G		417.91*			575.41*	524.85*			512.85*		533.89*		492.61*		
		497.83*			731.02*	675.67*			672.63*		686.89*		377.38*		
		591.37*			639.06*	646.02*			652.39*		662.95*		351.97*		
		491.00*			689.38*	784.71*			694.05*		716.40*		357.92*		
		488.58*			783.27*	692.57*			705.35*		739.35*		384.38*		
		651.03*			711.96*	714.60*			654.67*		739.07*		368.29*		
		370.51*			544.23*	475.38*			473.37*		519.78*		270.79*		
H	343.18*				555.73*			446.54*	481.48*				457.97*		
	486.16*				660.97*			541.85*	647.77*				523.42*		
	486.64*				668.87*			601.32*	675.46*				506.92*		
	484.81*				671.90*			677.79*	659.87*				527.25*		
	458.90*				601.82*			677.60*	676.86*				532.98*		
	453.62*				604.98*			643.14*	649.17*				549.98*		
	300.82*				384.87*			448.91*	431.18*				449.88*		
K					565.69*						572.39*	696.31*			
					727.42*						780.88*	824.93*			
					687.25*						692.81*	721.34*			
					700.90*						724.57*	759.99*			
					765.02*						742.44*	861.31*			
					807.00*						769.34*	886.75*			
					590.07*						615.14*	582.73*			
											685.98*		958.76*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P			570.41*	603.04*			570.51*	603.04*				627.04*	644.49*		
			630.60*				698.69*	1263.18*				627.39*	615.66*		
			622.74*				726.46*	640.67*				654.20*	671.13*		
			444.21*				698.14*	618.12*				738.42*	678.50*		
							444.67*	272.76*				726.84*	668.56*		
												486.88*	653.30*		
O		417.51*			479.41*	528.65*			512.65*		573.09*		452.61*		
		497.81*			731.82*	675.47*			672.63*		676.83*		377.30*		
		491.37*			634.36*	696.82*			652.19*		662.55*		351.37*		
		491.99*			669.38*	708.71*			644.83*		716.40*		367.92*		
		480.52*			703.27*	642.57*			715.35*		739.35*		304.38*		
		491.13*			711.96*	714.68*			654.42*		718.07*		368.79*		
		370.91*			548.23*	475.30*			673.37*		514.70*		270.79*		
N	363.18*				995.73*			499.54*	481.46*						
	440.16*				668.97*			641.89*	647.77*				457.97*		
	496.64*				660.27*			681.32*	675.66*				523.32*		
	494.21*				671.58*			677.79*	669.67*				506.52*		
	490.84*				681.02*			677.68*	676.36*				527.25*		
	482.63*				668.96*			663.16*	649.17*				532.98*		
	262.82*				384.87*			448.51*	631.18*				545.43*		
													446.22*		
K					949.49*						770.34*	695.31*			
					727.42*						785.01*	676.91*			
					687.19*						692.01*	775.34*			
					784.92*						724.67*	799.99*			
					763.01*						742.44*	861.31*			
					687.68*						769.35*	886.74*			
					598.49*						615.14*	982.73*			
L		537.56*	546.25*			557.78*					590.[illegible]19		558.26*		
		714.97*	619.25*			677.57*					636.[illegible]8*		606.42*		
		658.42*	582.21*			651.50*					638.16*		601.63*		
		672.44*	596.31*			672.10*					683.[illegible]		665.[illegible]		
		674.63*	672.39*			673.42*					714.06*		599.68*		
		646.52*	638.55*			663.66*					749.74*		536.56*		
		628.32*	678.34*			663.54*					536.01*		512.76*		
M			608.28*				568.38*		597.28*	597.28*				696.50*	
			606.15*				757.64*		785.82*	689.46*				653.20*	
			728.13*				712.82*		660.07*	643.96*				637.71*	
			742.92*				705.88*		696.82*	697.71*				663.56*	
			749.68*				717.31*		741.30*	717.15*				647.65*	
			721.46*				739.49*		711.43*	699.11*				597.95*	
			606.99*				565.25*		653.72*	693.68*				343.33*	
N				600.72*				598.72*	725.17*						
				715.06*				738.56*	847.17*						
				678.19*				788.27*	746.63*						
				693.67*				732.29*	815.34*						
				697.04*				739.69*	859.64*						
				686.48*				697.78*	887.34*						
				298.97*				521.93*	547.86*						
O					633.14*	577.14*				626.18*		532.94*			
					701.96*	653.85*				643.07*		677.54*			
					726.74*	584.68*				628.78*		666.71*			
					747.88*	625.83*				698.66*		710.18*			
					762.14*	647.28*				784.31*		674.46*			
					672.83*	628.39*				686.92*		591.92*			
					463.48*	431.78*				427.49*		354.09*			
Q						510.17*									
						483.48*									
						678.38*									
						677.59*									
						727.11*									
						676.96*									
						438.88*									
R							374.96*			260.51*					
							445.78*			398.61*					
							429.34*			396.11*					
							423.95*			407.94*					
							450.68*			412.97*					
							429.41*			378.96*					
							285.12*			241.98*					

CASE 17

TMI-1 CY-2

YEAR 75 MONTH 08 DAY 19 HOUR 18 MINUTE 38 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
1279.6	12840.	629.88

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.879	CORE OUTLET	2163.9	LOOP A INLET TEMP(1)	568.85
RC FLOW LOOP B	59.427	SECONDARY LOOP A	894.58	LOOP A INLET TEMP(2)	567.14
RC TOTAL FLOW	137.91	SECONDARY LOOP B	894.58	LOOP B INLET TEMP(1)	567.82
FEEDWATER FLOW LOOP A	2.5216			LOOP B INLET TEMP(2)	567.72
FEEDWATER FLOW LOOP B	2.4961			FEEDWATER (LOOP A)	393.25
LETDOWN FLOW	.35181E-01			FEEDWATER (LOOP B)	393.25
				REACTOR OUTLET (LOOP A)	591.83
				REACTOR OUTLET (LOOP B)	591.25
				STEAM TEMP(LOOP A)	592.80
				STEAM TEMP (LOOP B)	590.25

#00m

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69*		92.31*		99.41*					
C					99.78*		0.00*		.03*		99.78*				
D				17.49*		29.19*		99.75*		26.01*		17.46*			
E			99.61*		99.81*		99.75*		98.78*		98.76*		99.81*		
F		99.72*		28.89*		92.56*		17.43*		92.34*		26.84*		99.69*	
G			0.00*		99.69*		99.75*		99.66*		98.67*		.36*		
H		92.46*		99.75*		14.60*		99.87*		18.54*		99.66*		92.40*	
K			.03*		99.66*		99.75*		100.00*		100.00*		.03*		
L		99.78*		28.17*		92.63*		18.51*		92.40*		27.06*		99.75*	
M			99.78*		99.72*		99.78*		99.78*		99.69*		99.43*		
N				18.60*		29.11*		99.54*		29.17*		18.51*			
O					99.66*		0.00*		0.00*		100.00*				
P						99.87*		92.34*		99.66*					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHCBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							225.58*	225.88*							
							318.09*	319.19*							
							268.28*	291.58*							
							245.77*	261.97*							
							268.24*	317.58*							
							298.39*	322.62*							
							215.71*	165.91*							
C						313.91*			146.44*	311.81*			214.65*		
						399.28*			232.52*	390.04*			241.18*		
						246.75*			247.23*	319.51*			189.19*		
						260.93*			172.24*	266.73*			170.54*		
						324.14*			210.17*	321.31*			191.59*		
						[illegible]			249.66*	394.34*			216.55*		
						[illegible]			206.53*	294.14*			140.12*		
D					346.94*					351.66*				191.90*	
					434.68*					445.19*				243.80*	
					381.75*					294.96*				196.43*	
					265.73*					179.16*				148.79*	
					343.91*					339.34*				213.62*	
					490.54*					422.69*				229.69*	
					367.39*					326.79*				156.14*	
E				413.38*			316.17*		327.50*		347.79*				
				450.28*			413.14*		385.96*		441.63*				
				317.98*			303.66*		296.75*		298.44*				
				284.33*			257.61*		261.97*		250.59*				
				394.27*			325.53*		323.75*		338.92*				
				412.72*			395.71*		342.83*		489.32*				
				333.46*			315.53*		323.42*		315.24*				
F			389.68*				332.64*	306.78*				394.18*	315.74*		
			307.47*				340.97*	243.28*				447.54*	484.96*		
			388.52*				262.41*	168.64*				712.56*	313.15*		
			266.94*				241.32*	141.98*				177.28*	263.86*		
			312.84*				245.84*	164.11*				348.42*	339.14*		
			372.87*				345.82*	201.25*				425.94*	396.28*		
			307.83*				285.94*	169.94*				322.33*	297.55*		
G		227.29*			335.35*	387.46*			296.59*		315.83*		148.16*		
		294.29*			425.78*	334.78*			322.52*		396.84*		230.12*		
		271.76*			298.44*	265.44*			246.75*		295.54*		184.69*		
		247.63*			263.14*	243.24*			222.94*		271.84*		165.22*		
		287.53*			311.26*	278.75*			265.14*		331.01*		196.46*		
		288.98*			395.28*	387.91*			314.01*		487.73*		221.63*		
		230.59*			334.71*	278.44*			277.07*		334.73*		173.14*		
H	199.83*				321.84*			267.27*	277.3[illegible]*				239.48*		
	267.92*				353.32*			382.10*	330.33*				314.75*		
	259.68*				248.62*			245.62*	252.48*				278.23*		
	238.57*				247.68*			223.81*	246.79*				248.84*		
	295.61*				272.01*			252.85*	248.96*				288.24*		
	268.73*				394.85*			388.64*	382.87*				331.96*		
	148.80*				249.62*			269.89*	294.01*				271.93*		
K					338.04*						[illegible]	[illegible]			
					487.71*						398.31*	494.58*			
					318.19*						316.22*	365.71*			
					272.51*						278.49*	326.97*			
					341.71*						331.42*	416.15*			
					448.98*						423.07*	474.97*			
					369.81*						371.44*	377.15*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			312.00*				241.32*	141.90*				177.28*	263.06*		
			312.00*				241.00*	144.11*				348.42*	139.14*		
			372.07*				345.42*	201.25*				425.84*	398.28*		
			389.02*				265.94*	149.94*				328.33*	297.55*		
G		227.25*			335.35*	387.56*		246.59*		335.84*		144.16*			
		299.25*			4.5.78*	334.79*		322.92*		346.94*		233.12*			
		231.76*			290.44*	265.44*		246.75*		296.54*		164.69*			
		247.43*			263.18*	243.24*		222.35*		271.84*		165.22*			
		267.53*			311.26*	270.79*		265.18*		331.01*		196.46*			
		288.94*			393.26*	357.91*		318.01*		487.73*		221.63*			
		258.58*			319.71*	278.44*		277.37*		318.74*		175.14*			
H	195.83*				321.44*		267.27*	277.3.*				239.64*			
	267.52*				353.32*		302.18*	380.33*				314.75*			
	299.60*				288.62*		245.42*	232.40*				278.21*			
	238.97*				247.88*		223.01*	216.79*				248.88*			
	258.61*				272.81*		252.85*	240.96*				280.24*			
	288.73*				394.05*		388.69*	302.67*				331.96*			
	140.89*				249.62*		269.85*	254.81*				271.93*			
K					358.04*					335.01*	346.24*				
					487.71*					398.31*	494.58*				
					310.15*					336.22*	385.31*				
					272.91*					278.49*	326.92*				
					341.71*					331.42*	416.15*				
					443.95*					423.07*	476.97*				
					165.48*					371.44*	377.15*				
L		386.89*	389.[illegible]2*			329.03*				349.87*		316.43*			
		423.42*	379.54*			347.74*				405.67*		407.76*			
		369.67*	323.25*			244.71*				339.81*		322.12*			
		317.43*	252.82*			258.85*				257.31*		246.77*			
		396.26*	333.17*			294.47*				325.54*		344.4[illegible]*			
		394.25*	390.64*			363.44*				439.93*		412.[illegible]*			
		269.24*	289.31*			196.35*				329.24*		350.66*			
M			347.10*				334.56*	348.24*	350.58*					296.56*	
			461.97*				426.77*	394.14*	417.25*					373.97*	
			349.42*				327.16*	294.46*	385.87*					313.79*	
			316.24*				272.95*	262.26*	264.11*					296.44*	
			346.02*				319.93*	331.98*	329.16*					320.31*	
			412.90*				486.73*	396.34*	396.46*					351.32*	
			318.98*				343.36*	273.73*	296.87*					229.64*	
N				349.25*			334.33*	4.3.61*							
				383.12*			424.28*	584.96*							
				179.17*			256.88*	374.90*							
				196.93*			314.43*	329.6.*							
				142.07*			366.37*	416.45*							
				232.89*			489.73*	477.50*							
				171.50*			334.87*	356.31*							
O					379.14*	523.66*				464.33*		319.11*			
					449.55*	397.90*				417.21*		354.26*			
					348.89*	376.64*				325.28*		275.28*			
					298.77*	266.51*				298.47*		260.22*			
					391.83*	322.12*				342.93*		279.59*			
					387.35*	368.50*				411.80*		313.83*			
					337.29*	285.19*				236.19*		231.34*			
P						296.29*									
						489.42*									
						368.27*									
						323.21*									
						381.35*									
						439.88*									
						282.89*									
R							191.27*			162.18*					
							267.64*			231.43*					
							236.66*			214.33*					
							228.21*			282.46*					
							256.41*			221.93*					
							265.38*			238.23*					
							175.36*			152.67*					

CASE 19

TMI-1 CY-2

YEAR 76 MONTH 08 DAY 26 HOUR 11 MINUTE 00 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2525.4	12239.	595.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.554	CORE OUTLET	2184.0	LOOP A INLET TEMP(1)	558.86
RC FLOW LOOP B	69.585	SECONDARY LOOP A	896.50	LOOP A INLET TEMP(2)	556.56
RC TOTAL FLOW	139.62	SECONDARY LOOP B	896.50	LOOP B INLET TEMP(1)	557.06
FEEDWATER FLOW LOOP A	5.3122			LOOP B INLET TEMP(2)	5[illegible].00
FEEDWATER FLOW LOOP B	5.2391			FEEDWATER (LOOP A)	457.21
LETDOWN FLOW	.23684E-01			FEEDWATER (LOOP B)	457.21
				REACTOR OUTLET (LOOP A)	602.21
				REACTOR OUTLET (LOOP B)	601.85
				STEAM TEMP(LOOP A)	596.30
				STEAM TEMP (LOOP B)	592.93

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.66%		99.75%		99.44%					
C					99.79%		6.69%		6.79%		99.41%				
D				68.55%		16.38%		99.75%		17.48%		88.67%			
E			99.81%		99.81%		99.74%		99.78%		99.76%		99.84%		
F		99.72%		18.51%		137.[illegible]%		98.58%		99.79%		16.44%		99.72%	
G			6.75%		99.69%		99.75%		99.69%		98.78%		6.75%		
H		99.87%		99.78%		88.58%		99.98%		[illegible]%		99.69%		99.84%	
K			5.73%		99.68%		99.79%		100.[illegible]%		101.8[illegible]%		6.78%		
L		99.81%		18.68%		99.87%		88.46%		99.8[illegible]%		17.43%		99.75%	
M			99.81%		99.72%		99.76%		99.54%		99.66%		99.93%		
N				48.78%		14.51%		99.54%		18.57%		87.49%			
O					99.66%		5.74%		6.69%		100.48%				
P						99.84%		99.78%		99.66%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4															
8							425.77*	425.96*							
							528.76*	548.66*							
							491.49*	509.71*							
							494.46*	518.22*							
							490.88*	573.21*							
							474.96*	521.79*							
							156.42*	360.19*							
C						562.11*			586.75*	554.47*			356.48*		
						631.95*			388.26*	672.46*			454.17*		
						574.25*			354.64*	617.88*			463.54*		
						626.87*			391.72*	648.10*			468.65*		
						641.85*			411.06*	633.98*			454.76*		
						623.37*			416.17*	648.46*			414.55*		
						629.42*			331.69*	444.65*			232.39*		
D				647.01*						597.76*				326.34*	
				741.02*						566.99*				434.49*	
				683.03*						418.41*				431.70*	
				764.09*						696.12*				456.35*	
				776.48*						711.				454.42*	
				723.46*						716.74*				482.13*	
				558.98*						497.44*				240.49*	
E				676.06*			579.83*		564.40*		642.69*				
				790.56*			724.46*		676.00*		726.61*				
				717.56*			678.07*		647.52*		652.57*				
				806.58*			695.93*		783.05*		711.77*				
				813.08*			729.04*		715.44*		728.43*				
				719.29*			696.56*		698.67*		789.48*				
				496.83*			497.44*		523.92*		483.58*				
F			360.51*				556.39*	530.46*				653.11*	564.36*		
			623.51*				678.86*	663.60*				535.82*	641.28*		
			575.67*				674.66*	697.40*				429.64*	686.92*		
			633.48*				695.02*	669.21*				696.30*	633.46*		
			626.07*				716.08*	687.62*				722.62*	674.80*		
			616.55*				678.34*	682.86*				714.31*	662.61*		
			465.73*				488.74*	274.28*				486.60*	453.18*		
G		432.57*			574.58*	531.46*			516.01*		577.34*		514.32*		
		581.83*			719.57*	666.45*			667.89*		673.28*		373.74*		
		496.09*			637.80*	681.74*			679.39*		662.96*		353.91*		
		538.12*			698.39*	784.25*			640.65*		721.25*		372.33*		
		448.12*			695.82*	689.14*			697.24*		732.17*		382.80*		
		453.87*			699.60*	781.56*			643.76*		774.31*		354.76*		
		383.82*			748.21*	673.49*			673.62*		514.50*		263.51*		
H	399.49*				581.34*			471.70*	546.32*				473.27*		
	458.73*				659.48*			639.38*	644.66*				522.42*		
	481.68*				657.71*			676.33*	672.27*				519.31*		
	459.31*				674.78*			674.49*	697.43*				533.88*		
	458.88*				642.78*			649.87*	648.54*				531.45*		
	438.77*				687.01*			632.04*	637.88*				542.92*		
	347.28*				385.98*			447.98*	438.64*				447.96*		
I					769.46*						675.78*	695.97*			
					713.79*						695.56*	797.39*			
					684.81*						691.46*	716.48*			
					719.19*						779.95*	809.28*			
					798.08*						735.53*	844.98*			
					796.19*						748.37*	789.53*			
					907.28*						611.98*	578.33*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]			[illegible]	[illegible]				595.02*	641.20*			
			[illegible]			676.04*	687.48*				429.84*	686.42*			
			638.69*			695.02*	689.21*				690.37*	633.46*			
			676.07*			716.04*	687.62*				722.62*	674.80*			
			515.90*			678.36*	682.06*				716.31*	662.61*			
			469.73*			496.70*	274.26*				456.62*	653.14*			
G		432.17*			579.58*	531.46*			516.01*	577.34*		534.12*			
		501.83*			719.57*	666.65*			667.09*	673.70*		573.74*			
		498.05*			637.80*	681.78*			679.39*	667.96*		513.11*			
		529.12*			696.39*	789.25*			500.65*	721.25*		622.13*			
		498.42*			699.02*	683.14*			697.28*	732.17*		382.18*			
		493.07*			699.68*	781.55*			643.76*	728.33*		564.76*			
		388.82*			568.21*	673.69*			673.62*	514.58*		264.51*			
H	395.49*				661.34*		471.70*	696.32*				473.23*			
	453.73*				659.08*		638.38*	646.48*				522.42*			
	481.83*				657.71*		676.33*	672.27*				510.31*			
	459.31*				676.76*		674.49*	657.43*				533.88*			
	459.88*				642.78*		669.87*	668.54*				531.43*			
	439.77*				657.51*		632.04*	637.88*				542.92*			
	267.23*				383.98*		447.98*	438.64*				447.56*			
K					568.66*					576.78*	645.52*				
					782.78*					695.65*	797.34*				
					684.21*					691.65*	7[illegible].64*				
					719.14*					729.55*	[illegible].28*				
					755.85*					735.52*	866.98*				
					796.19*					758.37*	789.53*				
					597.10*					611.90*	578.33*				
L		547.61*	555.59*			558.[illegible]*				591.24*		[illegible]			
		718.32*	686.65*			666.14*				565.31*		612.13*			
		618.98*	591.93*			649.73*				534.40*		502.[illegible]*			
		676.82*	687.89*			676.76*				637.46*		[illegible]			
		669.46*	666.47*			665.91*				706.69*		688.45*			
		637.28*	633.51*			653.70*				737.74*		698.57*			
		488.21*	432.32*			448.64*				533.02*		513.42*			
M			548.42*				573.61*		539.41*	549.04*				499.46*	
			798.39*				744.17*		691.88*	668.67*				645.03*	
			734.28*				787.19*		658.32*	643.42*				636.40*	
			767.42*				709.07*		702.79*	739.24*				664.91*	
			741.58*				788.27*		731.84*	789.68*				640.38*	
			789.78*				729.67*		708.03*	647.64*				549.10*	
			466.98*				563.68*		672.94*	491.64*				343.99*	
N				581.10*				688.23*	729.42*						
				784.35*				724.37*	617.94*						
				674.75*				787.42*	740.57*						
				788.18*				736.75*	822.42*						
				692.26*				732.92*	843.75*						
				649.37*				690.61*	789.53*						
				298.7[illegible]*				528.77*	542.32*						
O					636.56*	581.86*				.13*		533.76*			
					769.81*	638.74*				653.53*		667.82*			
					723.90*	845.92*				620.29*		663.91*			
					753.16*	639.51*				785.87*		710.72*			
					753.78*	643.21*				696.85*		671.27*			
					661.02*	616.75*				677.42*		582.51*			
					652.85*	633.91*				626.77*		566.26*			
P						526.79*									
						678.85*									
						676.85*									
						688.46*									
						721.50*									
						668.39*									
						436.57*									
Q							348.79*			284.12*					
							451.65*			392.24*					
							429.87*			401.89*					
							426.97*			411.14*					
							499.47*			412.57*					
							438.19*			378.32*					
							289.89*			243.47*					

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CASE 19

TMI-1 CY-2

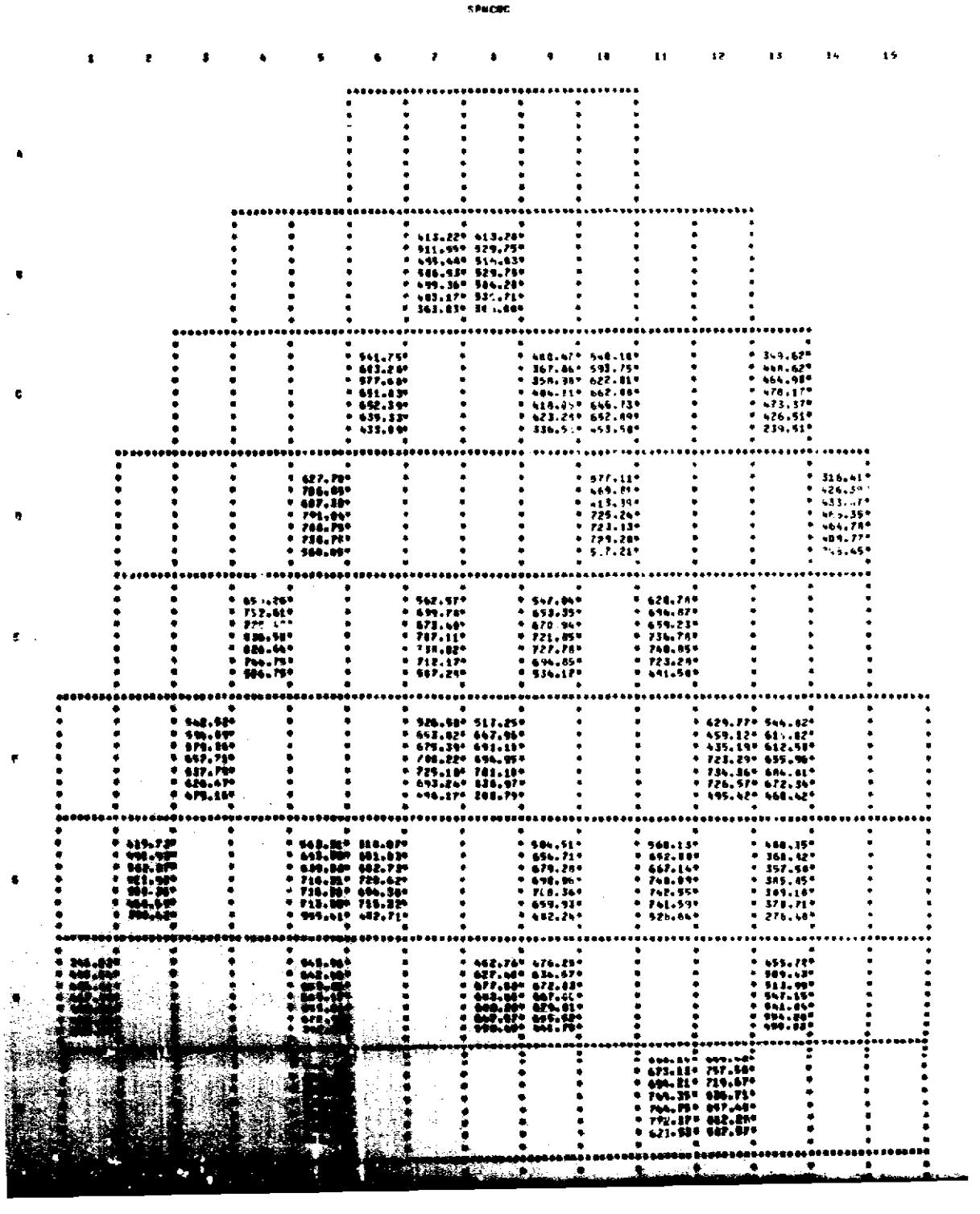
YEAR 76 MONTH 09 DAY 01 HOUR 09 MINUTE 57 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2531.6	12379.	589.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.496	CORE OUTLET	2174.6	LOOP A INLET TEMP(1)	558.83
RC FLOW LOOP B	69.770	SECONDARY LOOP A	896.38	LOOP A INLET TEMP(2)	556.33
RC TOTAL FLOW	139.01	SECONDARY LOOP B	896.38	LOOP B INLET TEMP(1)	556.96
FEEDWATER FLOW LOOP A	5.3577			LOOP B INLET TEMP(2)	556.96
FEEDWATER FLOW LOOP B	5.2693			FEEDWATER (LOOP A)	458.86
LETDOWN FLOW	.23705E-01			FEEDWATER (LOOP B)	458.86
				REACTOR OUTLET (LOOP A)	602.12
				REACTOR OUTLET (LOOP B)	601.86
				STEAM TEMP(LOOP A)	596.23
				STEAM TEMP (LOOP B)	592.86

FLOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69*		99.75*		99.51*					
C					99.78*		6.69*		6.75*		99.61*				
D				81.68*		16.41*		99.75*		15.27*		81.75*			
E			99.61*		99.61*		99.78*		99.78*		99.73*		99.91*		
F		99.72*		17.60*		100.06*		81.66*		99.74*		14.24*		99.72*	
G			5.70*		99.72*		99.72*		99.66*		98.71*		5.76*		
H		99.87*		99.78*		81.66*		99.98*		81.72*		99.66*		99.81*	
K			5.73*		99.69*		99.81*		100.00*		100.00*		6.75*		
L		99.78*		16.47*		99.87*		81.54*		99.74*		15.27*		99.75*	
M			99.78*		99.72*		99.78*		99.81*		99.69*		99.96*		
N				81.78*		16.80*		99.51*		16.44*		81.68*			
O					99.63*		5.73*		5.78*		100.97*				
P						99.87*		99.78*		30.66*					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15



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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F												485.19*	612.90*		
							788.10*	701.18*				784.38*	694.01*		
			471.10*				440.17*	268.79*				495.42*	660.42*		
G		439.73*			583.31*	816.87*		586.51*		568.13*		488.35*			
		490.92*			693.75*	641.13*		654.71*		452.88*		388.92*			
		588.07*			690.62*	682.73*		679.25*		667.14*		357.60*			
		811.90*			718.31*	720.62*		698.86*		740.04*		385.05*			
		980.30*			796.08*	694.38*		768.36*		762.55*		389.18*			
		668.69*			713.08*	718.83*		669.91*		741.59*		378.71*			
		390.42*			556.41*	482.71		482.24*		526.64*		276.48*			
H	368.87*				845.58*		462.78*	476.75*				455.72*			
	445.64*				842.46*		627.48*	636.57*				589.43*			
	484.41*				884.88*		677.58*	672.03*				513.79*			
	487.99*				809.17*		803.68*	667.66*				547.85*			
	444.66*				891.01*		888.28*	679.01*				541.84*			
	443.21*				872.90*		847.97*	659.92*				554.20*			
	272.18*				788.02*		691.48*	440.75*				459.33*			
K					988.48*					558.14*	489.42*				
					809.98*					673.13*	797.58*				
					888.29*					694.21*	719.87*				
					723.60*					745.35*	536.71*				
					757.74*					744.75*	847.48*				
					818.32*					772.17*	462.26*				
					688.37*					621.53*	587.57*				
L		638.27*	687.88*			841.68*				572.76*		544.38*			
		591.09*	677.10*			846.07*				633.74*		622.16*			
		651.97*	587.17*			651.29*				638.74*		487.94*			
		691.72*	638.83*			691.09*				722.21*		702.28*			
		688.82*	688.69*			677.38*				720.18*		697.68*			
		847.57*	644.39*			666.94*				752.09*		649.78*			
		616.38*	640.24*			486.76*				545.76*		521.21*			
M			571.52*				554.71*		581.73*	578.74*				487.35*	
			788.68*				718.82*		689.72*	655.84*				628.17*	
			787.63*				718.14*		661.39*	646.78*				637.28*	
			618.44*				720.59*		721.71*	735.25*				677.02*	
			798.79*				721.21*		743.67*	719.68*				648.75*	
			729.23*				742.14*		714.82*	699.55*				587.34*	
			490.90*				571.62*		569.54*	498.37*				349.61*	
N				585.38*				986.86*	721.05*						
				642.56*				781.68*	777.68*						
				676.38*				718.68*	744.63*						
				718.49*				758.36*	852.04*						
				782.08*				744.89*	856.84*						
				634.17*				699.32*	881.21*						
				287.40*				524.99*	551.44*						
O					617.08*	562.52*				558.74*		519.78*			
					738.01*	689.67*				634.35*		649.96*			
					727.71*	599.56*				633.92*		664.92*			
					774.35*	645.79*				737.48*		724.36*			
					708.71*	655.49*				713.18*		688.99*			
					675.38*	627.34*				692.27*		595.42*			
					464.95*	442.36*				436.51*		395.18*			
P						818.53*									
						661.12*									
						680.20*									
						575.53*									
						732.08*									
						688.98*									
						469.69*									
R							338.53*			281.51*					
							445.13*			384.81*					
							432.42*			482.25*					
							430.26*			418.56*					
							460.17*			418.96*					
							438.62*			384.18*					
							296.61*			247.49*					

CASE 20

TMI-1 CY-2

YEAR 76 MONTH 09 DAY 09 HOUR 13 MINUTE 17 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2588.4	12629.	556.80

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.063	CORE OUTLET	2177.6	LOOP A INLET TEMP(1)	558.23
RC FLOW LOOP B	69.997	SECONDARY LOOP A	892.98	LOOP A INLET TEMP(2)	556.55
RC TOTAL FLOW	139.14	SECONDARY LOOP B	892.90	LOOP B INLET TEMP(1)	557.06
FEEDWATER FLOW LOOP A	5.2761			LOOP B INLET TEMP(2)	557.17
FEEDWATER FLOW LOOP B	5.1742			FEEDWATER (LOOP A)	457.53
LETDOWN FLOW	.24378E-01			FEEDWATER (LOOP B)	457.53
				REACTOR OUTLET (LOOP A)	602.15
				REACTOR OUTLET (LOOP B)	601.89
				STEAM TEMP(LOOP A)	596.51
				STEAM TEMP (LOOP B)	593.14

0004

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72%		99.91%		99.72%					
C					100.00%		4.17%		4.29%		99.44%				
D				79.82%		17.31%		99.47%		16.74%		79.26%			
E			99.93%		99.83%		99.81%		100.00%		96.52%		99.81%		
F		99.50%		96.27%		99.93%		79.11%		99.84%		17.28%		99.69%	
G			3.72%		100.00%		100.00%		99.12%		99.63%		4.88%		
H		99.90%		99.90%		79.87%		99.90%		78.96%		99.84%		99.99%	
I			4.17%		100.00%		99.49%		99.75%		100.00%		4.14%		
L		99.78%		18.18%		100.00%		78.90%		99.75%		17.84%		99.57%	
M			100.00%		99.90%		99.12%		99.93%		99.00%		100.00%		
N				79.96%		17.78%		99.72%		18.39%		79.87%			
O					99.90%		4.28%		3.99%		99.75%				
P						100.00%		100.00%		99.98%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHOOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							488.28*	488.01*							
							524.61*	542.13*							
							506.23*	525.32*							
							589.40*	536.57*							
							508.88*	585.00*							
							479.20*	530.04*							
							362.39*	369.08*							
C						585.26*			480.22*	532.19*			356.99*		
						627.09*			374.44*	618.32*			459.52*		
						543.09*			363.27*	629.30*			472.14*		
						548.69*			481.54*	654.58*			476.72*		
						646.64*			614.88*	648.19*			465.93*		
						621.58*			616.45*	638.29*			485.42*		
						426.57*			334.51*	446.55*			233.55*		
D					639.00*					579.67*				327.40*	
					736.68*					554.14*				436.48*	
					692.29*					418.23*				439.43*	
					772.74*					697.95*				464.46*	
					773.08*					711.79*				459.38*	
					784.10*					787.22*				399.86*	
					567.26*					496.34*				241.77*	
E				663.77*			567.27*		552.08*		631.72*				
				799.67*			722.64*		674.68*		722.98*				
				736.26*			679.83*		678.58*		663.18*				
				818.56*			696.99*		712.57*		719.42*				
				812.38*			726.68*		735.31*		725.96*				
				789.70*			646.14*		666.83*		693.45*				
				694.36*			694.24*		921.59*		678.34*				
F			532.91*				560.58*	528.58*				631.69*	536.58*		
			621.61*				678.99*	663.72*				525.84*	638.75*		
			596.05*				666.91*	699.10*				435.96*	619.37*		
			664.98*				785.19*	738.07*				781.37*	648.12*		
			638.73*				713.34*	695.71*				722.14*	679.21*		
			613.39*				896.42*	946.23*				705.11*	661.62*		
			469.76*				442.14*	271.51*				484.58*	457.86*		
G		406.38*			567.88*	527.84*			516.66*		566.12*		397.46*		
		583.33*			715.58*	667.87*			671.2.*		674.05*		372.11*		
		611.62*			667.38*	699.76*			687.14*		671.81*		362.85*		
		619.66*			704.71*	719.91*			688.39*		732.98*		381.64*		
		588.87*			694.88*	641.46*			694.92*		731.21*		346.72*		
		657.62*			648.48*	679.67*			622.74*		714.41*		364.82*		
		398.23*			544.25*	468.35*			667.39*		514.64*		271.58*		
H	343.17*				543.14*			476.05*	466.07*				431.14*		
	484.84*				659.87*			642.85*	649.75*				522.26*		
	679.09*				647.48*			686.17*	681.96*				523.28*		
	675.87*				684.87*			681.96*	669.73*				546.46*		
	692.87*				664.46*			668.25*	667.78*				539.88*		
	648.68*				661.62*			618.67*	619.33*				544.68*		
	873.78*				368.68*			448.38*	629.36*				481.85*		
I					987.63*						982.63*	894.86*			
					711.60*						694.63*	785.06*			
					694.79*						728.96*	726.42*			
					729.66*						739.57*	817.58*			
					756.27*						733.13*	948.91*			
					783.36*						744.15*	778.45*			
					994.39*						637.79*	977.19*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				670.99*	668.72*				[illegible]	[illegible]		
			508.00*				604.51*	699.10*				525.06*	630.75*		
			664.00*				709.19*	738.07*				635.96*	619.37*		
			630.73*				713.34*	695.71*				701.32*	648.12*		
			613.30*				656.42*	641.23*				722.14*	679.21*		
			469.76*				642.16*	371.51*				705.11*	661.42*		
												646.59*	657.56*		
G		406.30*			597.35*	627.74*			316.[illegible]*		566.12*		397.56*		
		501.33*			715.50*	667.87*			671.2[illegible]*		674.26*		376.11*		
		511.42*			667.35*	699.76*			667.34*		671.51*		302.35*		
		516.46*			706.71*	715.91*			684.34*		732.48*		381.64*		
		588.67*			696.51*	641.66*			646.42*		731.21*		345.72*		
		657.62*			696.69*	679.67*			622.74*		714.61*		364.32*		
		390.23*			544.25*	464.35*			667.34*		514.64*		273.58*		
H	343.17*				548.14*			476.05*	408.07*				63[illegible].14*		
	695.59*				650.87*			642.05*	649.75*				522.26*		
	675.65*				647.68*			696.17*	681.96*				521.28*		
	675.57*				608.5[illegible]*			681.96*	665.7[illegible]*				546.86*		
	672.17*				644.46*			664.25*	667.79*				539.80*		
	663.49*				641.02*			613.47*	615.33*				544.68*		
	273.73*				308.07*			640.38*	429.36*				651.85*		
K					557.53*						502.61*	694.[illegible]*			
					711.60*						696.81*	795.06*			
					696.75*						700.99*	725.63*			
					725.46*						739.67*	817.58*			
					756.27*						733.13*	861.61*			
					743.34*						796.15*	775.65*			
					594.37*						607.25*	672.15*			
L		526.55*	527.91*			551.34*					[illegible]	[illegible]			
		797.11*	682.71*			667.03*					[illegible]	[illegible]			
		721.74*	593.65*			657.52*					[illegible]	[illegible]			
		699.43*	621.24*			664.96*					705.[illegible]	[illegible]			
		675.67*	678.34*			664.46*					775.[illegible]	691.25*			
		637.24*	629.74*			648.28*					726.[illegible]	585.[illegible]*			
		611.56*	635.59*			474.38*					530.45*	514.73*			
M			578.34*				541.65*		586.45*	579.24*				490.76*	
			788.21*				741.36*		641.12*	665.72*				642.98*	
			746.68*				719.68*		667.65*	654.26*				645.57*	
			704.72*				721.16*		712.87*	775.43*				675.34*	
			741.68*				708.75*		721.24*	749.12*				643.43*	
			698.49*				716.53*		686.46*	677.27*				581.61*	
			446.21*				559.64*		608.04*	474.98*				349.24*	
N				575.49*			574.77*	685.38*							
				713.96*			719.94*	887.84*							
				695.18*			719.72*	750.8[illegible]*							
				710.43*			749.32*	831.4[illegible]*							
				692.43*			734.84*	840.84*							
				593.42*			688.89*	775.84*							
				249.32*			521.22*	543.68*							
O					623.02*	553.66*				543.51*		529.6[illegible]*			
					762.74*	636.74*				645.67*		667.00*			
					735.35*	598.24*				642.13*		671.94*			
					766.58*	654.25*				726.40*		719.54*			
					753.08*	648.26*				786.25*		671.55*			
					690.46*	613.67*				677.47*		566.50*			
					454.82*	436.12*				438.18*		346.37*			
P						506.32*									
						675.17*									
						698.41*									
						684.35*									
						727.76*									
						688.95*									
						641.57*									
R							336.15*			281.84*					
							453.96*			336.68*					
							463.46*			410.36*					
							465.68*			421.97*					
							470.77*			419.54*					
							439.33*			382.81*					
							290.87*			247.74*					

CASE 21

TMI-1 CY-2

YEAR 76 MONTH 09 DAY 16 HOUR 09 MINUTE 58 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2517.5	12839.	550.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.320	CORE OUTLET	2178.2	LOOP A INLET TEMP(1)	557.66
RC FLOW LOOP B	69.659	SECONDARY LOOP A	899.20	LOOP A INLET TEMP(2)	555.93
RC TOTAL FLOW	139.09	SECONDARY LOOP B	899.20	LOOP B INLET TEMP(1)	556.65
FEEDWATER FLOW LOOP A	5.3323			LOOP B INLET TEMP(2)	556.66
FEEDWATER FLOW LOOP B	5.2324			FEEDWATER (LOOP A)	456.71
LETDOWN FLOW	.24386E-01			FEEDWATER (LOOP B)	456.71
				REACTOR OUTLET (LOOP A)	601.63
				REACTOR OUTLET (LOOP B)	601.37
				STEAM TEMP(LOOP A)	595.82
				STEAM TEMP (LOOP B)	592.59

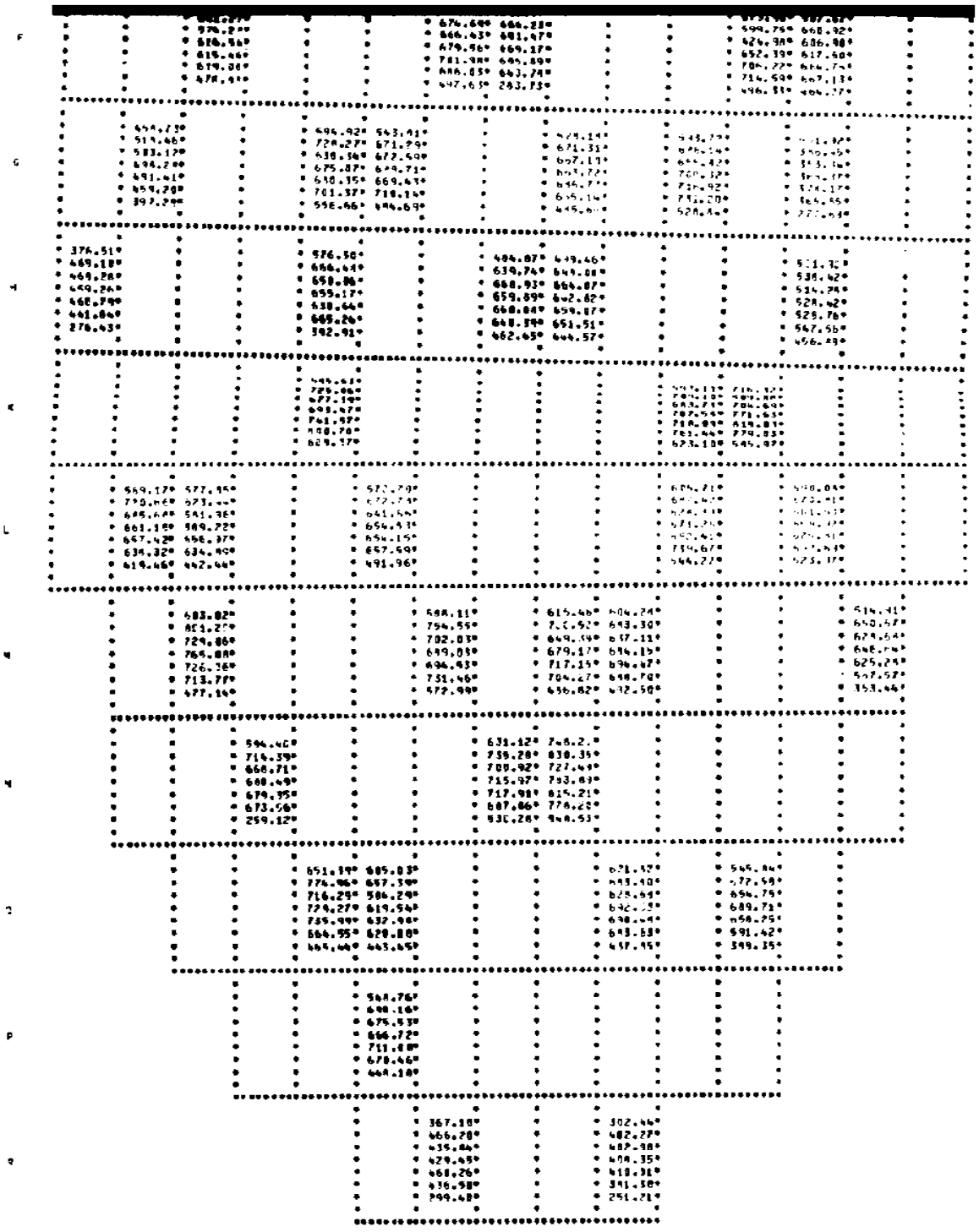
*ODN

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
B															
J						99.69*		99.78*		99.81*					
C					99.78*		6.66*		6.74*		99.81*				
D				81.68*		28.67*		99.78*		18.54*		81.74*			
E			99.81*		99.84*		99.74*		98.70*		98.76*		99.94*		
F		99.69*		19.59*		188.98*		81.66*		188.88*		18.68*		99.72*	
G			6.72*		99.72*		99.75*		99.66*		98.78*		6.78*		
H		99.68*		99.75*		81.66*		99.98*		81.63*		99.69*		100.00*	
K			6.38*		99.69*		99.81*		188.88*		188.88*		7.69*		
L		99.78*		99.62*		99.87*		81.54*		99.81*		19.56*		99.72*	
M			99.81*		99.72*		19.81*		99.81*		99.69*		99.98*		
N				81.81*		19.98*		99.94*		19.69*		81.68*			
O					99.66*		6.83*		7.83*		188.88*				
P						99.87*		99.78*		99.66*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHCEC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							452.71*	452.98*							
							539.75*	559.94*							
							497.22*	515.57*							
							491.49*	511.61*							
							469.68*	572.13*							
							488.51*	538.52*							
							366.74*	372.79*							
C						546.39*			539.72*	546.59*			368.94*		
						649.88*			393.23*	648.17*			462.19*		
						571.36*			355.69*	616.44*			457.48*		
						607.54*			382.24*	623.25*			458.24*		
						638.27*			485.92*	624.43*			456.59*		
						626.64*			418.62*	643.45*			422.17*		
						436.68*			339.46*	456.81*			262.48*		
D					648.29*					628.78*				334.74*	
					754.25*					634.91*				441.33*	
					679.52*					687.19*				428.16*	
					733.82*					645.57*				446.80*	
					755.93*					635.97*				451.73*	
					728.21*					716.92*				486.69*	
					469.00*					587.00*				247.90*	
E				689.25*			599.93*		551.11*		654.92*				
				803.14*			735.45*		680.86*		719.33*				
				727.87*			662.73*		658.51*		644.71*				
				774.99*			664.31*		651.10*		641.34*				
				791.98*			789.94*		788.96*		789.07*				
				735.93*			699.19*		684.75*		789.30*				
				516.03*			517.17*		536.39*		491.86*				
F			542.64*				558.43*	542.87*				673.96*	567.67*		
			641.27*				674.69*	666.23*				599.75*	660.92*		
			576.28*				646.43*	681.47*				424.98*	606.98*		
			618.56*				679.56*	669.17*				652.39*	617.60*		
			615.46*				701.98*	686.88*				706.22*	684.75*		
			619.88*				646.83*	643.74*				714.59*	667.13*		
			478.84*				497.63*	283.73*				496.33*	484.27*		
G		486.73*			594.92*	543.81*			528.14*		593.77*		551.92*		
		514.46*			728.27*	671.29*			671.31*		626.14*		386.45*		
		583.12*			638.36*	672.59*			667.18*		654.82*		363.34*		
		496.29*			675.87*	694.71*			603.72*		700.32*		365.37*		
		491.41*			638.35*	669.65*			686.77*		716.92*		378.17*		
		459.28*			701.37*	718.14*			635.14*		731.28*		365.55*		
		397.29*			558.66*	496.69*			485.0**		528.9*		277.03*		
H	376.51*				578.30*			484.87*	449.46*				511.90*		
	489.18*				666.68*			639.76*	644.38*				538.42*		
	468.74*				650.86*			686.93*	666.87*				514.74*		
	459.26*				655.17*			659.69*	642.82*				528.42*		
	468.79*				638.66*			668.88*	659.87*				529.76*		
	441.84*				669.24*			668.39*	651.91*				547.56*		
	276.42*				392.94*			487.68*	444.97*				484.49*		
K					595.63*						593.16*	716.32*			
					725.84*						709.18*	803.88*			
					677.89*						683.73*	784.69*			
					693.67*						787.58*	771.63*			
					748.87*						710.89*	819.83*			
					888.78*						781.44*	779.83*			
					689.37*						623.18*	565.97*			
		493.17*	577.8**			572.74*					685.71*		598.88*		



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CASE 22

TMI-1 CY-2

YEAR 76 MONTH 09 DAY 23 HOUR 08 MINUTE 53 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2524.0	13851.	520.00

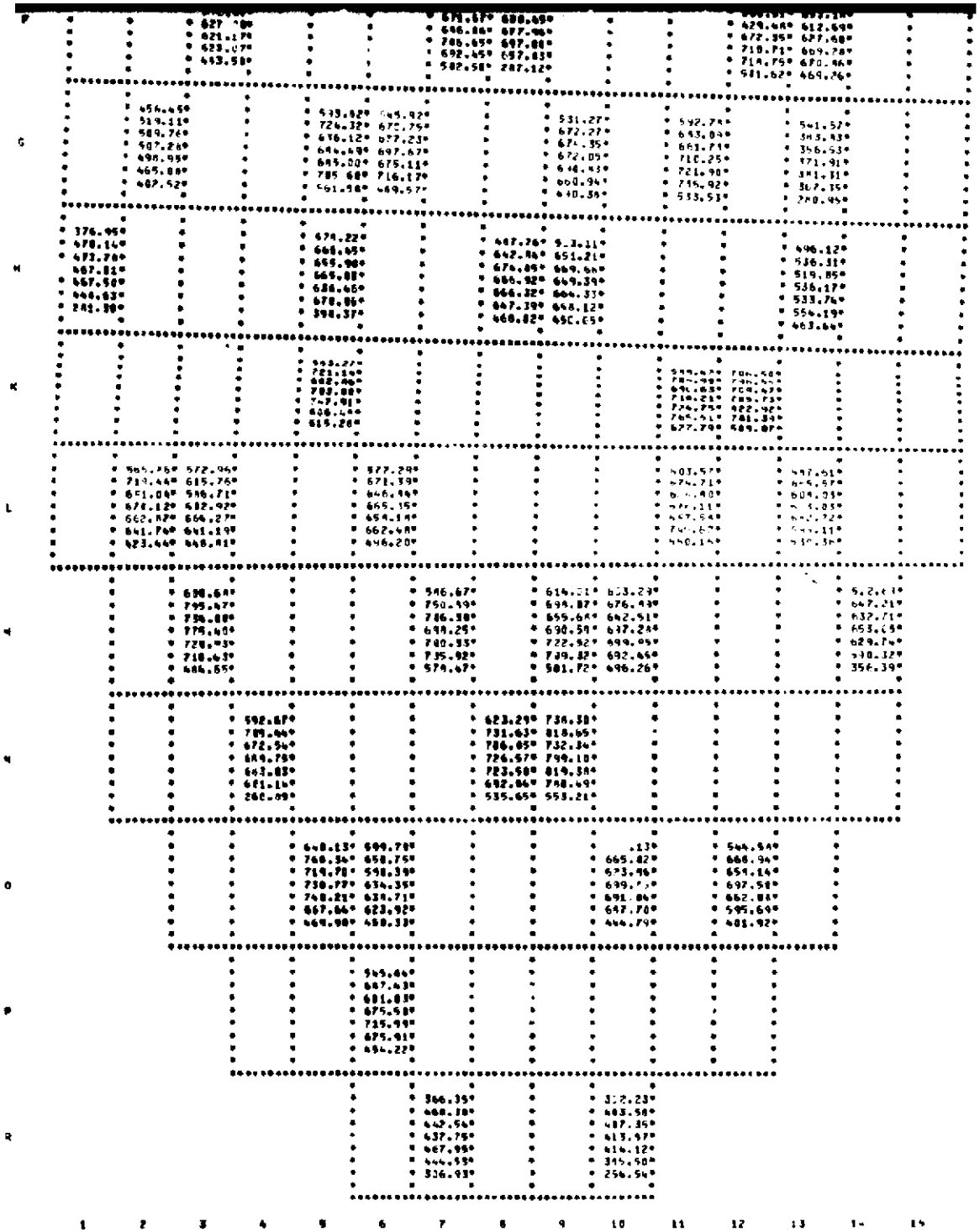
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.258	CORE OUTLET	2176.4	LOOP A INLET TEMP(1)	558.60
RC FLOW LOOP B	69.876	SECONDARY LOOP A	908.70	LOOP A INLET TEMP(2)	556.82
RC TOTAL FLOW	138.55	SECONDARY LOOP B	900.70	LOOP B INLET TEMP(1)	557.23
FEEDWATER FLOW LOOP A	5.3559			LOOP B INLET TEMP(2)	557.66
FEEDWATER FLOW LOOP B	5.2699			FEEDWATER (LOOP A)	456.93
LETDOWN FLOW	.24403E-01			FEEDWATER (LOOP B)	456.93
				REACTOR OUTLET (LOOP A)	682.58
				REACTOR OUTLET (LOOP B)	682.30
				STEAM TEMP(LOOP A)	596.85
				STEAM TEMP (LOOP B)	593.35

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.81%					
C					91.78%		6.66%		6.75%		99.78%				
D				91.88%		9.24%		99.75%		17.40%		81.75%			
E			99.84%		99.81%		99.75%		98.73%		98.73%		99.81%		
F		99.72%		19.53%		100.00%		81.66%		100.00%		17.46%		99.72%	
G			6.72%		99.72%		99.75%		99.66%		98.67%		6.70%		
H		99.90%		99.78%		82.71%		99.90%		82.66%		99.66%		100.00%	
I			5.73%		99.66%		99.78%		100.00%		100.00%		6.75%		
L		99.78%		18.97%		99.67%		82.56%		99.84%		18.91%		99.72%	
M			99.81%		99.69%		99.78%		99.81%		99.69%		99.93%		
N				82.81%		19.90%		99.66%		18.91%		82.62%			
O					99.66%		5.76%		6.72%		100.00%				
P						99.94%		99.70%		99.66%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4															
5							458.28*	458.37*							
							541.25*	561.27*							
							503.47*	523.36*							
							588.97*	525.34*							
							497.10*	501.01*							
							487.87*	536.36*							
							373.64*	378.03*							
6						579.77*			529.82*	579.95*			368.37*		
						643.62*			390.83*	636.68*			461.78*		
						576.39*			368.67*	672.42*			462.28*		
						621.61*			388.82*	655.32*			463.47*		
						636.17*			411.45*	630.75*			465.99*		
						631.65*			421.29*	649.43*			428.05*		
						442.17*			343.26*	461.94*			246.48*		
7					657.04*					613.25*				334.87*	
					746.58*					593.96*				448.26*	
					679.92*					489.45*				431.56*	
					746.35*					468.44*				450.79*	
					760.76*					694.91*				463.34*	
					732.32*					728.96*				418.74*	
					574.53*					512.23*				252.26*	
8				685.96*			593.95*		574.17*		653.67*				
				797.96*			731.24*		663.96*		731.82*				
				712.17*			668.45*		666.09*		668.52*				
				789.75*			675.03*		692.18*		693.11*				
				796.37*			716.14*		785.73*		712.44*				
				737.82*			784.18*		688.85*		711.67*				
				518.92*			512.43*		548.07*		496.19*				
9			677.28*				558.17*	545.62*				669.53*	584.35*		
			536.85*				675.34*	666.69*				588.51*	653.14*		
			578.47*				671.67*	588.45*				429.64*	612.69*		
			427.68*				696.86*	677.96*				672.35*	627.48*		
			621.17*				786.65*	697.88*				718.71*	604.78*		
			428.07*				592.65*	657.83*				718.75*	678.96*		
			493.58*				582.58*	287.12*				581.62*	669.76*		
10		456.45*			593.82*	545.92*			531.27*		592.78*		541.52*		
		519.21*			726.32*	670.75*			672.77*		663.89*		363.93*		
		584.76*			636.12*	677.23*			674.35*		661.73*		356.53*		
		587.28*			684.49*	697.67*			672.85*		710.25*		371.94*		
		448.98*			695.38*	679.11*			638.43*		721.98*		381.31*		
		465.80*			785.68*	716.17*			668.94*		735.92*		367.35*		
		482.92*			561.58*	689.57*			640.38*		533.53*		288.95*		
11	376.95*				575.22*			467.76*	5.3.11*				496.12*		
	478.14*				666.45*			642.84*	651.21*				536.31*		
	473.78*				655.98*			676.69*	669.66*				519.85*		
	467.81*				665.63*			666.92*	649.39*				538.17*		
	487.98*				636.48*			666.82*	644.33*				533.76*		
	448.63*				678.06*			647.39*	658.12*				556.19*		
	281.28*				348.37*			460.82*	486.65*				463.64*		
12					963.27*						549.42*	786.58*			
					721.14*						784.98*	796.55*			
					682.06*						696.63*	759.47*			
					783.80*						730.21*	785.73*			
					747.91*						724.75*	822.92*			
					838.48*						765.51*	781.39*			
					819.28*						627.79*	589.87*			
13		969.06*	572.96*			572.23*					683.57*		587.61*		
		719.46*	615.76*			671.39*					674.71*		665.57*		
		[illegible]	[illegible]			646.06*					636.88*		686.83*		
											636.11*		673.83*		



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CASE 23

TMI-1 CY-2

YEAR 76 MONTH 10 DAY 01 HOUR 09 MINUTE 56 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2510.3	13290.	489.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.249	CORE OUTLET	2175.6	LOOP A INLET TEMP(1)	550.16
RC FLOW LOOP B	69.777	SECONDARY LOOP A	893.30	LOOP A INLET TEMP(2)	556.43
RC TOTAL FLOW	138.02	SECONDARY LOOP B	893.30	LOOP B INLET TEMP(1)	556.89
FEEDWATER FLOW LOOP A	5.3195			LOOP B INLET TEMP(2)	557.33
FEEDWATER FLOW LOOP B	5.2530			FEEDWATER (LOOP A)	457.06
LETDOWN FLOW	.243700E-01			FEEDWATER (LOOP B)	457.06
				REACTOR OUTLET (LOOP A)	602.22
				REACTOR OUTLET (LOOP B)	601.92
				STEAM TEMP(LOOP A)	596.58
				STEAM TEMP (LOOP B)	593.14

"ODD"

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.68%		99.75%		99.81%					
C					99.78%		6.66%		6.75%		99.41%				
D				81.83%		16.41%		99.70%		17.48%		81.75%			
E			99.44%		99.64%		99.70%		98.52%		98.76%		99.66%		
F		99.72%		14.91%		100.00%		81.66%		100.00%		16.67%		99.63%	
G			6.72%		99.72%		99.75%		99.66%		98.78%		6.74%		
H		99.87%		99.78%		81.[illegible]%		99.90%		41.66%		99.66%		100.00%	
I			6.12%		99.66%		99.76%		100.00%		100.00%		6.75%		
L		99.70%		18.60%		99.93%		81.54%		99.44%		17.43%		99.75%	
M			99.81%		99.72%		99.81%		99.81%		99.66%		99.93%		
N				81.78%		17.48%		99.54%		18.57%		81.57%			
O					99.66%		6.12%		6.72%		100.00%				
P						91.87%		99.78%		99.66%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHDOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							453.18*	482.00*							
							544.69*	565.18*							
							557.55*	527.65*							
							513.89*	528.66*							
							496.95*	501.10*							
							486.37*	537.29*							
							376.17*	301.18*							
C						579.90*			525.15*	501.15*			571.68*		
						539.37*			589.66*	631.31*			461.72*		
						578.18*			361.66*	626.85*			462.38*		
						524.67*			392.17*	639.80*			462.49*		
						532.35*			489.81*	626.88*			457.34*		
						626.84*			419.93*	644.50*			422.35*		
						462.16*			344.31*	468.20*			245.57*		
D					659.10*					613.16*				337.33*	
					730.00*					568.31*				439.57*	
					679.21*					639.92*				432.44*	
					747.41*					677.38*				458.23*	
					751.14*					693.79*				451.03*	
					719.63*					718.74*				407.25*	
					570.92*					589.12*				268.73*	
E				684.07*			596.78*		582.87*		655.41*				
				746.75*			730.77*		691.41*		726.74*				
				710.74*			669.17*		666.96*		668.96*				
				751.70*			676.21*		691.49*		695.32*				
				788.96*			710.22*		7...71*		735.82*				
				736.10*			696.24*		677.14*		783.01*				
				588.34*			518.35*		516.75*		495.37*				
F			570.37*				560.66*	556.36*				669.90*	565.05*		
			631.67*				673.52*	667.88*				531.07*	651.07*		
			579.48*				670.39*	593.28*				431.84*	614.26*		
			631.19*				694.35*	604.84*				578.86*	631.47*		
			617.42*				701.32*	607.97*				704.92*	669.72*		
			619.82*				678.38*	637.13*				718.53*	666.18*		
			684.11*				698.99*	519.68*				694.45*	689.64*		
G		659.65*			596.05*	549.14*			537.67*		595.14*		535.10*		
		572.74*			696.25*	679.02*			673.98*		671.38*		545.69*		
		513.49*			635.45*	677.16*			673.36*		663.22*		569.23*		
		511.38*			646.94*	696.16*			669.27*		712.87*		372.93*		
		498.92*			679.38*	667.33*			645.18*		716.56*		380.40*		
		466.18*			695.28*	732.67*			646.89*		727.41*		365.51*		
		476.46*			599.75*	685.27*			486.44*		531.71*		281.[illegible]*		
H	379.83*				578.17*			494.88*	586.17*				495.09*		
	473.09*				664.38*			645.99*	653.15*				536.82*		
	477.56*				658.42*			673.66*	669.73*				521.93*		
	480.66*				668.09*			664.00*	645.18*				539.21*		
	487.68*				631.81*			689.00*	658.65*				589.67*		
	488.93*				684.70*			639.06*	648.23*				591.82*		
	284.00*				599.18*			463.19*	645.99*				686.46*		
I					604.10*						593.18*	704.90*			
					710.46*						782.35*	789.71*			
					682.79*						602.77*	787.06*			
					704.00*						718.27*	705.22*			
					762.44*						719.42*	613.06*			
					795.15*						755.70*	770.02*			
					681.94*						624.85*	505.89*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				673.02*	667.08*				669.90*	645.68*		
			831.16*				678.39*	693.28*				831.97*	851.87*		
			817.02*				644.35*	688.28*				631.84*	614.26*		
			819.02*				781.32*	687.97*				678.86*	630.67*		
			444.11*				678.38*	637.13*				784.92*	665.72*		
							498.99*	319.68*				710.53*	666.18*		
												498.85*	469.64*		
G		484.69*			536.85*	549.14*			537.67*		595.15*		535.10*		
		922.76*			696.25*	678.02*			673.98*		671.30*		543.85*		
		913.49*			635.49*	677.16*			673.36*		663.22*		349.23*		
		511.38*			646.94*	696.14*			664.27*		712.07*		372.93*		
		498.42*			679.39*	667.33*			645.35*		718.96*		360.80*		
		466.18*			695.28*	782.67*			646.83*		727.41*		365.51*		
		474.46*			559.75*	695.27*			446.68*		531.71*		281.24*		
H	379.63*				578.17*			594.89*	508.17*						
	473.09*				646.38*			645.99*	653.15*				495.89*		
	477.66*				689.82*			673.66*	669.73*				536.82*		
	449.66*				649.89*			664.88*	648.18*				521.41*		
	487.88*				631.81*			659.88*	650.65*				539.21*		
	448.97*				659.76*			635.84*	643.23*				538.67*		
	284.88*				595.31*			463.17*	645.95*				551.67*		
													464.44*		
K					586.18*						593.18*	706.96*			
					718.44*						782.35*	749.21*			
					682.73*						692.77*	787.84*			
					784.68*						710.27*	795.22*			
					742.64*						714.42*	813.46*			
					795.16*						755.78*	778.82*			
					611.34*						624.85*	589.85*			
L		564.66*	573.[illegible]			576.42*					687.21*		574.39*		
		717.12*	511.75*			669.17*					669.27*		661.14*		
		691.37*	547.35*			667.98*					515.46*		604.78*		
		669.57*	676.20*			663.31*					698.28*		674.67*		
		668.83*	668.38*			655.87*					692.12*		677.53*		
		637.62*	633.95*			652.02*					735.71*		593.10*		
		625.92*	647.[illegible]			693.62*					546.06*		[illegible]		
M			683.07*				598.68*		615.90*	685.52*				516.23*	
			791.97*				747.34*		696.85*	671.46*				646.17*	
			732.57*				737.45*		656.53*	663.42*				631.17*	
			775.46*				699.45*		691.14*	708.14*				651.67*	
			726.32*				694.28*		716.85*	695.62*				624.21*	
			700.19*				726.03*		7[illegible].03*	684.57*				582.71*	
			691.45*				575.51*		699.56*	694.42*				556.69*	
N				595.92*			624.44*	736.26*							
				787.77*			729.66*	8[illegible]9.17*							
				672.67*			788.29*	731.28*							
				698.78*			727.74*	798.43*							
				679.63*			720.48*	811.21*							
				684.42*			685.33*	767.45*							
				268.02*			533.88*	548.54*							
O					658.74*	688.69*				638.97*		567.37*			
					769.49*	646.67*				673.34*		668.48*			
					719.83*	593.81*				633.98*		657.92*			
					739.24*	634.17*				729.69*		695.75*			
					739.93*	635.79*				691.89*		655.92*			
					669.71*	639.68*				663.53*		589.99*			
					669.28*	449.18*				462.25*		396.94*			
P						548.77*									
						686.43*									
						641.89*									
						676.14*									
						712.63*									
						672.18*									
						454.38*									
Q							371.90*			386.24*					
							471.68*			485.93*					
							446.98*			489.24*					
							439.73*			415.85*					
							468.51*			414.88*					
							449.14*			385.68*					
							386.33*			256.19*					

CASE 24

TMI-1 CY-2

YEAR 76 MONTH 10 DAY 07 HOUR 10 MINUTE 02 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2533.7	13482.	470.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.376	CORE OUTLET	2175.4	LOOP A INLET TEMP(1)	557.29
RC FLOW LOOP B	70.040	SECONDARY LOOP A	498.60	LOOP A INLET TEMP(2)	555 61
RC TOTAL FLOW	139.00	SECONDARY LOOP B	898.60	LOOP B INLET TEMP(1)	556.22
FEEDWATER FLOW LOOP A	5.3325			LOOP B INLET TEMP(2)	556.56
FEEDWATER FLOW LOOP B	5.2775			FEEDWATER (LOOP A)	457.03
LETDOWN FLOW	.24370E-01			FEEDWATER (LOOP B)	457.03
				REACTOR OUTLET (LOOP A)	601.45
				REACTOR OUTLET (LOOP B)	600.03
				STEAM TEMP(LOOP A)	595.41
				STEAM TEMP (LOOP B)	592.04

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.75%		99.93%		99.75%					
C					100.00%		7.41%		7.56%		99.84%				
D				82.68%		17.67%		99.47%		17.18%		83.01%			
E			99.96%		99.83%		99.84%		100.0%		98.52%		99.41%		
F		99.56%		18.66%		99.99%		82.92%		99.84%		17.64%		99.69%	
G			7.48%		100.00%		100.00%		99.12%		99.68%		7.38%		
H		99.99%		99.87%		82.65%		99.90%		82.71%		99.84%		99.99%	
K			7.38%		100.00%		99.45%		99.75%		100.00%		7.35%		
L		99.01%		18.68%		100.00%		82.71%		99.75%		17.34%		99.57%	
M			100.00%		99.90%		99.12%		99.90%		99.83%		100.00%		
N				82.74%		18.12%		99.72%		19.75%		82.68%			
O					99.90%		7.41%		7.23%		99.75%				
P						100.00%		100.00%		99.90%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNODC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							462.14*	468.19*							
							545.73*	515.09*							
							523.28*	522.48*							
							494.04*	525.28*							
							495.78*	500.25*							
							491.38*	543.93*							
							382.92*	389.39*							
C						586.13*			541.34*	507.68*			370.53*		
						634.66*			389.80*	631.07*			467.75*		
						578.33*			357.72*	617.46*			455.81*		
						615.41*			385.28*	638.36*			456.42*		
						629.78*			4.8.19*	627.17*			456.82*		
						635.38*			424.84*	652.16*			432.90*		
						452.04*			351.96*	472.58*			255.95*		
D					657.66*					614.53*				337.16*	
					723.76*					575.14*				436.58*	
					669.72*					484.81*				427.15*	
					736.87*					663.17*				446.93*	
					750.06*					693.12*				458.75*	
					735.53*					728.42*				415.81*	
					503.99*					519.99*				260.34*	
E				695.39*			597.43*		542.97*		653.11*				
				722.47*			729.4*		674.75*		722.47*				
				721.38*			659.38*		658.16*		641.01*				
				778.31*			666.75*		642.10*		646.46*				
				705.09*			788.18*		599.58*		783.66*				
				741.53*			788.11*		698.53*		716.87*				
				528.14*			522.18*		558.52*		505.49*				
F			583.67*				542.22*	548.14*			671.81*	591.34*			
			638.19*				668.17*	661.28*			544.37*	652.19*			
			576.19*				661.42*	684.39*			424.42*	681.51*			
			621.54*				673.57*	672.69*			666.97*	623.30*			
			615.84*				699.57*	688.39*			701.94*	665.76*			
			626.79*				697.72*	668.93*			719.49*	675.20*			
			496.48*				513.42*	833.53*			518.23*	479.97*			
G		458.21*			596.92*	564.87*			533.38*		597.22*		555.23*		
		522.47*			692.96*	664.93*			666.27*		676.96*		343.07*		
		584.88*			627.83*	657.87*			663.71*		654.83*		355.58*		
		586.51*			675.95*	607.46*			601.07*		780.97*		369.30*		
		496.71*			677.68*	667.16*			694.64*		715.67*		374.92*		
		471.86*			799.15*	721.63*			667.56*		748.46*		370.75*		
		414.64*			573.36*	499.88*			502.25*		544.49*		287.64*		
H	385.96*				578.70*			493.47*	505.51*				505.51*		
	473.29*				668.58*			634.14*	645.92*				538.83*		
	475.83*				647.94*			683.78*	659.87*				516.86*		
	466.81*				656.65*			657.33*	641.75*				534.24*		
	467.99*				658.11*			659.38*	654.04*				529.92*		
	453.78*				675.68*			653.81*	665.49*				557.41*		
	284.36*				436.74*			479.83*	482.68*				473.88*		
K					587.10*						593.59*	789.18*			
					734.51*						698.84*	784.79*			
					673.12*						642.83*	696.53*			
					694.13*						786.23*	771.34*			
					739.71*						717.13*	688.23*			
					834.88*						769.38*	776.64*			
					626.17*						638.73*	597.44*			
		572.23*	579.88*			573.46*					695.92*		579.63*		

CASE 25

TMI-1 CY-2

YEAR 76 MONTH 10 DAY 14 HOUR 18 MINUTE 16 REF EST

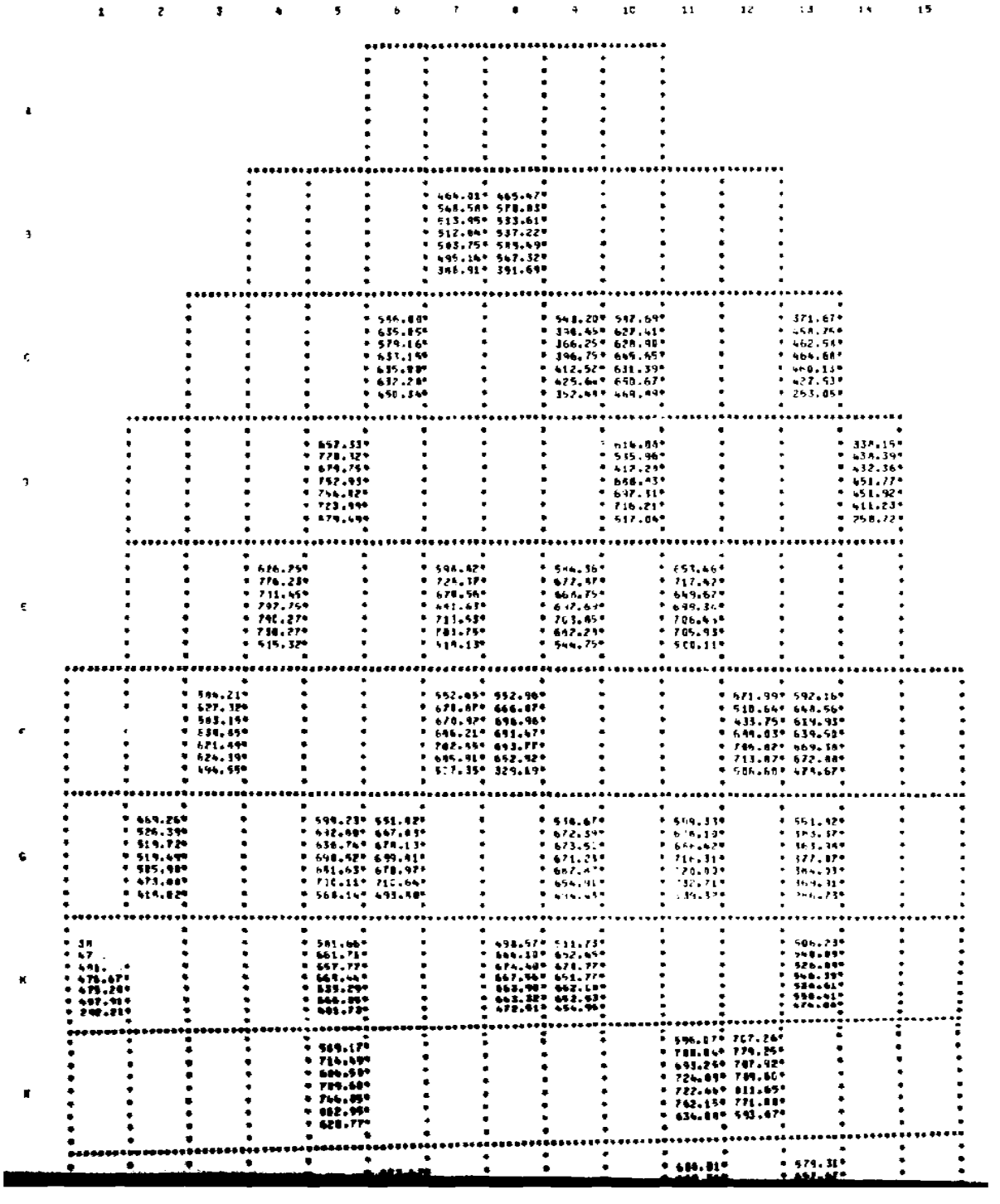
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPM)
2513.6	13697.	442.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.086	CORE OUTLET	2172.4	LOOP A INLET TEMP(1)	558.44
RC FLOW LOOP B	69.948	SECONDARY LOOP A	896.20	LOOP A INLET TEMP(2)	556.92
RC TOTAL FLOW	138.94	SECONDARY LOOP B	896.20	LOOP B INLET TEMP(1)	557.32
FEEDWATER FLOW LOOP A	5.3158			LOOP B INLET TEMP(2)	557.46
FEEDWATER FLOW LOOP B	5.2572			FEEDWATER (LOOP A)	457.25
LETDOWN FLOW	.24483E-01			FEEDWATER (LOOP B)	457.25
				REACTOR OUTLET (LOOP A)	602.67
				REACTOR OUTLET (LOOP B)	601.95
				STEAM TEMP(LOOP A)	596.92
				STEAM TEMP (LOOP B)	593.41

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.66%		99.75%		100.00%					
C					99.70%		6.66%		6.74%		99.74%				
D				81.60%		16.59%		99.75%		17.41%		81.75%			
E			99.81%		99.78%		99.75%		98.67%		98.76%		99.64%		
F		99.72%		16.51%		100.00%		81.66%		100.00%		16.41%		99.69%	
G			6.72%		99.72%		99.75%		99.66%		98.67%		6.75%		
H		99.87%		99.75%		81.66%		99.98%		81.66%		99.69%		100.00%	
I			5.70%		99.66%		99.74%		100.00%		100.00%		6.78%		
L		99.75%		17.49%		99.98%		81.57%		99.86%		17.48%		99.75%	
M			99.78%		99.72%		99.81%		99.81%		99.66%		99.93%		
N				81.70%		17.48%		99.51%		17.49%		81.57%			
O					99.63%		5.76%		6.69%		100.00%				
P						99.87%		99.73%		99.66%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHOOC



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			582.18*				570.07*	666.07*				518.64*	648.56*		
			630.85*				678.92*	696.96*				433.75*	619.91*		
			621.89*				606.21*	691.47*				684.03*	639.50*		
			624.39*				782.85*	683.77*				706.02*	569.10*		
			494.58*				695.91*	652.92*				713.87*	672.88*		
							517.35*	329.14*				506.69*	478.67*		
G		469.26*			599.23*	551.82*			518.67*		599.33*		551.92*		
		526.39*			632.88*	667.83*			672.34*		678.10*		431.37*		
		519.72*			636.74*	678.11*			673.65*		666.42*		363.34*		
		519.49*			698.52*	698.81*			671.24*		716.31*		377.87*		
		585.48*			651.63*	678.97*			657.47*		770.90*		346.33*		
		473.68*			730.11*	712.64*			554.41*		732.71*		364.31*		
		418.82*			568.14*	493.88*			434.44*		534.32*		246.73*		
H	309.61*				581.66*		498.57*	511.73*					506.73*		
	477.91*				661.71*		644.13*	652.65*					548.09*		
	491.43*				657.77*		674.48*	677.[illegible]*					526.49*		
	476.67*				669.44*		667.56*	651.[illegible]*					546.19*		
	475.20*				635.29*		663.91*	662.[illegible]*					538.61*		
	457.91*				666.85*		643.32*	652.53*					558.41*		
	292.21*				481.73*		472.51*	454.95*					474.88*		
K					569.12*						586.07*	757.26*			
					716.59*						788.94*	774.26*			
					644.98*						693.74*	787.92*			
					789.60*						726.84*	789.60*			
					744.85*						722.44*	811.65*			
					882.94*						742.14*	771.88*			
					620.77*						636.88*	593.87*			
L		573.68*	579.54*			577.47*					685.81*		579.31*		
		715.42*	608.81*			665.93*					662.16*		657.47*		
		697.64*	549.98*			649.12*					637.32*		611.14*		
		673.73*	615.97*			659.00*					[illegible]		554.19*		
		668.91*	667.21*			666.63*					[illegible]		561.10*		
		648.96*	639.85*			659.02*					743.84*		[illegible]		
		633.32*	459.71*			502.44*					554.43*		[illegible]		
M			688.17*				592.59*		618.93*	637.66*				517.30*	
			747.58*				744.01*		691.46*	664.84*				642.66*	
			738.25*				789.19*		658.14*	645.98*				631.23*	
			740.47*				783.47*		695.87*	708.14*				694.07*	
			725.14*				696.22*		728.35*	698.19*				624.83*	
			718.34*				738.22*		707.36*	648.24*				586.25*	
			490.71*				584.23*		528.45*	501.15*				363.27*	
N				595.64*				638.92*	734.86*						
				713.29*				726.78*	796.50*						
				675.17*				718.46*	738.07*						
				695.71*				731.95*	802.39*						
				682.56*				728.75*	818.57*						
				674.83*				690.21*	767.75*						
				264.01*				540.98*	556.64*						
O					661.39*	607.27*				537.97*		547.71*			
					767.97*	643.54*				669.61*		663.39*			
					721.48*	595.64*				638.75*		657.37*			
					743.28*	645.54*				716.34*		698.79*			
					738.72*	639.63*				687.78*		656.82*			
					654.84*	625.76*				631.53*		591.58*			
					476.48*	450.19*				452.78*		414.02*			
P						594.[illegible]*									
						686.49*									
						683.67*									
						691.19*									
						718.14*									
						676.67*									
						462.92*									
R							348.29*			311.64*					
							475.77*			408.34*					
							458.33*			412.89*					
							445.88*			419.16*					
							474.26*			419.88*					
							451.88*			381.76*					
							315.94*			264.62*					

CASE 26

TMI-1 CY-2

YEAR 76 MONTH 10 DAY 20 HOUR 15 MINUTE 34 REF EST

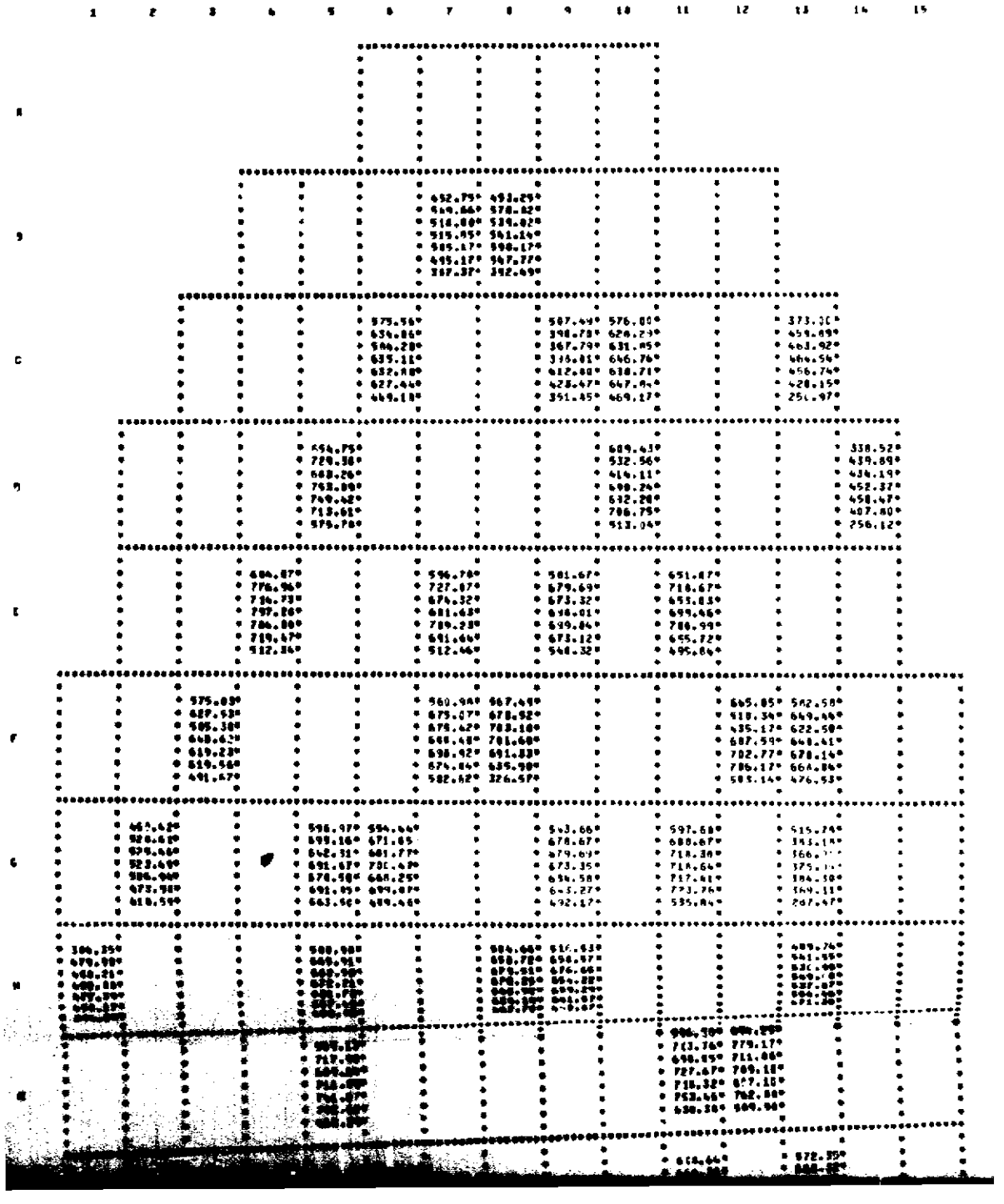
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2522.9	13888.	434.80

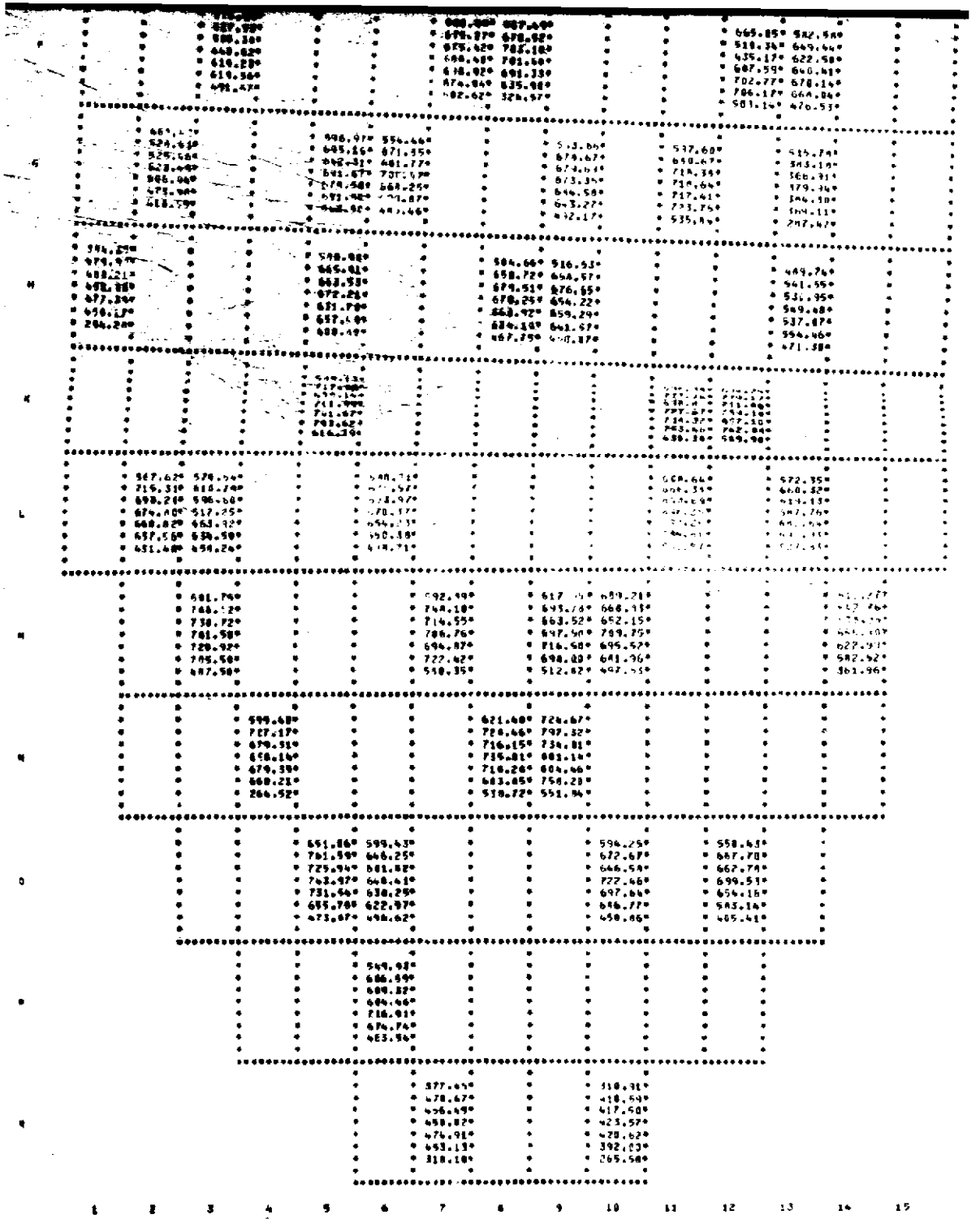
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.944	CORE OUTLET	2174.9	LOOP A INLET TEMP(1)	558.31
RC FLOW LOOP B	69.671	SECONDARY LOOP A	982.78	LOOP A INLET TEMP(2)	556.72
RC TOTAL FLOW	138.80	SECONDARY LOOP B	902.78	LOOP B INLET TEMP(1)	557.18
FEEDWATER FLOW LOOP A	5.3327			LOOP B INLET TEMP(2)	557.11
FEEDWATER FLOW LOOP B	5.2595			FEEDWATER (LOOP A)	456.81
LETDOWN FLOW	.24485E-01			FEEDWATER (LOOP B)	456.81
				REACTOR OUTLET (LOOP A)	682.41
				REACTOR OUTLET (LOOP B)	681.62
				STEAM TEMP(LOOP A)	596.37
				STEAM TEMP (LOOP B)	592.86

#00#

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.66%		99.75%		100.00%					
C					99.74%		5.61%		5.73%		99.74%				
D				81.63%		16.41%		99.75%		17.43%		81.75%			
E			99.81%		99.81%		99.78%		99.78%		99.76%		99.84%		
F		99.72%		16.41%		100.00%		81.63%		100.00%		16.44%		99.72%	
G			5.74%		99.72%		99.75%		99.66%		99.78%		5.73%		
H		99.87%		99.76%		81.69%		99.93%		81.66%		99.66%		100.00%	
K			5.78%		99.64%		99.81%		100.00%		100.00%		5.75%		
L		99.79%		17.49%		99.87%		81.57%		99.64%		17.48%		99.75%	
M			99.78%		99.69%		99.81%		99.81%		99.66%		99.93%		
N				81.78%		17.40%		99.94%		17.49%		81.57%			
O					99.66%		5.76%		5.67%		100.00%				
P						99.94%		99.78%		99.63%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNCBC





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CASE 27

TMI-1 CY-2

YEAR 76 MONTH 10 DAY 28 HOUR 10 MINUTE 29 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2522.6	14894.	489.00

COOLANT FLOWS (LB/HR * E-06)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.330	CORE OUTLET	2174.0	LOOP A INLET TEMP(1)	558.16
RC FLOW LOOP B	69.575	SECONDARY LOOP A	903.00	LOOP A INLET TEMP(2)	556.50
RC TOTAL FLOW	138.60	SECONDARY LOOP B	903.00	LOOP B INLET TEMP(1)	557.30
FEEDWATER FLOW LOOP A	5.3642			LOOP B INLET TEMP(2)	557.35
FEEDWATER FLOW LOOP B	5.2824			FEEDWATER (LOOP A)	456.96
LETDOWN FLOW	.24566E-01			FEEDWATER (LOOP B)	456.96
				REACTOR OUTLET (LOOP A)	602.51
				REACTOR OUTLET (LOOP B)	601.98
				STEAM TEMP(LOOP A)	596.30
				STEAM TEMP (LOOP B)	593.14

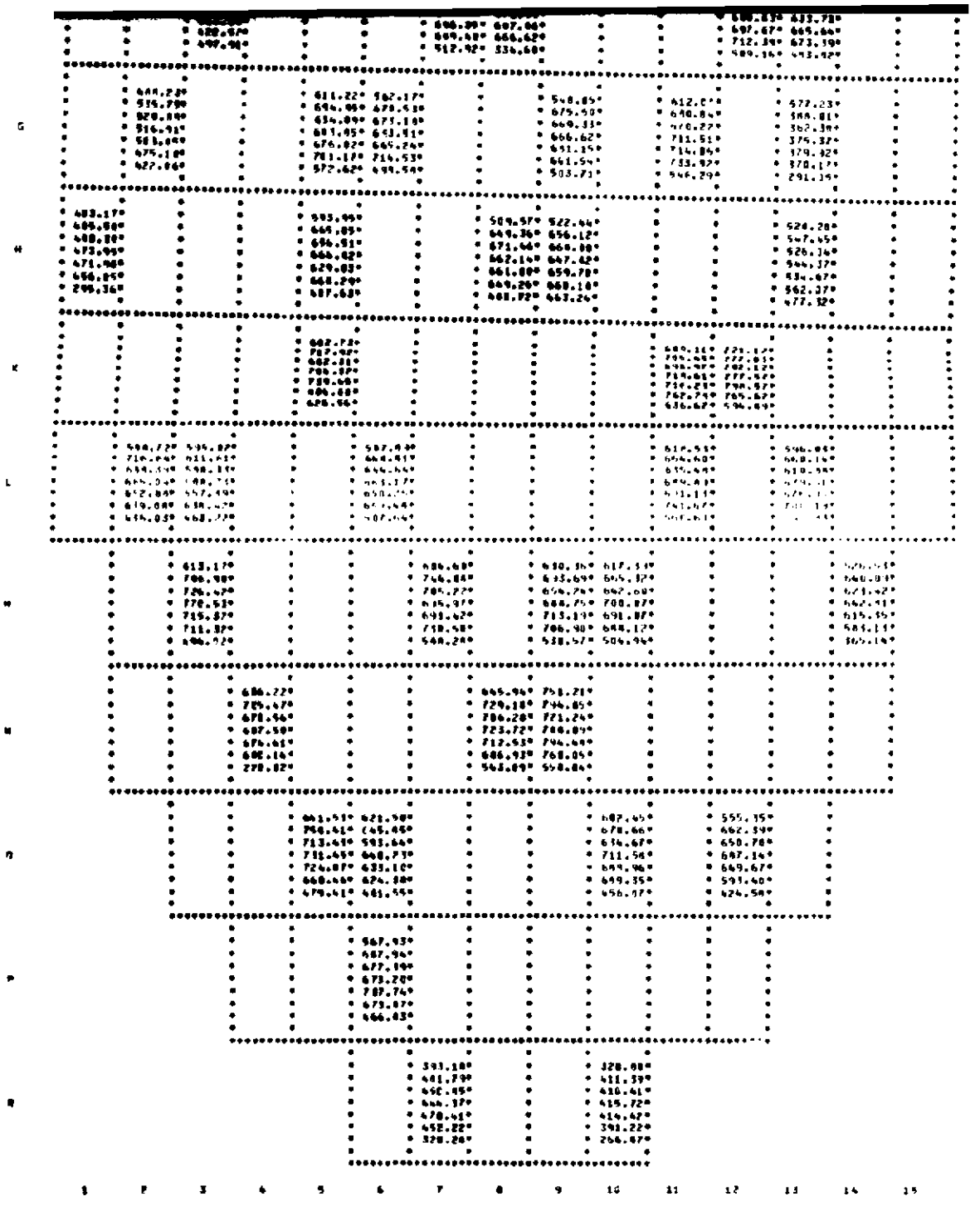
WOCh

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.86%		99.72%		100.00%					
C					99.78%		6.66%		6.75%		99.75%				
D				88.62%		16.38%		99.72%		16.14%		81.78%			
E			99.78%		99.78%		99.75%		98.78%		98.78%		99.81%		
F		99.72%		18.66%		100.00%		81.66%		100.00%		16.44%		99.69%	
G			6.78%		99.69%		99.78%		99.66%		98.87%		6.78%		
H		99.87%		99.75%		82.71%		99.98%		92.65%		99.69%		100.00%	
I			6.75%		99.66%		99.78%		100.00%		100.00%		7.16%		
L		99.78%		17.52%		99.87%		82.99%		99.81%		17.48%		99.75%	
M			99.81%		99.69%		99.78%		99.81%		99.66%		99.93%		
N				82.62%		17.43%		99.96%		17.49%		82.62%			
O					99.66%		6.78%		6.69%		100.00%				
P						99.84%		99.76%		99.63%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDPC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							482.99*	483.11*							
							544.28*	488.53*							
							514.89*	532.[illegible]*							
							518.91*	535.							
							482.89*	486.69*							
							497.48*	540.85*							
							342.88*	395.96*							
C						481.71*			561.50*	602.51*			377.71*		
						637.67*			393.97*	632.87*			459.81*		
						577.31*			365.42*	626.92*			459.65*		
						427.47*			345.07*	641.88*			460.13*		
						629.16*			410.33*	625.98*			455.27*		
						578.26*			426.34*	651.58*			438.35*		
						494.93*			344.31*	476.84*			254.05*		
D				667.26*						624.10*				343.67*	
				727.92*						576.38*				439.47*	
				672.84*						489.71*				424.03*	
				742.96*						642.52*				445.17*	
				744.83*						688.44*				447.25*	
				723.98*						713.50*				411.48*	
				543.81*						620.19*				261.23*	
E			695.32*			618.58*		596.65*			662.93*				
			776.42*			729.35*		682.25*			718.15*				
			785.28*			687.75*		666.31*			668.89*				
			787.96*			674.88*		631.49*			691.91*				
			779.78*			708.65*		698.14*			697.23*				
			730.21*			7.2.12*		662.34*			704.55*				
			519.74*			523.84*		549.98*			503.54*				
F			599.92*				953.11*	496.65*				685.68*	608.51*		
			679.85*				673.29*	668.98*				526.04*	652.32*		
			775.44*				667.42*	695.12*				429.48*	617.85*		
			632.08*				679.04*	671.36*				688.63*	633.73*		
			613.15*				696.35*	687.86*				697.67*	665.64*		
			622.57*				649.48*	666.62*				712.39*	673.39*		
			497.91*				512.92*	334.68*				509.16*	483.92*		
G		494.23*			611.22*	562.17*			548.45*		612.04*		577.23*		
		535.79*			694.95*	678.53*			675.58*		598.86*		388.81*		
		628.95*			536.89*	673.18*			669.31*		570.22*		362.38*		
		516.98*			643.83*	653.51*			666.62*		711.51*		375.37*		
		583.88*			678.82*	665.24*			691.15*		714.06*		379.32*		
		479.18*			701.17*	714.53*			661.54*		733.92*		370.17*		
		422.88*			572.62*	599.54*			583.71*		546.23*		241.26*		
H	483.17*				593.95*			589.57*	522.44*				526.24*		
	486.58*				665.86*			649.36*	656.12*				547.45*		
	488.38*				694.51*			671.66*	668.88*				526.34*		
	472.98*				666.62*			667.14*	647.02*				544.37*		
	471.98*				629.08*			661.80*	650.78*				534.67*		
	466.84*				660.29*			649.86*	668.18*				482.37*		
	396.84*				487.68*			488.82*	483.24*				477.32*		
K					602.73*						684.14*	721.18*			
					717.98*						785.65*	777.83*			
					682.81*						690.47*	782.12*			
					796.87*						719.61*	777.57*			
					730.48*						716.23*	796.57*			
					696.00*						762.73*	765.62*			
					690.08*						636.67*	596.88*			
											616.53*		596.88*		



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CASE 28

TMI-1 CY-2

YEAR 76 MONTH 11 DAY 04 HOUR 13 MINUTE 59 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2538.5	14315.	394.88

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	68.902	CORE OUTLET	2176.3	LOOP A INLET TEMP(1)	557.68
RC FLOW LOOP B	69.040	SECONDARY LOOP A	901.50	LOOP A INLET TEMP(2)	556.11
RC TOTAL FLOW	138.77	SECONDARY LOOP B	901.58	LOOP B INLET TEMP(1)	557.86
FEEDWATER FLOW LOOP A	5.3616			LOOP B INLET TEMP(2)	557.87
FEEDWATER FLOW LOOP B	5.2564			FEEDWATER (LOOP A)	456.87
LETDOWN FLOW	.24581E-01			FEEDWATER (LOOP B)	456.87
				REACTOR OUTLET (LOOP A)	602.23
				REACTOR OUTLET (LOOP B)	601.59
				STEAM TEMP(LOOP A)	596.16
				STEAM TEMP (LOOP B)	593.87

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		100.00%					
C					99.70%		6.69%		6.75%		99.81%				
D				61.48%		16.41%		99.75%		16.38%		81.87%			
E			99.81%		99.81%		99.70%		98.70%		98.74%		99.81%		
F		99.72%		17.46%		100.00%		91.66%		100.00%		16.44%		99.72%	
G			6.72%		99.72%		99.75%		99.69%		98.67%		6.78%		
H		99.87%		100.00%		82.74%		99.98%		82.65%		99.89%		100.00%	
I			6.79%		99.66%		99.70%		100.00%		100.00%		7.49%		
L		99.78%		17.52%		99.98%		82.99%		99.91%		17.48%		99.75%	
M			99.41%		99.72%		99.81%		99.84%		99.69%		99.96%		
N				82.48%		17.63%		99.94%		17.46%		82.65%			
O					99.66%		6.78%		6.72%		100.00%				
P						99.84%		99.78%		99.66%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPN00C

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							485.38*	487.21*							
							561.67*	584.18*							
							520.14*	538.67*							
							513.69*	539.75*							
							583.17*	588.67*							
							494.88*	550.48*							
							394.89*	408.48*							
C						681.59*			564.78*	606.17*			370.36*		
						637.41*			393.39*	631.74*			459.86*		
						579.35*			368.64*	628.42*			459.40*		
						629.84*			396.68*	643.12*			446.75*		
						626.94*			410.21*	625.85*			452.91*		
						629.91*			426.26*	640.75*			427.97*		
						456.23*			347.54*	476.75*			297.71*		
D					667.21*					628.34*				344.39*	
					724.15*					519.51*				439.44*	
					679.88*					411.22*				429.88*	
					763.80*					646.37*				445.52*	
					739.71*					683.53*				446.15*	
					719.71*					789.44*				418.76*	
					503.87*					525.72*				264.23*	
E				695.25*			617.18*		598.88*		667.85*				
				773.96*			726.18*		648.48*		714.54*				
				789.90*			667.87*		667.23*		646.25*				
				787.68*			675.18*		691.83*		690.99*				
				779.11*			781.12*		693.79*		692.55*				
				729.85*			697.32*		670.87*		659.35*				
				618.14*			522.91*		548.99*		584.07*				
F			608.18*				560.67*	589.74*				685.63*	609.33*		
			627.95*				675.12*	669.61*				551.44*	652.47*		
			548.76*				666.51*	696.43*				438.92*	618.78*		
			635.28*				678.49*	698.99*				642.15*	535.11*		
			611.45*				643.86*	686.44*				596.36*	662.32*		
			621.58*				646.74*	663.25*				787.74*	678.31*		
			498.73*				512.14*	334.18*				509.91*	483.49*		
G		631.71*			613.86*	564.35*			551.61*		515.56*		576.15*		
		519.14*			693.49*	678.10*			676.03*		641.52*		384.57*		
		524.76*			633.96*	676.78*			672.56*		619.95*		327.38*		
		528.75*			643.24*	612.38*			665.84*		799.41*		576.31*		
		586.65*			472.12*	663.53*			681.36*		718.84*		379.55*		
		477.13*			695.79*	718.38*			659.46*		718.27*		364.44*		
		426.38*			571.50*	496.96*			534.45*		544.65*		291.40*		
H	656.76*				599.33*			913.03*	829.91*				829.12*		
	666.40*				668.00*			690.91*	657.16*				848.83*		
	667.92*				690.88*			671.02*	660.94*				836.98*		
	677.20*				665.80*			662.18*	646.21*				645.69*		
	678.20*				627.94*			608.91*	596.44*				636.63*		
	498.38*				660.78*			690.79*	668.23*				598.87*		
	966.90*				496.00*			574.49*	663.03*				574.70*		
K					689.17*						612.86*	720.63*			
					716.90*						733.57*	774.19*			
					641.70*						690.82*	781.65*			
					782.10*						719.88*	775.58*			
					786.11*						712.34*	792.47*			
					709.15*						757.78*	757.69*			

F						679.12*	669.61*			605.69*	609.93*			
		608.70*				666.51*	696.41*			581.44*	652.87*			
		639.28*				678.49*	690.99*			633.92*	618.78*			
		621.05*				693.64*	686.48*			602.15*	635.11*			
		621.50*				645.71*	663.24*			694.36*	662.32*			
		498.73*				512.18*	334.18*			787.78*	670.41*			
										599.93*	683.40*			
G		612.71*		613.46*	566.35*			591.61*		613.86*		578.19*		
		539.19*		693.49*	678.10*			676.00*		611.52*		346.57*		
		526.26*		633.94*	674.28*			672.56*		619.94*		562.38*		
		526.75*		683.24*	642.30*			665.40*		739.81*		576.31*		
		590.65*		672.12*	663.53*			641.56*		710.84*		574.55*		
		477.13*		695.79*	718.38*			694.46*		730.27*		568.44*		
		626.38*		571.50*	494.46*			534.45*		544.65*		291.40*		
H	406.74*			595.33*		518.83*	525.91*							
	408.62*			665.80*		658.51*	657.16*					529.12*		
	487.52*			650.35*		671.82*	660.94*					548.33*		
	477.35*			665.25*		662.83*	640.31*					530.55*		
	472.83*			627.14*		658.31*	656.44*					545.69*		
	499.30*			665.76*		669.79*	655.33*					534.53*		
	298.56*			406.99*		479.63*	463.83*					558.87*		
												676.75*		
K				612.17*						632.84*	720.45*			
				716.90*						781.57*	774.13*			
				601.78*						698.82*	781.45*			
				715.68*						719.88*	775.50*			
				736.31*						787.34*	792.87*			
				799.11*						757.78*	757.69*			
				625.94*						656.17*	599.49*			
L	549.25*	596.17*			549.92*					639.25*		548.46*		
	715.60*	618.14*			666.39*					682.10*		561.76*		
	688.92*	591.35*			645.69*					537.14*		513.76*		
	662.71*	611.37*			646.39*					630.47*		583.52*		
	649.28*	657.61*			647.14*					677.35*		675.57*		
	633.57*	639.98*			655.85*					737.65*		595.76*		
	633.78*	593.68*			588.15*					560.25*		544.65*		
M		685.04*			605.79*		631.67*	619.26*				526.75*		
		784.75*			744.82*		648.61*	666.32*				638.87*		
		727.68*			788.74*		655.83*	644.44*				623.02*		
		778.29*			696.61*		685.81*	788.97*				642.44*		
		712.64*			695.97*		789.97*	687.53*				617.07*		
		789.54*			725.39*		703.68*	694.54*				578.93*		
		696.52*			598.32*		538.67*	506.41*				365.41*		
N			656.61*			646.98*	748.64*							
			783.39*			778.84*	789.68*							
			679.44*			717.62*	720.92*							
			688.78*			725.67*	785.44*							
			673.20*			718.35*	787.87*							
			679.51*			632.45*	751.94*							
			271.75*			546.53*	554.32*							
				601.98*	623.18*			599.48*		555.64*				
				755.77*	645.21*			670.39*		661.49*				
				715.03*	596.88*			636.61*		661.03*				
				732.83*	642.83*			713.05*		647.40*				
				721.39*	651.64*			698.35*		547.43*				
				655.96*	623.91*			698.47*		593.10*				
				479.00*	402.76*			456.30*		423.74*				
O					569.96*									
					687.16*									
					678.80*									
					674.02*									
					786.49*									
					678.72*									
					466.90*									
R						396.64*		323.86*						
					484.77*			412.99*						
					453.89*			413.81*						
					447.01*			418.32*						
					472.67*			415.76*						
					482.67*			392.29*						
					322.66*			278.36*						

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

CASE 29

TMI-1 CY-2

YEAR 76 MONTH 12 DAY 09 HOUR 11 MINUTE 28 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2510.7	14588.	440.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.464	CORE OUTLET	2172.8	LOOP A INLET TEMP(1)	558.06
RC FLOW LOOP B	69.763	SECONDARY LOOP A	901.20	LOOP A INLET TEMP(2)	556.26
RC TOTAL FLOW	139.58	SECONDARY LOOP B	901.20	LOOP B INLET TEMP(1)	557.16
FEEDWATER FLOW LOOP A	5.3563			LOOP B INLET TEMP(2)	556.99
FEEDWATER FLOW LOOP B	5.2883			FEEDWATER (LOOP A)	458.06
LETDOWN FLOW	.24631E-01			FEEDWATER (LOOP B)	458.06
				REACTOR OUTLET (LOOP A)	601.94
				REACTOR OUTLET (LOOP B)	601.82
				STEAM TEMP(LOOP A)	595.96
				STEAM TEMP (LOOP B)	592.86

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.75%		99.81%		99.87%					
C					99.84%		8.98%		8.94%		100.00%				
D				84.84%		17.49%		99.79%		17.45%		84.96%			
E			99.87%		100.00%		99.91%		98.76%		98.73%		99.87%		
F		100.00%		17.31%		100.00%		84.94%		100.00%		17.52%		99.76%	
G			8.91%		99.78%		99.78%		99.77%		98.73%		7.89%		
H		100.00%		99.84%		84.87%		99.93%		84.91%		99.75%		100.10%	
K			7.92%		98.78%		99.84%		100.00%		98.73%		8.94%		
L		99.84%		16.60%		99.93%		84.66%		99.90%		17.45%		99.78%	
M			99.87%		99.75%		99.84%		98.65%		100.00%		100.00%		
N				84.99%		17.48%		99.66%		17.56%		84.81%			
O					99.72%		7.98%		8.84%		100.00%				
P					99.47%		99.81%		99.69%						
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPWCBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4															
3							492.95*	499.41*							
							562.86*	586.69*							
							513.27*	531.93*							
							506.76*	532.65*							
							501.[illegible]	591.10*							
							537.73*	556.81*							
							402.65*	410.08*							
2						685.40*			545.35*	615.05*			379.42*		
						435.49*			596.91*	634.58*			455.43*		
						567.85*			365.32*	621.42*			452.48*		
						616.75*			390.40*	627.43*			458.44*		
						626.67*			412.25*	624.72*			453.36*		
						643.09*			434.37*	668.98*			468.49*		
						470.76*			366.71*	489.22*			266.31*		
1					662.25*					[illegible]				346.19*	
					717.64*					562.60*				437.08*	
					662.18*					484.11*				419.55*	
					729.36*					655.64*				436.08*	
					737.08*					693.46*				443.27*	
					744.24*					727.48*				420.41*	
					681.75*					539.11*				269.67*	
0				667.42*			612.54*		601.71*		665.53*				
				755.13*			726.17*		679.40*		723.89*				
				694.34*			658.79*		656.60*		634.03*				
				742.18*			666.32*		679.42*		670.17*				
				775.21*			708.83*		649.07*		691.54*				
				758.97*			726.73*		781.91*		719.14*				
				540.50*			544.40*		571.11*		524.11*				
-1			592.42*				539.67*	522.72*				697.31*	623.48*		
			612.68*				666.81*	665.79*				594.39*	668.46*		
			572.16*				654.71*	687.76*				673.91*	608.64*		
			651.87*				677.52*	691.33*				642.42*	612.59*		
			613.57*				699.06*	693.11*				690.41*	660.32*		
			631.38*				719.27*	722.62*				725.98*	681.01*		
			511.84*				540.14*	361.85*				528.07*	496.97*		
-2		492.91*			608.12*	564.08*			549.03*		618.54*		612.36*		
		532.25*			641.67*	659.25*			678.15*		690.04*		893.99*		
		518.97*			627.16*	666.43*			661.51*		69.37*		360.31*		
		519.58*			665.68*	689.08*			657.39*		647.58*		367.57*		
		517.46*			679.25*	664.49*			647.25*		708.30*		350.26*		
		484.53*			728.93*	744.19*			692.55*		752.63*		376.68*		
		432.71*			591.54*	524.25*			529.11*		564.50*		302.03*		
-3	485.47*				509.32*			588.39*	522.79*				545.79*		
	474.23*				65[illegible].30*			642.32*	652.08*				555.68*		
	479.38*				648.44*			684.76*	662.22*				522.78*		
	476.41*				662.92*			661.94*	644.69*				538.75*		
	479.31*				633.04*			688.56*	669.93*				534.35*		
	484.21*				692.51*			682.18*	697.45*				568.92*		
	388.58*				483.98*			511.89*	495.64*				409.87*		
-4					699.41*						612.18*	708.88*			
					788.86*						762.46*	779.96*			
					673.74*						694.58*	692.18*			
					785.89*						711.85*	764.85*			
					762.54*						717.33*	748.76*			
					826.38*						784.73*	778.87*			
					844.32*						659.29*	688.08*			
-5		479.63*	587.38*			578.53*					628.68*		685.87*		
		582.69*	592.98*			485.44*					663.32*		663.56*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			972.16*				658.71*	687.76*				596.39*	668.66*		
			638.07*				677.52*	691.83*				623.41*	688.64*		
			613.57*				699.06*	693.11*				642.42*	612.59*		
			638.38*				719.27*	722.62*				648.41*	660.32*		
			513.84*				548.14*	361.95*				725.98*	643.01*		
												574.87*	416.97*		
G		492.91*			608.12*	559.24*			549.83*		534.34*		462.36*		
		532.25*			661.47*	659.25*			678.15*		640.34*		545.44*		
		514.97*			627.16*	666.43*			661.51*		44.17*		563.81*		
		519.50*			685.68*	649.88*			657.34*		647.51*		367.57*		
		517.64*			679.25*	568.49*			647.25*		708.30*		748.26*		
		446.53*			728.43*	744.19*			617.61*		752.47*		376.60*		
		432.71*			591.56*	526.25*			579.11*		566.40*		532.84*		
H	485.47*				549.32*			598.39*	522.79*				545.79*		
	479.29*				651.80*			642.32*	657.06*				555.60*		
	479.88*				648.46*			666.76*	662.22*				522.78*		
	476.81*				662.92*			661.98*	644.49*				538.75*		
	479.31*				633.64*			668.56*	669.53*				534.35*		
	464.23*				692.51*			682.16*	697.65*				568.92*		
	588.58*				623.99*			511.85*	495.68*				489.47*		
I					593.41*						632.18*	731.44*			
					788.84*						762.64*	779.06*			
					673.74*						694.53*	647.14*			
					785.89*						711.83*	766.85*			
					742.54*						717.53*	798.76*			
					826.30*						744.71*	774.87*			
					646.32*						659.74*	608.04*			
J		579.45*	587.38*			574.53*					620.48*		[illegible]		
		782.89*	592.92*			655.44*					653.[illegible]*		[illegible]		
		686.75*	588.46*			638.85*					674.4*		647.60*		
		669.16*	620.37*			668.46*					680.75*		670.74*		
		658.42*	665.17*			656.59*					632.82*		677.35*		
		648.25*	653.56*			683.28*					762.61*		712.4*		
		467.63*	479.63*			525.68*					581.56*		555.56*		
K				688.43*			599.88*		628.18*	618.32*				328.25*	
				766.91*			734.94*		686.92*	660.53*				635.71*	
				722.38*			699.21*		646.73*	637.64*				614.57*	
				773.33*			780.43*		682.62*	692.99*				638.14*	
				728.24*			699.17*		715.77*	696.55*				616.44*	
				732.24*			751.73*		730.63*	706.74*				592.51*	
				519.53*			669.11*		568.13*	523.44*				376.91*	
L			596.14*				646.85*	750.83*							
			695.24*				721.61*	788.07*							
			665.26*				723.33*	714.72*							
			688.25*				723.78*	782.96*							
			679.85*				719.21*	794.46*							
			715.11*				781.41*	776.18*							
			266.36*				559.12*	572.33*							
M					651.88*	615.75*				538.43*		553.75*			
					789.78*	631.84*				678.73*		651.83*			
					786.35*	590.74*				633.25*		642.32*			
					751.79*	445.81*				737.25*		678.59*			
					727.66*	639.25*				692.92*		645.33*			
					679.24*	639.46*				787.54*		611.86*			
					491.21*	479.25*				469.95*		467.32*			
N						588.24*									
						673.71*									
						673.57*									
						676.17*									
						712.96*									
						684.87*									
						475.33*									
O							396.43*			326.79*					
							478.31*			418.45*					
							449.44*			484.53*					
							466.98*			415.17*					
							475.69*			416.18*					
							407.66*			396.36*					
							329.68*			274.19*					

CASE 3C

TMI-1 CY-2

YEAR 76 MONTH 12 DAY 16 HOUR 15 MINUTE 15 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2519.0	14727.	330.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.309	CORE OUTLET	2171.0	LOOP A INLET TEMP(1)	558.66
RC FLOW LOOP B	69.004	SECONDARY LOOP A	983.40	LOOP A INLET TEMP(2)	557.88
RC TOTAL FLOW	138.85	SECONDARY LOOP B	983.40	LOOP B INLET TEMP(1)	557.76
FEEDWATER FLOW LOOP A	5.3691			LOOP B INLET TEMP(2)	557.76
FEEDWATER FLOW LOOP B	5.2499			FEEDWATER (LOOP A)	457.46
LETDOWN FLOW	.24419E-01			FEEDWATER (LOOP B)	457.46
				REACTOR OUTLET (LOOP A)	602.40
				REACTOR OUTLET (LOOP B)	602.30
				STEAM TEMP(LOOP A)	596.65
				STEAM TEMP (LOOP B)	593.55

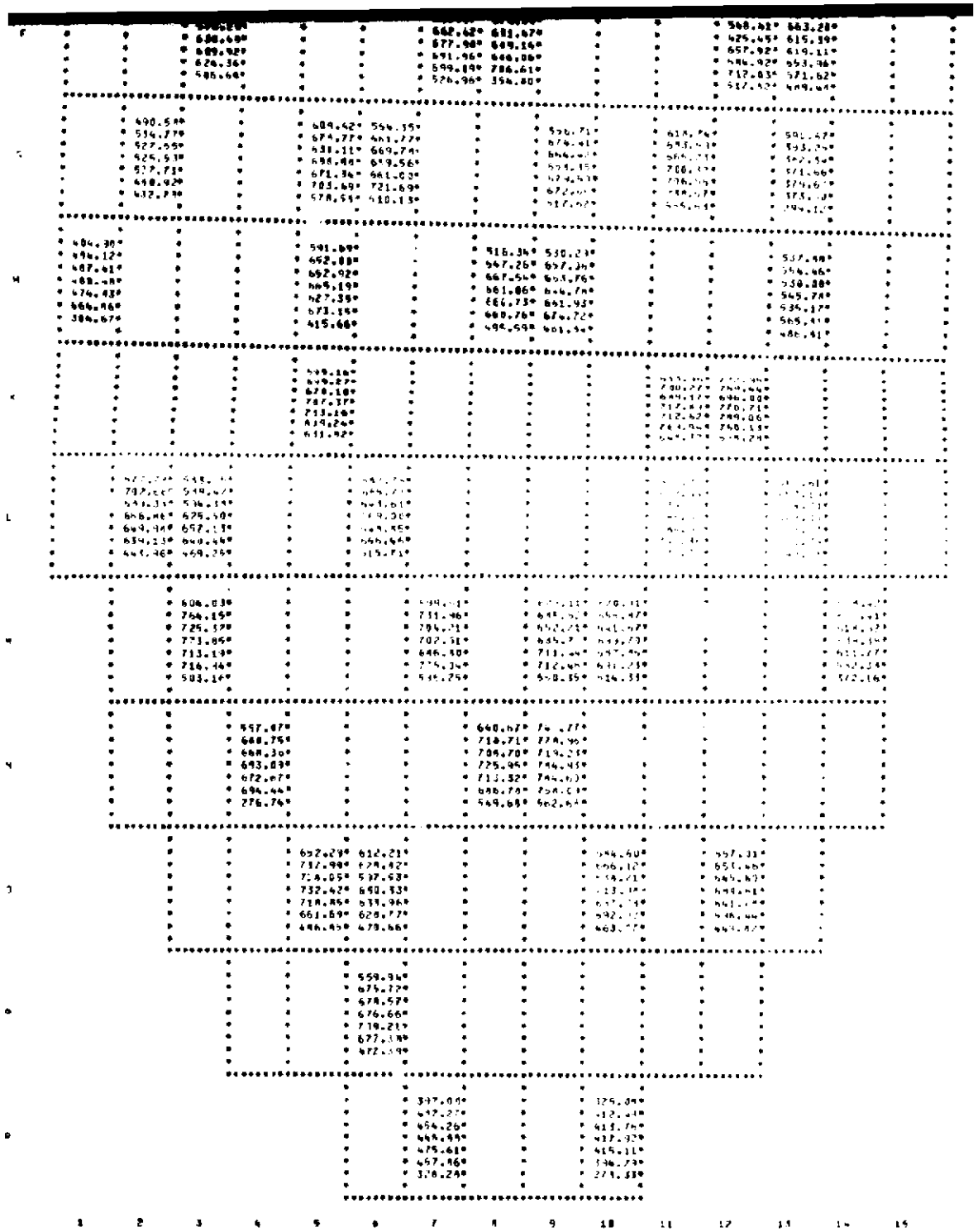
ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72%		99.70%		99.48%					
C					99.84%		7.48%		7.92%		100.00%				
D				83.79%		16.44%		99.70%		1 .44%		83.94%			
E			99.87%		100.00%		99.84%		98.76%		99.82%		99.87%		
F		100.00%		16.26%		100.00%		83.09%		100.00%		16.99%		99.78%	
G			6.70%		99.70%		99.70%		99.72%		99.76%		6.61%		
H		100.00%		99.02%		83.09%		99.96%		83.82%		99.75%		100.00%	
K			6.70%		99.70%		99.84%		100.00%		98.75%		7.92%		
L		99.84%		25.39%		99.92%		83.61%		99.87%		16.41%		99.78%	
M			99.84%		99.70%		99.84%		99.85%		100.00%		100.00%		
N				83.94%		16.41%		99.66%		17.52%		83.79%			
O					99.72%		6.84%		7.86%		100.00%				
P					99.90%		99.84%		99.72%						
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							489.99*	499.45*							
							565.83*	589.12*							
							519.83*	548.81*							
							512.58*	538.62*							
							582.61*	591.35*							
							564.87*	555.39*							
							481.88*	489.28*							
C					682.14*			573.38*	411.67*				381.73*		
					631.28*			395.20*	431.26*				456.43*		
					574.72*			360.25*	628.87*				452.78*		
					625.21*			395.28*	636.35*				451.75*		
					622.53*			410.26*	619.77*				449.79*		
					631.17*			429.76*	652.49*				435.47*		
					463.57*			366.28*	485.65*				262.48*		
D				661.26*					629.46*					349.25*	
				711.78*					519.12*					458.61*	
				665.99*					486.42*					423.28*	
				736.96*					678.96*					434.54*	
				728.46*					678.74*					440.89*	
				723.78*					710.42*					413.71*	
				598.21*					536.53*					267.77*	
E			687.67*				613.54*		481.62*		646.72*				
			749.57*				723.73*		678.84*		718.35*				
			699.62*				603.18*		601.87*		635.98*				
			787.54*				669.39*		682.27*		674.64*				
			765.16*				699.89*		698.57*		682.61*				
			731.77*				708.39*		644.74*		781.51*				
			529.02*				532.72*		553.59*		517.69*				
F			596.67*				546.17*	529.17*			693.25*	616.35*			
			638.62*				608.87*	674.84*			568.41*	663.28*			
			578.24*				662.42*	691.47*			625.45*	615.39*			
			638.44*				677.98*	649.14*			657.92*	619.11*			
			689.92*				631.96*	646.86*			584.42*	561.96*			
			624.36*				699.89*	706.61*			712.03*	671.62*			
			586.69*				576.96*	354.88*			517.42*	649.64*			
G		498.54*			609.62*	504.35*			556.71*		618.74*		591.67*		
		534.77*			674.77*	661.77*			674.41*		643.53*		543.25*		
		527.58*			631.11*	669.78*			664.42*		686.21*		562.44*		
		524.53*			658.88*	649.56*			658.35*		700.33*		371.66*		
		527.71*			671.34*	661.00*			679.59*		706.56*		379.68*		
		488.92*			703.49*	721.69*			672.66*		733.47*		373.38*		
		432.71*			578.68*	510.13*			517.62*		555.01*		394.12*		
H	484.90*				591.69*			516.34*	538.23*				537.88*		
	484.12*				652.88*			647.26*	657.06*				594.46*		
	487.41*				652.92*			647.56*	663.76*				538.88*		
	488.46*				645.19*			661.88*	644.78*				545.78*		
	474.83*				627.34*			666.73*	661.93*				539.17*		
	444.86*				673.15*			658.76*	674.72*				545.81*		
	304.67*				415.46*			495.59*	481.64*				486.81*		
K					599.16*						613.96*	722.95*			
					699.27*						788.27*	769.46*			
					674.18*						689.17*	696.88*			
					787.37*						717.69*	778.71*			
					733.16*						732.62*	789.86*			
					809.24*						769.94*	768.13*			
					681.82*						648.32*	598.28*			



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CASE 31

TMI-1 CY-2

YEAR 76 MONTH 12 DAY 23 HOUR 18 MINUTE 28 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2524.3	14935.	328.88

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.195	CORE OUTLET	2172.7	LOOP A INLET TEMP(1)	558.33
RC FLOW LOOP B	69.667	SECONDARY LOOP A	899.58	LOOP A INLET TEMP(2)	556.72
RC TOTAL FLOW	138.89	SECONDARY LOOP B	899.58	LOOP B INLET TEMP(1)	557.28
FEEDWATER FLOW LOOP A	5.3547			LOOP B INLET TEMP(2)	557.65
FEEDWATER FLOW LOOP B	5.2687			FEEDWATER (LOOP A)	457.56
LETDOWN FLOW	.24696E-01			FEEDWATER (LOOP B)	457.56
				REACTOR OUTLET (LOOP A)	682.14
				REACTOR OUTLET (LOOP B)	682.84
				STEAM TEMP(LOOP A)	596.37
				STEAM TEMP (LOOP B)	593.21

RODH

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72*		99.81*		99.87*					
C					99.74*		7.43*		8.94*		100.00*				
D				84.84*		17.49*		99.75*		17.46*		84.96*			
E			99.84*		100.00*		99.81*		98.73*		98.79*		99.87*		
F		100.00*		16.26*		100.00*		84.84*		99.81*		17.52*		99.75*	
G			8.80*		99.70*		99.75*		99.69*		98.73*		7.92*		
H		99.90*		99.84*		84.87*		99.96*		94.81*		99.72*		99.87*	
K			6.79*		99.69*		99.84*		100.00*		98.73*		7.92*		
L		99.81*		15.36*		100.00*		84.63*		99.87*		17.46*		99.79*	
M			99.84*		100.00*		99.84*		100.00*		99.72*		100.00*		
N				84.96*		14.61*		99.61*		17.52*		84.78*			
O					99.69*		7.99*		8.88*		99.81*				
P						99.87*		99.81*		99.69*					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							536.71*	511.04*							
							575.07*	595.36*							
							518.42*	537.24*							
							584.47*	536.25*							
							499.78*	585.77*							
							544.78*	555.15*							
							483.92*	418.76*							
C						613.94*			592.14*	624.23*			304.44*		
						639.06*			347.21*	636.27*			465.16*		
						578.13*			365.92*	422.96*			447.95*		
						610.39*			380.51*	627.75*			446.14*		
						617.32*			406.32*	616.03*			445.71*		
						655.50*			429.17*	653.73*			440.08*		
						468.22*			306.57*	448.45*			267.16*		
D				667.96*						633.20*				391.02*	
				718.52*						527.34*				437.97*	
				668.02*						402.43*				419.78*	
				722.20*						601.69*				433.10*	
				728.08*						678.72*				437.73*	
				728.61*						711.03*				415.33*	
				547.90*						534.51*				271.17*	
E			694.24*			619.73*		608.46*			689.64*				
			749.36*			723.54*		674.12*			716.29*				
			692.58*			656.46*		656.03*			638.81*				
			774.60*			658.74*		672.66*			664.21*				
			787.27*			692.75*		682.02*			674.94*				
			736.87*			711.73*		687.85*			783.97*				
			535.89*			537.77*		563.22*			515.45*				
F		688.87*					541.17*	536.53*				782.64*	631.17*		
		613.11*					665.92*	675.24*				557.29*	666.59*		
		574.19*					655.77*	686.50*				427.71*	618.51*		
		631.19*					667.65*	688.10*				645.16*	611.19*		
		683.35*					644.60*	686.14*				677.33*	647.18*		
		623.38*					782.72*	722.46*				718.27*	678.76*		
		511.67*					535.84*	363.19*				522.21*	493.42*		
G		505.55*			616.25*	567.67*			568.75*		625.49*		612.46*		
		561.13*			679.32*	699.60*			671.25*		684.37*		395.44*		
		524.62*			626.87*	662.71*			656.06*		658.51*		361.79*		
		528.14*			676.44*	678.74*			658.44*		691.17*		366.21*		
		582.98*			663.55*	695.15*			673.38*		697.23*		376.03*		
		688.96*			706.23*	728.03*			679.36*		719.77*		472.74*		
		437.80*			564.99*	518.33*			527.52*		559.21*		300.71*		
H	417.23*				534.51*			519.83*	534.64*				556.74*		
	484.89*				653.16*			645.39*	623.45*				556.98*		
	646.15*				647.02*			659.99*	656.26*				526.67*		
	574.67*				697.02*			651.22*	634.23*				538.46*		
	571.19*				628.02*			693.64*	652.79*				536.76*		
	682.09*				674.34*			668.18*	682.46*				563.02*		
	506.19*				422.64*			587.98*	466.89*				489.73*		
I					682.41*						621.22*	734.59*			
					699.90*						700.55*	770.40*			
					671.96*						658.64*	687.96*			
					695.89*						785.77*	767.18*			
					728.78*						784.02*	777.47*			
					613.08*						769.67*	758.95*			
					644.08*						658.75*	683.25*			
J		589.70*	596.30*			587.98*					626.98*		612.93*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				699.77*	686.68*			537.25*	568.54*			
			626.89*				647.69*	688.16*			422.71*	610.91*			
			683.39*				694.60*	605.34*			645.16*	611.39*			
			628.96*				782.72*	722.44*			677.33*	847.33*			
			511.67*				533.09*	363.19*			710.27*	670.76*			
											522.21*	493.47*			
G		595.55*		616.25*	567.67*			560.75*		625.84*		612.40*			
		641.17*		679.32*	669.68*			671.25*		646.37*		545.46*			
		676.67*		674.87*	662.71*			656.86*		668.51*		501.79*			
		628.14*		676.46*	674.74*			658.44*		691.17*		366.21*			
		507.98*		663.55*	655.15*			673.34*		647.23*		376.23*			
		680.96*		786.23*	724.01*			679.36*		739.72*		372.74*			
		637.69*		586.99*	514.33*			527.52*		549.21*		300.71*			
H	417.73*			598.51*			519.03*	534.64*				554.28*			
	498.49*			633.10*			645.09*	623.05*				558.98*			
	686.16*			647.02*			659.99*	656.28*				526.67*			
	676.67*			667.82*			651.22*	636.23*				538.46*			
	671.19*			628.42*			653.84*	652.79*				534.74*			
	682.85*			678.36*			668.18*	652.46*				563.92*			
	786.19*			622.66*			587.93*	663.89*				489.73*			
K				602.81*						623.27*	736.38*				
				699.99*						755.59*	775.40*				
				671.96*						648.46*	687.96*				
				645.69*						705.77*	757.17*				
				725.70*						704.02*	722.47*				
				911.03*						763.57*	794.34*				
				946.85*						645.75*	608.25*				
L		599.76*	596.30*		547.99*					[illegible]	[illegible]				
		705.18*	597.24*		651.2[illegible]*					[illegible]	[illegible]				
		682.68*	584.68*		635.74*					[illegible]	[illegible]				
		657.59*	613.18*		660.04*					677.51*	[illegible]				
		642.12*	649.77*		641.33*					675.64*	686.47*				
		637.14*	641.44*		670.14*					767.55*	701.43*				
		647.93*	672.79*		526.09*					775.82*	594.35*				
M			618.65*			687.37*		635.62*	625.23*				633.23*		
			762.59*			733.31*		685.85*	657.43*				633.96*		
			718.18*			697.68*		644.90*	636.72*				612.16*		
			763.66*			691.35*		675.85*	644.64*				629.27*		
			788.71*			679.47*		782.17*	648.54*				603.51*		
			722.51*			738.34*		715.23*	643.61*				581.96*		
			913.49*			683.71*		664.90*	524.81*				375.69*		
N				613.65*			653.69*	754.66*							
				847.68*			721.88*	774.78*							
				682.64*			781.13*	788.65*							
				682.78*			715.34*	767.21*							
				666.96*			703.77*	771.24*							
				736.37*			687.21*	754.35*							
				204.68*			555.79*	[illegible]							
O					659.43*	624.47*				594.69*		561.14*			
					736.73*	631.86*				647.74*		652.93*			
					711.42*	592.16*				632.73*		640.25*			
					779.85*	640.71*				706.35*		689.53*			
					718.42*	627.14*				674.03*		533.67*			
					656.89*	629.42*				694.42*		402.21*			
					694.11*	575.56*				466.46*		464.68*			
P						671.86*									
						676.49*									
						672.57*									
						666.99*									
						781.44*									
						675.36*									
						676.99*									
Q							486.22*			531.73*					
							446.8[illegible]*			415.55*					
							442.77*			411.05*					
							445.32*			414.81*					
							472.88*			411.76*					
							458.67*			394.14*					
							332.12*			276.74*					

CASE 32

TMI-1 CY-2

YEAR 76 MONTH 12 DAY 30 HOUR 11 MINUTE 23 REF EST

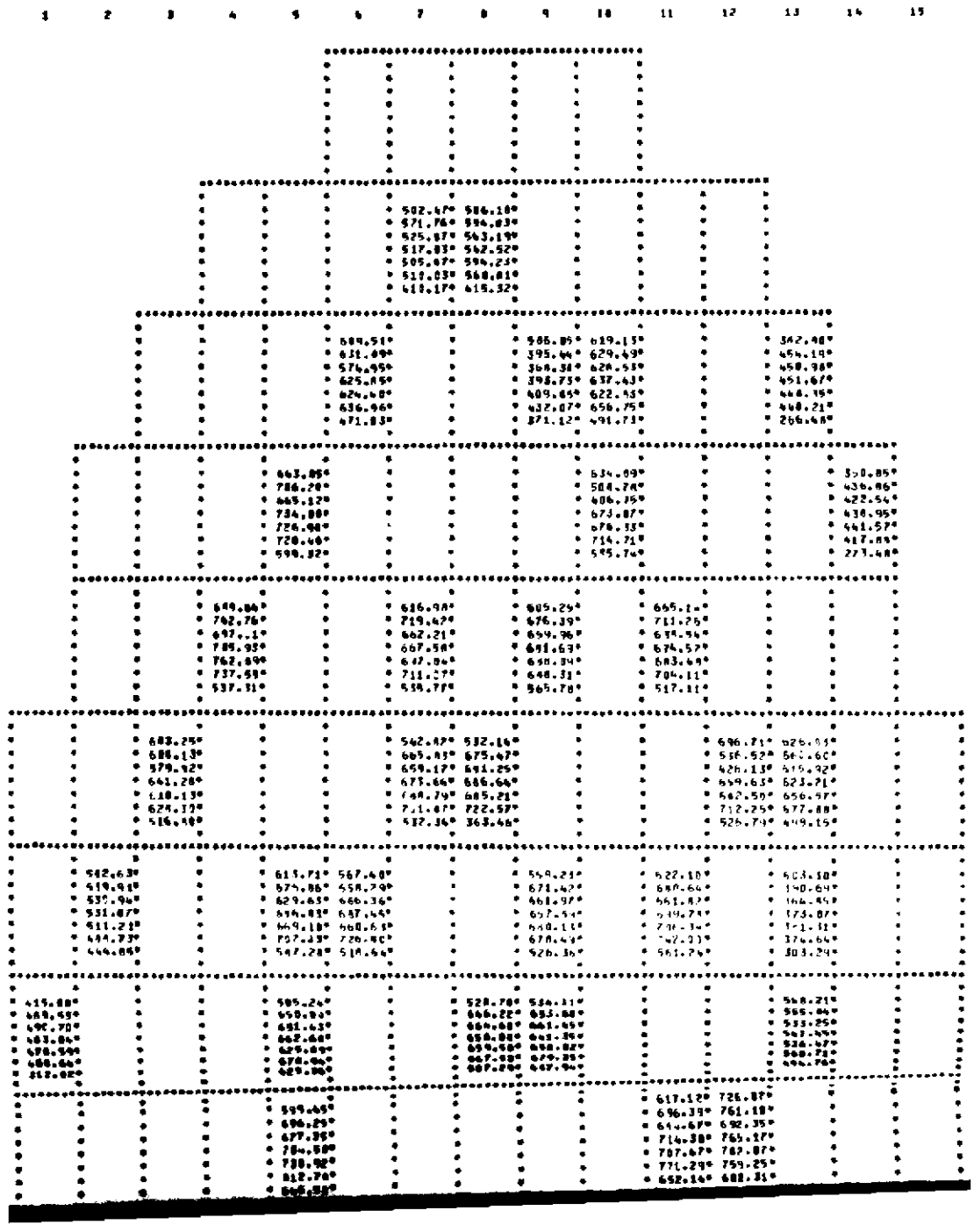
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2525.2	19152.	388.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.341	CORE OUTLET	2173.7	LOOP A INLET TEMP(1)	558.43
RC FLOW LOOP B	69.592	SECONDARY LOOP A	982.28	LOOP A INLET TEMP(2)	556.95
RC TOTAL FLOW	138.61	SECONDARY LOOP B	982.28	LOOP B INLET TEMP(1)	557.37
FEEDWATER FLOW LOOP A	5.3479			LOOP B INLET TEMP(2)	557.76
FEEDWATER FLOW LOOP B	5.2578			FEEDWATER (LOOP A)	457.62
LETDOWN FLOW	.24696E-01			FEEDWATER (LOOP B)	457.62
				REACTOR OUTLET (LOOP A)	602.34
				REACTOR OUTLET (LOOP B)	602.28
				STEAM TEMP(LOOP A)	596.44
				STEAM TEMP (LOOP B)	593.28

POOW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72%		99.81%		99.87%					
C					99.84%		7.83%		6.97%		100.00%				
D				83.79%		16.44%		99.81%		16.44%		83.96%			
E			99.87%		100.00%		99.91%		99.76%		98.79%		99.98%		
F		100.00%		16.24%		100.00%		63.85%		99.81%		16.47%		99.78%	
G			7.86%		99.74%		99.79%		49.77%		98.76%		7.92%		
H		99.97%		99.81%		83.68%		99.96%		84.94%		99.75%		99.87%	
K			6.79%		99.72%		99.84%		100.00%		98.73%		7.92%		
L		99.84%		15.39%		100.00%		84.06%		99.87%		16.41%		99.81%	
N			99.47%		100.00%		99.84%		100.00%		99.75%		100.00%		
W				83.97%		16.41%		98.67%		16.47%		83.76%			
O					99.75%		6.87%		7.00%		99.84%				
P						99.98%		99.84%		99.72%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPWCBC



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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]			[illegible]	[illegible]					536.92*	660.60*		
			641.28*			659.17*	691.29*					426.13*	615.92*		
			610.13*			673.66*	686.66*					659.63*	623.21*		
			628.37*			688.79*	685.21*					682.50*	656.57*		
			916.80*			741.47*	722.57*					712.24*	677.88*		
						532.34*	363.46*					526.74*	499.65*		
D		582.63*			613.71*	567.60*		599.23*		627.11*		503.10*			
		439.41*			676.86*	694.74*		671.67*		580.64*		590.69*			
		537.94*			629.61*	666.36*		661.47*		651.47*		664.65*			
		531.07*			636.83*	697.65*		657.97*		646.74*		573.07*			
		511.23*			669.10*	668.63*		610.11*		716.35*		541.11*			
		484.73*			727.13*	776.85*		678.61*		740.17*		374.64*			
		466.85*			597.28*	514.64*		526.36*		541.74*		363.79*			
M	416.08*				595.24*			520.78*	514.11*				568.21*		
	489.53*				658.88*			646.22*	653.60*				595.84*		
	490.70*				651.43*			664.80*	661.45*				533.25*		
	483.04*				662.68*			658.88*	641.35*				547.65*		
	478.99*				629.89*			659.68*	658.82*				536.47*		
	468.64*				678.94*			667.63*	679.35*				568.71*		
	312.82*				425.14*			507.24*	497.94*				494.76*		
K					549.45*						636.11*	700.07*			
					686.24*						654.13*	701.14*			
					677.38*						634.62*	692.35*			
					706.98*						714.38*	765.17*			
					738.92*						707.67*	783.07*			
					817.78*						771.23*	754.25*			
					645.58*						652.14*	602.31*			
I		594.11*	511.39*			545.02*					633.67*		537.43*		
		700.46*	548.42*			[illegible]					651.74*		514.15*		
		645.49*	532.57*			641.46*					537.03*		514.37*		
		663.71*	677.60*			665.35*					543.54*		463.31*		
		667.24*	694.66*			664.50*					525.04*		463.43*		
		639.17*	643.67*			671.41*					736.54*		724.15*		
		650.19*	479.67*			527.67*					575.54*		574.34*		
H			686.66*			633.77*		652.24*	630.44*					529.42*	
			768.24*			729.31*		653.45*	655.01*					570.49*	
			722.54*			721.42*		665.64*	667.80*					516.92*	
			772.11*			730.33*		634.37*	699.52*					635.67*	
			708.63*			696.65*		709.60*	696.75*					606.47*	
			722.69*			737.79*		717.13*	645.34*					584.77*	
			516.59*			604.35*		567.74*	526.17*					379.87*	
G				468.56*			646.08*	743.07*							
				685.12*			716.68*	768.95*							
				668.74*			746.39*	711.63*							
				691.18*			725.05*	775.20*							
				673.17*			718.24*	774.77*							
				793.71*			690.22*	752.57*							
				745.77*			558.32*	567.60*							
D					656.25*	618.46*				574.14*		557.99*			
					731.78*	677.56*				662.67*		550.77*			
					727.13*	598.42*				638.66*		644.61*			
					729.11*	658.83*				714.43*		678.31*			
					715.47*	613.28*				646.05*		614.70*			
					466.41*	631.43*				617.44*		613.35*			
					497.32*	479.62*				470.64*		472.81*			
P						567.28*									
						673.18*									
						676.02*									
						673.33*									
						704.22*									
						677.87*									
						479.65*									
A							476.61*			331.34*					
							445.81*			413.94*					
							457.67*			415.10*					
							452.25*			478.68*					
							478.71*			418.41*					
							664.70*			463.15*					
							337.78*			242.22*					

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CASE 53

TMI-1 CY-2

YEAR 77 MONTH 01 DAY 06 HOUR 15 MINUTE 10 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2523.2	15372.	274.08

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.368	CORE OUTLET	2172.9	LOOP A INLET TEMP(1)	557.95
RC FLOW LOOP B	69.699	SECONDARY LOOP A	900.30	LOOP A INLET TEMP(2)	556.28
RC TOTAL FLOW	139.16	SECONDARY LOOP B	900.30	LOOP B INLET TEMP(1)	556.91
FEEDWATER FLOW LOOP A	5.3983			LOOP B INLET TEMP(2)	557.15
FEEDWATER FLOW LOOP B	5.2669			FEEDWATER (LOOP A)	457.99
LETDOWN FLOW	.24744E-01			FEEDWATER (LOOP B)	457.99
				REACTOR OUTLET (LOOP A)	601.89
				REACTOR OUTLET (LOOP B)	601.81
				STEAM TEMP(LOOP A)	595.96
				STEAM TEMP (LOOP B)	592.86

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72°		99.70°		99.87°					
C					99.81°		6.69°		6.70°		100.00°				
D				81.66°		15.33°		99.81°		19.35°		81.61°			
E			99.66°		100.00°		99.66°		99.73°		99.82°		99.66°		
F		100.00°		14.13°		100.00°		81.69°		100.00°		15.33°		99.73°	
G			6.78°		99.78°		98.78°		99.72°		98.73°		6.81°		
H		99.93°		100.00°		81.69°		99.93°		82.66°		99.72°		99.94°	
I			6.78°		99.72°		99.87°		99.87°		98.71°		6.78°		
L		99.84°		14.87°		100.00°		82.50°		99.87°		15.30°		99.78°	
M			99.84°		99.78°		99.84°		100.00°		99.74°		99.99°		
N				81.81°		15.39°		100.00°		14.34°		82.66°			
O					99.69°		6.84°		6.75°		99.81°				
P						99.90°		99.84°		99.72°					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNOPS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							489.64*	494.34*							
							565.91*	589.79*							
							933.78*	952.19*							
							528.64*	555.44*							
							511.97*	608.69*							
							910.41*	901.09*							
							411.41*	419.00*							
C					594.27*			85[illegible].36*	602.90*				379.53*		
					613.80*			386.24*	611.64*				458.97*		
					586.64*			373.88*	637.57*				456.59*		
					668.18*			4[illegible]3.81*	656.75*				459.44*		
					620.38*			412.93*	626.88*				449.66*		
					632.47*			429.81*	653.21*				429.32*		
					480.69*			367.48*	684.15*				260.43*		
D				692.17*					619.35*					347.45*	
				606.24*					494.84*					431.49*	
				676.18*					413.83*					427.91*	
				798.17*					723.39*					446.48*	
				720.74*					679.52*					443.42*	
				711.67*					704.11*					411.66*	
				588.68*					529.18*					271.64*	
E			670.87*				627.19*		595.61*		655.27*				
			723.90*				707.47*		663.94*		640.91*				
			710.29*				671.91*		649.62*		644.67*				
			689.11*				684.67*		697.41*		694.12*				
			765.96*				699.76*		698.28*		685.15*				
			721.20*				697.72*		674.82*		651.88*				
			926.77*				529.67*		555.61*		587.82*				
F			566.16*				564.57*	712.82*				[illegible]79*	618.16*		
			592.40*				662.46*	673.86*				670.80*	642.10*		
			594.41*				667.59*	788.[illegible]1*				633.96*	625.75*		
			660.97*				686.11*	697.95*				669.61*	643.64*		
			613.76*				690.59*	687.00*				696.19*	660.14*		
			622.67*				683.62*	694.99*				785.32*	670.73*		
			911.42*				520.44*	353.82*				817.51*	49[illegible].62*		
G		481.[illegible]1*			683.88*	563.58*			550.58*		612.35*		574.25*		
		537.86*			665.82*	696.10*			670.[illegible]8*		664.64*		[illegible]4.69*		
		548.25*			639.65*	675.84*			649.83*		669.83*		378.58*		
		542.80*			732.45*	698.66*			647.4[illegible]*		717.65*		341.38*		
		919.18*			672.15*	661.46*			674.76*		706.41*		362.13*		
		490.57*			695.11*	787.46*			697.21*		727.92*		373.81*		
		447.59*			588.72*	580.34*			513.56*		550.69*		311.14*		
H	489.29*				507.37*			522.73*	534.32*				528.57*		
	447.64*				664.84*			646.88*	654.85*				545.27*		
	498.84*				641.28*			672.62*	668.68*				541.88*		
	496.21*				674.68*			667.38*	661.1[illegible]*				561.17*		
	443.08*				626.84*			660.68*	659.93*				542.18*		
	472.12*				644.54*			649.05*	659.33*				571.29*		
	316.68*				400.88*			600.88*	678.81*				492.78*		
K					996.84*						687.88*	783.19*			
					685.78*						685.96*	736.98*			
					680.84*						686.04*	788.63*			
					721.46*						736.28*	787.51*			
					738.88*						711.82*	786.82*			
					787.38*						757.59*	769.83*			
					684.38*						644.89*	598.39*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				[illegible]	[illegible]			[illegible]	[illegible]			
			[illegible]				[illegible]	[illegible]			[illegible]	[illegible]			
			[illegible]				[illegible]	[illegible]			[illegible]	[illegible]			
			[illegible]				[illegible]	[illegible]			[illegible]	[illegible]			
			[illegible]				[illegible]	[illegible]			[illegible]	[illegible]			
G		491.12*			603.08*	563.98*			559.54*		612.35*		574.25*		
		517.04*			665.02*	654.18*			678.90*		668.64*		384.69*		
		549.26*			639.05*	675.04*			669.83*		669.03*		378.58*		
		542.60*			712.45*	691.06*			667.6[illegible]*		717.65*		363.38*		
		519.10*			672.19*	661.66*			676.76*		786.81*		382.13*		
		490.87*			649.11*	707.66*			657.71*		727.97*		373.0[illegible]*		
		647.38*			640.72*	580.36*			913.54*		551.69*		361.14*		
H	489.29*				847.37*			522.73*	536.32*				528.57*		
	457.04*				644.86*			646.68*	654.35*				540.27*		
	498.04*				661.20*			672.42*	648.68*				541.88*		
	491.21*				678.68*			667.38*	651.16*				561.17*		
	483.99*				624.15*			660.60*	659.53*				542.18*		
	471.18*				664.64*			649.05*	659.33*				578.29*		
	314.60*				629.08*			494.94*	476.61*				492.78*		
K					591.29*						687.40*	783.16*			
					718.70*						686.66*	786.59*			
					680.09*						696.06*	788.48*			
					721.86*						784.38*	787.51*			
					783.90*						711.02*	786.02*			
					797.00*						757.49*	749.63*			
					616.04*						644.09*	593.35*			
L		572.63*	576.19*			578.66*					614.42*		593.79*		
		694.13*	573.68*			646.31*					636.49*		638.09*		
		694.58*	663.05*			641.65*					645.11*		624.15*		
		875.56*	639.38*			680.96*					711.81*		707.20*		
		669.63*	696.08*			667.58*					628.82*		677.58*		
		688.33*	639.24*			699.61*					736.51*		701.53*		
		640.60*	478.41*			520.21*					568.08*		553.38*		
M			596.05*				595.26*		622.61*	617.17*				522.46*	
			746.43*				718.21*		678.94*	634.97*				624.36*	
			733.29*				718.72*		661.38*	653.47*				623.18*	
			700.09*				715.46*		781.91*	722.94*				645.92*	
			711.02*				686.46*		718.61*	698.18*				638.02*	
			718.28*				726.48*		784.46*	687.55*				577.17*	
			587.90*				597.77*		671.42*	519.47*				374.08*	
N				948.39*				638.62*	728.63*						
				676.04*				709.29*	749.19*						
				648.40*				717.23*	723.32*						
				727.63*				742.68*	798.63*						
				675.93*				714.78*	777.36*						
				679.93*				686.06*	742.23*						
				278.06*				558.08*	563.21*						
O					644.48*	682.69*				536.[illegible]*		553.36*			
					178.48*	618.79*				644.64*		646.33*			
					716.98*	680.01*				649.13*		663.63*			
					744.62*	668.40*				736.75*		692.89*			
					719.29*	637.20*				698.64*		642.28*			
					663.67*	597.22*				692.26*		598.84*			
					484.78*	475.27*				668.53*		468.68*			
P						595.67*									
						667.29*									
						686.92*									
						688.73*									
						709.68*									
						675.19*									
						679.16*									
R							399.35*			327.48*					
							486.08*			613.10*					
							465.66*			621.71*					
							487.07*			429.13*					
							485.18*			422.37*					
							468.08*			481.26*					
							361.31*			283.57*					

CASE 34

TMI-1 CY-2

YEAR 77 MONTH 01 DAY 13 HOUR 08 MINUTE 20 REF EST

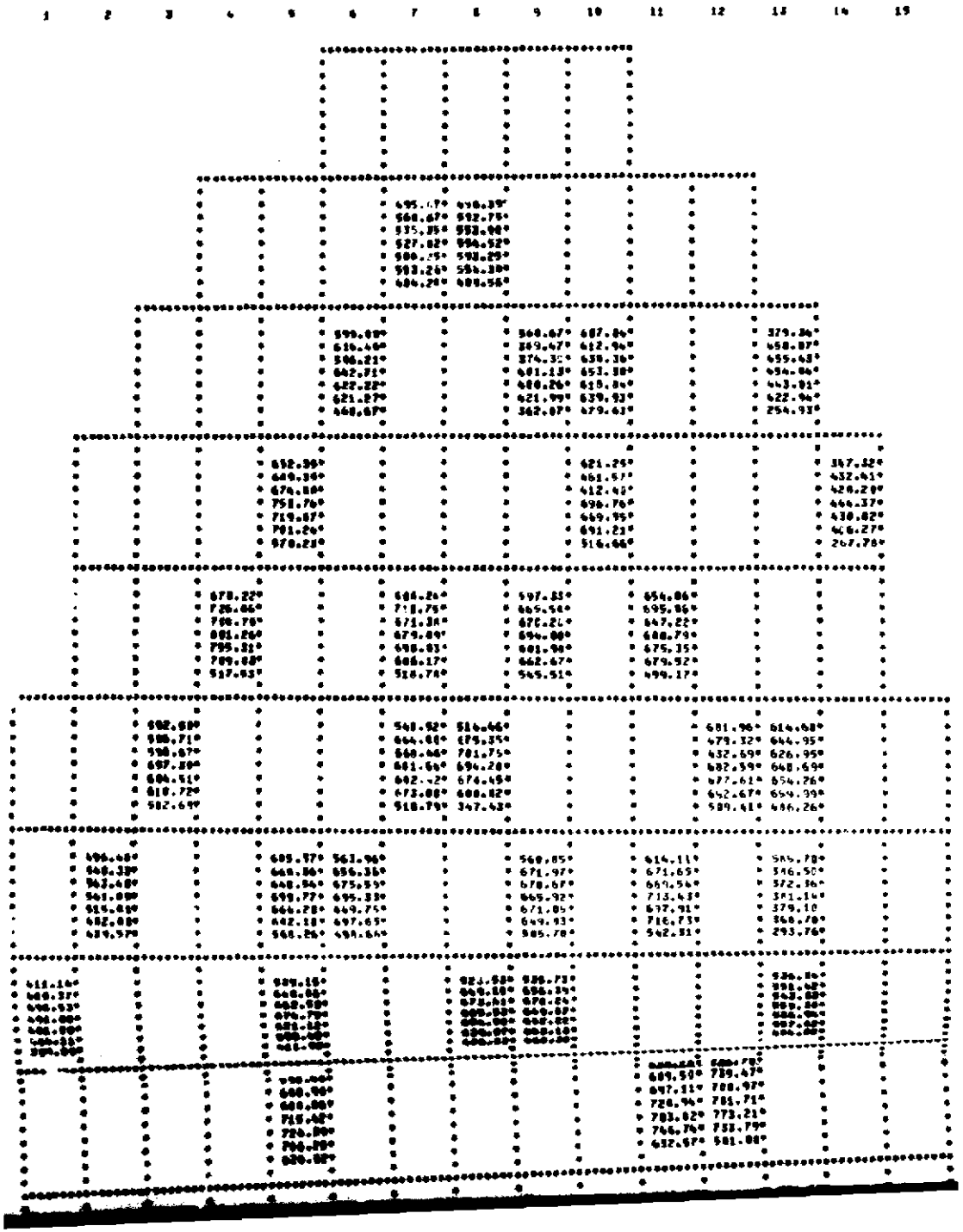
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2915.2	15570.	268.88

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.472	CORE OUTLET	2171.3	LOOP A INLET TEMP(1)	557.56
RC FLOW LOOP B	69.370	SECONDARY LOOP A	898.40	LOOP A INLET TEMP(2)	555.96
RC TOTAL FLOW	139.29	SECONDARY LOOP B	898.48	LOOP B INLET TEMP(1)	556.78
FEEDWATER FLOW LOOP A	5.3624			LOOP B INLET TEMP(2)	556.77
FEEDWATER FLOW LOOP B	5.2359			FEEDWATER (LOOP A)	456.99
LETDOWN FLOW	.24712E-01			FEEDWATER (LOOP B)	456.99
				REACTOR OUTLET (LOOP A)	601.51
				REACTOR OUTLET (LOOP B)	601.44
				STEAM TEMP(LOOP A)	595.48
				STEAM TEMP (LOOP B)	592.52

POON

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.70%		99.67%					
C					99.84%		7.63%		7.92%		100.00%				
D				82.71%		15.33%		99.78%		15.38%		82.46%			
E			99.84%		100.00%		99.81%		98.73%		98.82%		99.84%		
F		100.00%		15.12%		100.00%		82.74%		100.00%		15.33%		99.75%	
G			6.78%		99.78%		98.76%		99.72%		98.71%		6.76%		
H		99.98%		100.00%		82.77%		99.83%		83.79%		99.72%		99.84%	
K			6.78%		99.72%		99.84%		99.87%		98.78%		7.92%		
L		99.81%		16.37%		100.00%		83.81%		99.87%		15.38%		99.78%	
M			99.84%		99.78%		99.84%		100.00%		99.72%		99.96%		
N				82.00%		15.38%		100.00%		14.34%		83.76%			
O					99.72%		6.84%		7.86%		99.81%				
P						99.87%		99.81%		99.72%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHERE



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F															
G															
H															
K															
L															
M															
N															
O															
P															
Q															

CASE 35

TMI-1 CY-2

YEAR 77 MONTH 01 DAY 20 HOUR 00 MINUTE 59 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2529.6	15793.	241.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.014	CORE OUTLET	2173.0	LOOP A INLET TEMP(1)	557.69
RC FLOW LOOP B	69.034	SECONDARY LOOP A	984.00	LOOP A INLET TEMP(2)	555.92
RC TOTAL FLOW	139.56	SECONDARY LOOP B	984.00	LOOP B INLET TEMP(1)	556.76
FEEDWATER FLOW LOOP A	5.3656			LOOP B INLET TEMP(2)	556.90
FEEDWATER FLOW LOOP B	5.2544			FEEDWATER (LOOP A)	457.50
LETDOWN FLOW	.24712E-01			FEEDWATER (LOOP B)	457.50
				REACTOR OUTLET (LOOP A)	601.46
				REACTOR OUTLET (LOOP B)	601.38
				STEAM TEMP(LOOP A)	595.27
				STEAM TEMP (LOOP B)	592.25

POOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						100.00%		99.96%		99.01%					
C					99.46%		7.96%		8.16%		170.03%				
D				82.88%		15.66%		99.65%		16.74%		82.98%			
E			99.79%		99.87%		100.00%		99.73%		98.85%		99.87%		
F		100.00%		16.97%		99.75%		82.69%		99.98%		16.54%		99.75%	
G			8.07%		99.98%		99.49%		99.65%		99.61%		7.92%		
H		100.[illegible]		100.38%		82.99%		99.96%		42.35%		99.53%		100.00%	
K			7.35%		99.54%		100.00%		99.57%		99.27%		7.69%		
L		99.63%		16.96%		100.00%		82.35%		99.74%		16.52%		99.63%	
M			100.00%		99.99%		99.16%		100.00%		99.68%		99.81%		
N				82.41%		16.76%		99.72%		15.62%		82.65%			
O					99.74%		7.28%		8.07%		99.74%				
P						99.81%		99.93%		99.69%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNDBG

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							510.98*	517.07*							
							474.25*	499.63*							
							531.43*	991.07*							
							526.66*	544.97*							
							587.77*	592.78*							
							518.88*	560.51*							
							412.77*	517.63*							
C						511.61*			598.37*	622.13*			384.48*		
						621.33*			341.42*	616.78*			451.58*		
						502.99*			372.5[illegible]*	635.79*			449.66*		
						534.42*			397.2[illegible]*	647.[illegible]*			491.12*		
						618.77*			488.01*	616.45*			463.89*		
						627.44*			427.49*	647.[illegible]5*			43[illegible].14*		
						671.24*			869.68*	689.[illegible]*			267.51*		
D					661.64*					693.[illegible]*				152.57*	
					650.42*					459.[illegible]*				433.63*	
					671.23*					419.[illegible]*				424.51*	
					741.27*					691.[illegible]*				439.15*	
					717.87*					669.[illegible]*				437.04*	
					710.05*					698.21*				410.57*	
					598.17*					628.7[illegible]*				273.46*	
E				687.96*			619.31*		687.48*		665.2[illegible]*				
				726.33*			712.54*		669.38*		695.53*				
				781.05*			664.18*		665.32*		648.82*				
				713.23*			673.65*		666.51*		681.97*				
				752.46*			789.16*		681.35*		671.92*				
				719.35*			694.48*		671.78*		646.91*				
				628.23*			530.28*		557.61*		588.35*				
F			606.28*				563.97*	526.38*				695.96*	629.58*		
			594.52*				669.23*	677.86*				673.37*	646.66*		
			586.57*				662.92*	695.58*				431.26*	622.85*		
			651.29*				677.87*	685.03*				676.44*	633.62*		
			686.57*				681.82*	675.31*				673.78*	652.75*		
			616.22*				681.66*	785.71*				697.67*	664.22*		
			518.46*				523.80*	188.05*				518.03*	496.16*		
G				514.17*		616.24*	573.18*		560.88*		576.86*		606.91*		
				546.56*		670.82*	694.06*		67[illegible].96*		673.48*		389.35*		
				539.60*		636.17*	600.77*		662.42*		663.0[illegible]*		370.39*		
				517.29*		691.35*	630.87*		659.1[illegible]*		787.27*		377.35*		
				515.38*		660.63*	649.99*		669.32*		694.37*		376.63*		
				488.26*		698.96*	708.75*		668.71*		725.35*		369.71*		
				458.09*		588.52*	511.39*		519.61*		553.55*		381.34*		
H	471.81*				608.36*			538.68*	542.54*				554.39*		
	492.54*				649.[illegible]*			658.08*	656.61*				554.11*		
	499.94*				647.04*			661.23*	664.04*				589.88*		
	484.09*				607.68*			659.70*	642.[illegible]*				553.09*		
	477.69*				619.11*			653.61*	652.[illegible]*				535.98*		
	467.62*				669.90*			592.86*	641.96*				564.26*		
	488.80*				623.04*			588.69*	679.41*				493.44*		
I					603.46*						615.68*	732.[illegible]*			
					660.60*						698.12*	741.43*			
					682.80*						691.36*	696.78*			
					700.64*						728.13*	771.31*			
					723.42*						718.10*	767.39*			
					706.04*						754.75*	738.82*			
					630.21*						644.21*	592.82*			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F															
G															
H															
K															
L															
M															
N															
O															
P															
R															

CASE 36

TMI-1 CY-2

YEAR 77 MONTH 01 DAY 28 HOUR 14 MINUTE 25 REF EST

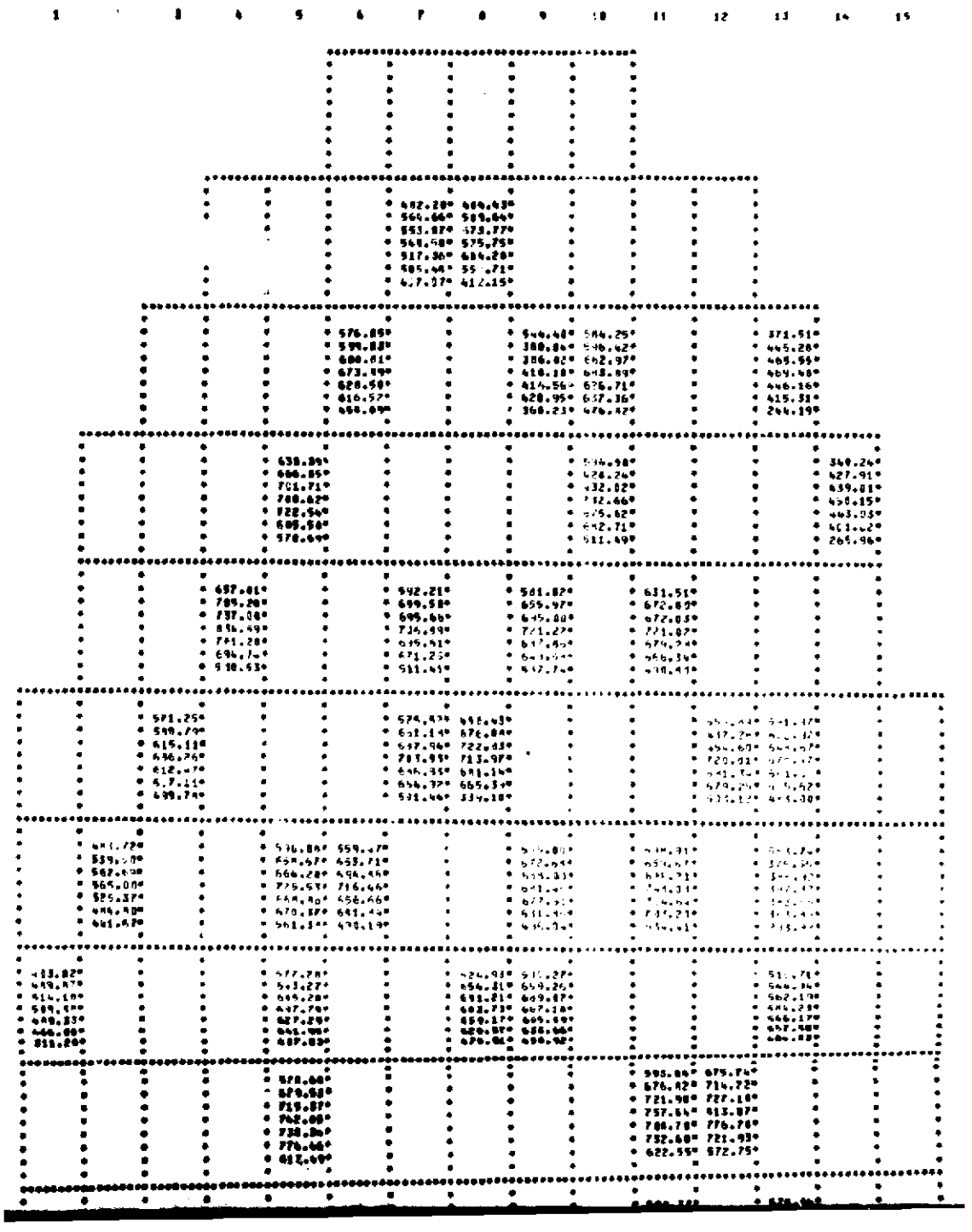
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPME)
2513.9	16046.	206.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.189	CORE OUTLET	2172.4	LOOP A INLET TEMP(1)	558.23
RC FLOW LOOP B	69.434	SECONDARY LOOP A	898.60	LOOP A INLET TEMP(2)	556.20
RC TOTAL FLOW	139.32	SECONDARY LOOP B	898.60	LOOP B INLET TEMP(1)	557.67
FEEDWATER FLOW LOOP A	5.3273			LOOP B INLET TEMP(2)	557.31
FEEDWATER FLOW LOOP B	5.2329			FEEDWATER (LOOP A)	457.06
LETDOWN FLOW	.11553E-01			FEEDWATER (LOOP B)	457.06
				REACTOR OUTLET (LOOP A)	602.00
				REACTOR OUTLET (LOOP B)	601.78
				STEAM TEMP(LOOP A)	596.03
				STEAM TEMP (LOOP B)	592.93

POOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.81%		99.97%					
C					99.84%		6.69%		6.74%		100.00%				
D				41.66%		13.28%		99.78%		12.15%		41.79%			
E			99.87%		100.00%		99.81%		98.79%		98.79%		99.87%		
F		100.00%		12.00%		100.00%		81.69%		100.00%		12.15%		99.79%	
G			6.78%		99.74%		98.76%		99.75%		98.75%		6.81%		
H		99.98%		100.00%		81.72%		99.96%		81.66%		99.75%		99.84%	
K			6.76%		99.72%		99.84%		99.87%		98.73%		6.81%		
L		99.84%		12.24%		100.00%		81.51%		99.87%		12.15%		99.78%	
M			99.84%		99.78%		99.87%		100.00%		99.75%		99.46%		
N				41.64%		12.12%		100.00%		13.26%		41.66%			
O					99.72%		6.87%		6.72%		99.81%				
P						99.98%		99.84%		99.69%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHDBC



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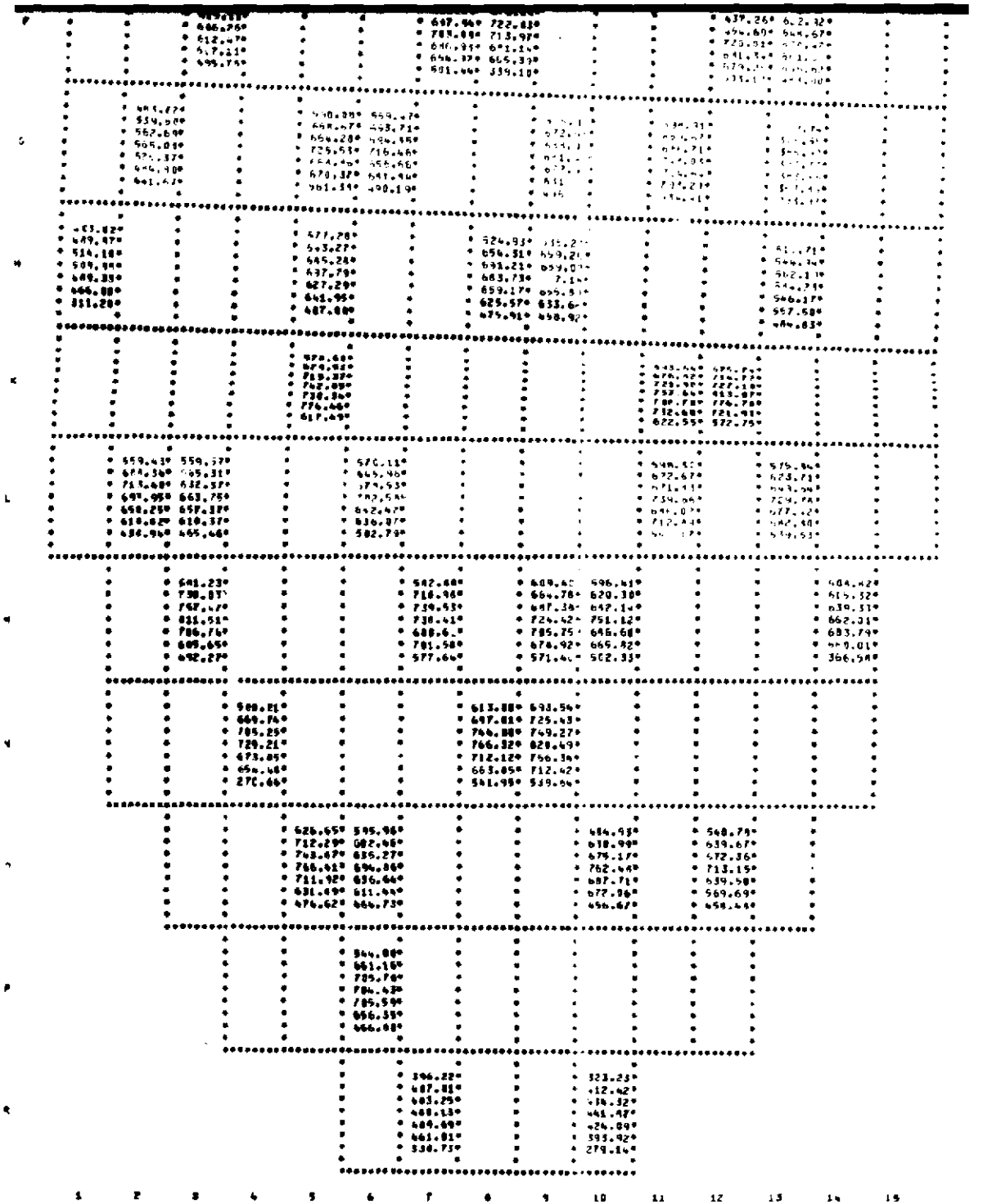

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CASE 37

TMI-1 CY-2

YEAR 76 MONTH 02 DAY 03 HOUR 09 MINUTE 28 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2498.4	16224.	206.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.297	CORE OUTLET	2171.2	LOOP A INLET TEMP(1)	558.52
RC FLOW LOOP B	69.759	SECONDARY LOOP A	839.60	LOOP A INLET TEMP(2)	556.78
RC TOTAL FLOW	138.76	SECONDARY LOOP B	899.68	LOOP B INLET TEMP(1)	557.63
FEEDWATER FLOW LOOP A	5.3131			LOOP B INLET TEMP(2)	557.58
FEEDWATER FLOW LOOP B	5.2829			FEEDWATER (LOOP A)	457.00
LETDOWN FLOW	.24744E-01			FEEDWATER (LOOP B)	457.00
				REACTOR OUTLET (LOOP A)	602.14
				REACTOR OUTLET (LOOP B)	601.82
				STEAM TEMP(LOOP A)	596.23
				STEAM TEMP (LOOP B)	593.55

POOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						100.00%		99.96%		99.81%					
C					99.96%		7.20%		7.32%		100.01%				
D				83.73%		15.45%		100.00%		14.61%		83.97%			
E			99.72%		99.87%		100.00%		99.73%		99.82%		99.84%		
F		100.00%		14.82%		99.79%		83.88%		99.87%		15.36%		99.75%	
G			6.40%		99.87%		99.45%		99.48%		99.61%		7.36%		
H		100.00%		100.00%		83.64%		99.90%		83.97%		99.62%		100.00%	
K			6.49%		99.54%		100.00%		99.54%		99.27%		7.11%		
L		99.81%		14.79%		100.00%		83.37%		99.78%		14.34%		99.63%	
M			100.00%		99.99%		99.16%		100.00%		99.60%		99.91%		
N				83.40%		14.50%		99.72%		15.21%		83.67%			
O					99.79%		6.79%		7.29%		99.41%				
P						99.71%		99.93%		99.66%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SP40BC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							496.77*	581.40*							
							567.27*	592.44*							
							534.43*	564.23*							
							529.55*	555.42*							
							511.85*	596.33*							
							514.77*	565.60*							
							421.38*	429.11*							
C						595.57*			564.75*	633.40*			376.13*		
						689.23*			365.44*	506.31*			445.24*		
						587.87*			371.64*	633.77*			447.38*		
						642.26*			408.68*	651.25*			451.93*		
						621.32*			409.61*	618.69*			443.13*		
						635.43*			429.37*	657.47*			436.53*		
						479.36*			373.23*	498.15*			261.91*		
D					447.36*					417.71*				346.45*	
					477.68*					449.87*				428.14*	
					467.25*					408.98*				423.87*	
					702.42*					691.95*				439.47*	
					716.32*					669.18*				434.31*	
					715.94*					701.84*				415.87*	
					596.62*					536.14*				241.09*	
E				673.64*			408.02*		595.21*		649.40*				
				714.32*			784.88*		659.07*		684.74*				
				708.86*			867.89*		866.35*		640.35*				
				793.77*			676.54*		689.34*		683.87*				
				752.84*			638.88*		683.53*		673.58*				
				727.26*			781.89*		679.64*		693.67*				
				936.93*			539.31*		566.64*		516.73*				
F			598.14*				538.44*	519.29*				676.25*	618.56*		
			588.86*				657.92*	677.29*				462.67*	637.98*		
			587.66*				861.93*	697.28*				432.61*	621.37*		
			653.39*				679.18*	687.96*				690.01*	637.96*		
			686.39*				693.53*	679.29*				675.00*	654.25*		
			622.42*				693.53*	723.26*				701.24*	672.54*		
			519.53*				533.36*	368.32*				525.99*	502.28*		
G		598.22*			683.95*	586.63*			561.65*		611.55*		578.91*		
		541.67*			662.85*	651.68*			667.93*		664.27*		341.50*		
		542.95*			639.53*	669.75*			663.69*		662.92*		376.02*		
		542.87*			693.83*	691.42*			680.01*		710.14*		381.67*		
		519.88*			662.82*	652.75*			674.20*		693.63*		380.50*		
		493.64*			696.97*	719.53*			671.67*		733.05*		372.69*		
		456.20*			589.84*	522.64*			530.07*		562.62*		305.19*		
H	413.97*				598.05*			527.47*	539.03*				524.46*		
	489.74*				642.54*			645.92*	653.17*				548.51*		
	497.14*				657.12*			668.86*	666.18*				542.47*		
	498.60*				671.61*			668.98*	646.81*				559.34*		
	481.95*				622.83*			659.48*	654.74*				539.86*		
	471.62*				674.14*			863.35*	675.83*				568.35*		
	328.23*				438.89*			913.82*	498.64*				499.11*		
N					590.79*						688.88*	496.98*			
					682.38*						681.13*	725.85*			
					682.61*						698.99*	692.78*			
					711.78*						722.74*	778.89*			
					723.93*						783.05*	765.92*			
					682.05*						761.16*	741.10*			
					668.01*						651.11*	598.32*			
											612.38*		594.12*		

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			590.80*				657.92*	673.28*				576.25*	610.96*		
			907.44*				661.93*	697.28*				482.82*	637.48*		
			653.83*				674.10*	687.96*				431.51*	621.37*		
			686.39*				643.53*	679.29*				680.01*	637.96*		
			622.42*				643.53*	723.26*				675.00*	656.25*		
			519.53*				533.36*	368.32*				701.24*	677.54*		
												525.39*	562.25*		
G		588.22*			613.95*	566.93*		561.44*		511.53*		378.91*			
		541.62*			462.03*	651.66*		607.43*		664.22*		341.53*			
		547.95*			635.53*	669.75*		663.44*		665.42*		376.32*			
		542.87*			693.85*	691.47*		660.01*		710.14*		361.82*			
		519.58*			662.32*	652.75*		574.22*		693.63*		340.10*			
		493.64*			696.47*	713.93*		671.57*		733.05*		372.69*			
		456.28*			599.44*	522.68*		518.07*		562.67*		336.19*			
H	413.57*				598.85*		527.67*	539.03*				534.96*			
	489.24*				642.58*		645.92*	653.17*				548.53*			
	497.14*				657.12*		660.86*	666.39*				562.67*			
	490.60*				671.41*		660.98*	648.83*				559.36*			
	481.95*				622.83*		699.46*	654.75*				539.86*			
	471.42*				676.14*		663.35*	675.83*				568.35*			
	320.23*				433.09*		513.82*	493.64*				499.11*			
K					552.79*					588.83*	596.68*				
					642.38*					681.13*	729.46*				
					642.61*					690.95*	642.76*				
					711.76*					777.74*	776.83*				
					723.53*					783.05*	765.92*				
					687.45*					761.16*	741.10*				
					650.81*					651.11*	648.32*				
L		573.64*	579.48*			552.57*				615.53*		546.12*			
		686.27*	572.54*			649.83*				631.52*		533.54*			
		685.67*	599.64*			647.63*				662.24*		602.24*			
		662.17*	631.32*			674.31*				701.75*		654.45*			
		637.85*	649.35*			639.57*				691.25*		676.54*			
		638.57*	636.49*			665.26*				737.94*		701.11*			
		653.14*	605.28*			552.03*				574.15*		561.70*			
M			595.34*				597.46*		623.46*	612.17*				518.27*	
			761.42*				716.10*		664.37*	632.23*				612.74*	
			729.07*				704.39*		656.37*	651.41*				613.49*	
			775.23*				737.41*		631.68*	715.14*				634.13*	
			697.28*				676.81*		700.76*	681.26*				596.64*	
			713.23*				729.84*		709.25*	699.72*				575.62*	
			518.20*				607.48*		543.65*	538.76*				586.46*	
N				543.07*				630.52*	714.32*						
				678.76*				701.89*	734.32*						
				672.73*				712.15*	711.39*						
				696.89*				732.76*	778.14*						
				666.21*				704.28*	756.40*						
				690.18*				683.45*	738.67*						
				249.28*				584.79*	563.39*						
O					640.28*	604.74*				533.47*		569.24*			
					716.67*	680.93*				641.35*		637.44*			
					700.83*	685.84*				644.96*		645.82*			
					738.32*	660.96*				727.73*		683.53*			
					703.31*	629.87*				698.88*		632.39*			
					655.18*	627.64*				638.67*		599.22*			
					698.52*	682.89*				676.41*		492.87*			
P						557.94*									
						680.66*									
						677.42*									
						676.47*									
						699.78*									
						666.75*									
						682.65*									
Q							484.53*			338.36*					
							446.49*			418.75*					
							466.14*			418.65*					
							462.84*			426.17*					
							483.29*			417.19*					
							469.94*			398.99*					
							349.35*			246.99*					

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CASE 38

TMI-1 CY-2

YEAR 77 MONTH 02 DAY 10 HOUR 09 MINUTE 55 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPME)
2541.5	16422.	182.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.416	CORE OUTLET	2172.4	LOOP A INLET TEMP(1)	557.60
RC FLOW LOOP B	69.832	SECONDARY LOOP A	898.30	LOOP A INLET TEMP(2)	555.83
RC TOTAL FLOW	139.00	SECONDARY LOOP B	898.30	LOOP B INLET TEMP(1)	556.48
FEEDWATER FLOW LOOP A	5.3575			LOOP B INLET TEMP(2)	556.74
FEEDWATER FLOW LOOP B	5.2756			FEEDWATER (LOOP A)	456.96
LETDOWN FLOW	.24744E-01			FEEDWATER (LOOP B)	456.96
				REACTOR OUTLET (LOOP A)	601.67
				REACTOR OUTLET (LOOP B)	601.36
				STEAM TEMP(LOOP A)	595.61
				STEAM TEMP (LOOP B)	592.59

PODW

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.72%		99.75%		99.44%					
C					99.81%		4.59%		4.65%		100.00%				
D				42.71%		15.36%		99.78%		15.38%		82.83%			
E			99.84%		100.00%		99.81%		98.58%		98.76%		99.97%		
F		100.00%		35.12%		100.00%		82.71%		100.00%		15.30%		99.75%	
G			4.62%		99.74%		98.73%		99.72%		98.73%		4.65%		
H		99.88%		100.00%		42.74%		99.96%		92.64%		99.72%		99.81%	
K			3.63%		99.72%		99.81%		99.44%		98.78%		4.68%		
L		99.81%		14.37%		100.00%		82.58%		99.47%		15.27%		99.75%	
M			99.84%		99.75%		99.84%		1[illegible]		99.72%		99.96%		
N				82.86%		15.30%		100.00%		15.36%		82.68%			
O					99.72%		4.64%		4.56%		99.74%				
P						99.87%		99.84%		99.72%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPHDBC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							475.26*	479.81*							
							572.41*	595.41*							
							541.87*	569.18*							
							512.42*	559.92*							
							517.67*	586.58*							
							525.74*	577.99*							
							452.28*	436.26*							
C						593.15*			489.64*	589.14*			586.53*		
						621.98*			389.45*	617.80*			451.66*		
						591.16*			374.30*	639.16*			460.38*		
						639.78*			4[illegible].7*	649.72*			449.25*		
						676.27*			415.13*	626.25*			443.76*		
						638.22*			436.10*	660.41*			431.93*		
						444.44*			379.1[illegible]*	534.42*			[illegible]		
D					656.25*					[illegible]				358.63*	
					695.35*					416.76*				435.47*	
					669.47*					479.60*				425.57*	
					736.45*					649.22*				440.12*	
					719.6[illegible]*					674.[illegible]*				441.06*	
					714.84*					735.05*				416.63*	
					622.41*					534.70*				283.03*	
E			683.83*			611.25*		549.71*			659.75*				
			732.25*			719.14*		674.40*			782.23*				
			782.11*			672.35*		676.46*			642.35*				
			788.98*			675.22*		645.61*			678.67*				
			756.33*			696.29*		630.53*			676.07*				
			726.3[illegible]*			704.21*		6[illegible].12*			692.64*				
			568.10*			546.10*		571.10*			521.25*				
F		576.18*				561.64*	532.32*					675.44*	[illegible]		
		682.83*				672.88*	648.35*					652.25*	550.31*		
		591.64*				668.33*	703.52*					631.53*	528.7[illegible]*		
		652.57*				679.78*	691.61*					671.23*	517.75*		
		611.91*				649.46*	583.46*					691.53*	560.46*		
		629.45*				649.34*	710.03*					707.57*	579.17*		
		529.71*				534.49*	367.12*					551.31*	511.61*		
G	478.61*				618.65*	574.24*			577.16*		618.93*		[illegible]		
	545.06*				676.27*	665.42*			643.37*		681.61*		547.34*		
	549.50*				638.47*	674.46*			670.11*		672.8[illegible]*		575.37*		
	546.66*				693.63*	693.17*			663.71*		710.95*		567.[illegible]*		
	526.93*				668.73*	651.62*			631.40*		707.25*		544.31*		
	525.19*				639.46*	716.19*			667.64*		736.11*		[illegible]		
	467.93*				596.88*	523.60*			510.45*		564.36*		[illegible].60*		
H	483.18*				593.76*			544.53*	[illegible]				[illegible]		
	492.19*				655.46*			682.17*	6[illegible]				[illegible]		
	582.47*				662.47*			676.88*	673.33*				[illegible]		
	594.77*				672.81*			666.17*	658.36*				563.72*		
	499.77*				628.86*			683.96*	641.82*				546.93*		
	464.57*				673.96*			659.85*	678.98*				578.52*		
	380.62*				459.68*			511.07*	493.32*				388.69*		
K					599.44*						611.77*	678.44*			
					697.66*						696.57*	741.82*			
					647.41*						696.64*	698.62*			
					711.77*						723.35*	778.95*			
					729.81*						715.46*	773.85*			
					887.38*						766.88*	769.52*			
					655.76*						654.78*	606.84*			
		863.31*	987.48*			536.1[illegible]*					622.99*		483.36*		

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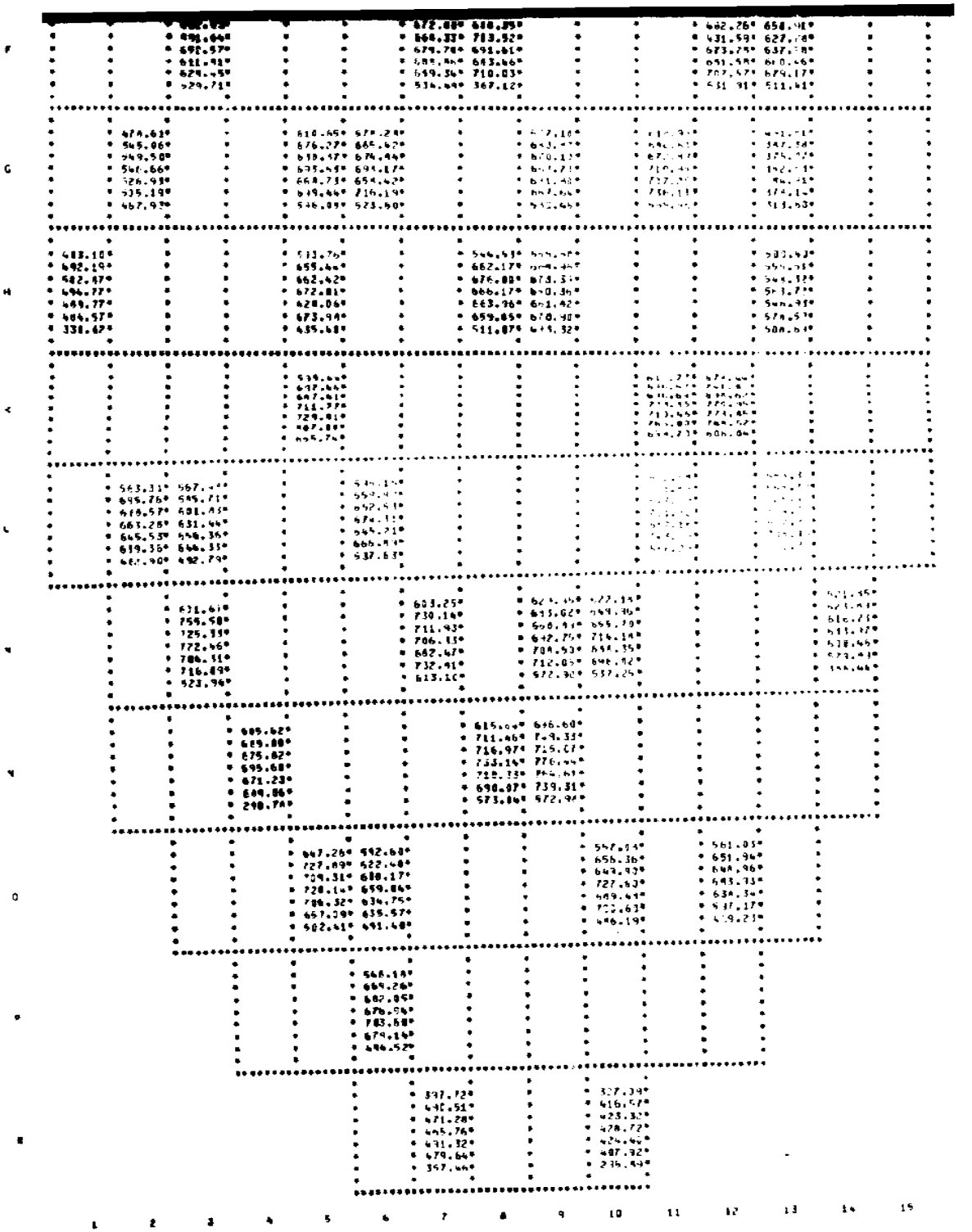

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CASE 39

TMI-1 CY-2

YEAR 77 MONTH 02 DAY 17 HOUR 11 MINUTE 00 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2527.1	16642.	182.00

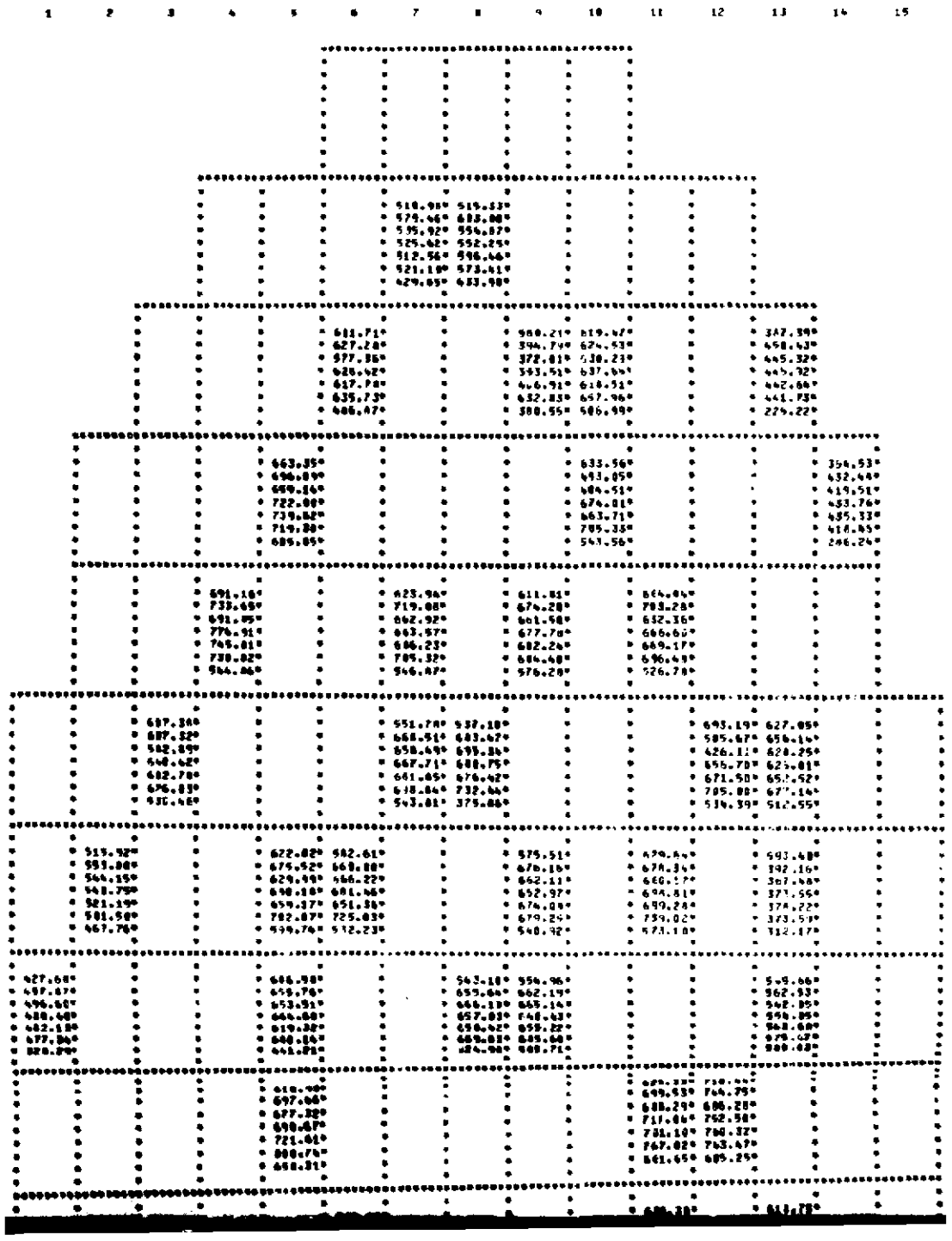
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.884	CORE OUTLET	2171.8	LOOP A INLET TEMP(1)	558.87
RC FLOW LOOP B	69.886	SECONDARY LOOP A	981.88	LOOP A INLET TEMP(2)	556.54
RC TOTAL FLOW	139.21	SECONDARY LOOP B	981.88	LOOP B INLET TEMP(1)	557.88
FEEDWATER FLOW LOOP A	5.3437			LOOP B INLET TEMP(2)	557.37
FEEDWATER FLOW LOOP B	5.2288			FEEDWATER (LOOP A)	457.37
LETDOWN FLOW	.24744E-01			FEEDWATER (LOOP B)	457.37
				REACTOR OUTLET (LOOP A)	601.92
				REACTOR OUTLET (LOOP B)	601.69
				STEAM TEMP(LOOP A)	595.89
				STEAM TEMP (LOOP B)	593.87

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.74%		99.76%					
C					99.76%		6.69%		6.73%		100.00%				
D				86.81%		16.41%		99.78%		15.27%		83.91%			
E			99.84%		100.61%		99.81%		98.67%		98.73%		99.84%		
F		100.00%		15.09%		100.00%		83.79%		100.00%		16.47%		99.75%	
G			6.72%		99.79%		98.73%		99.72%		98.73%		6.78%		
H		99.98%		100.00%		84.46%		99.36%		46.81%		39.69%		99.84%	
K			6.70%		99.69%		99.84%		99.84%		98.70%		6.78%		
L		99.61%		15.36%		100.00%		84.63%		99.87%		15.27%		99.75%	
M			99.91%		99.75%		99.44%		100.38%		99.69%		99.93%		
N				86.96%		15.27%		100.00%		14.44%		86.78%			
O					99.69%		6.84%		6.72%		99.74%				
P						99.87%		99.81%		99.72%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

CPHOBC



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
G															
H															
I															
J															
K															
L															
M															
N															
O															
P															
R															

CASE 40

TMI-1 CY-2

YEAR 77 MONTH 02 DAY 24 HOUR 18 MINUTE 48 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2924.1	16857.	149.00

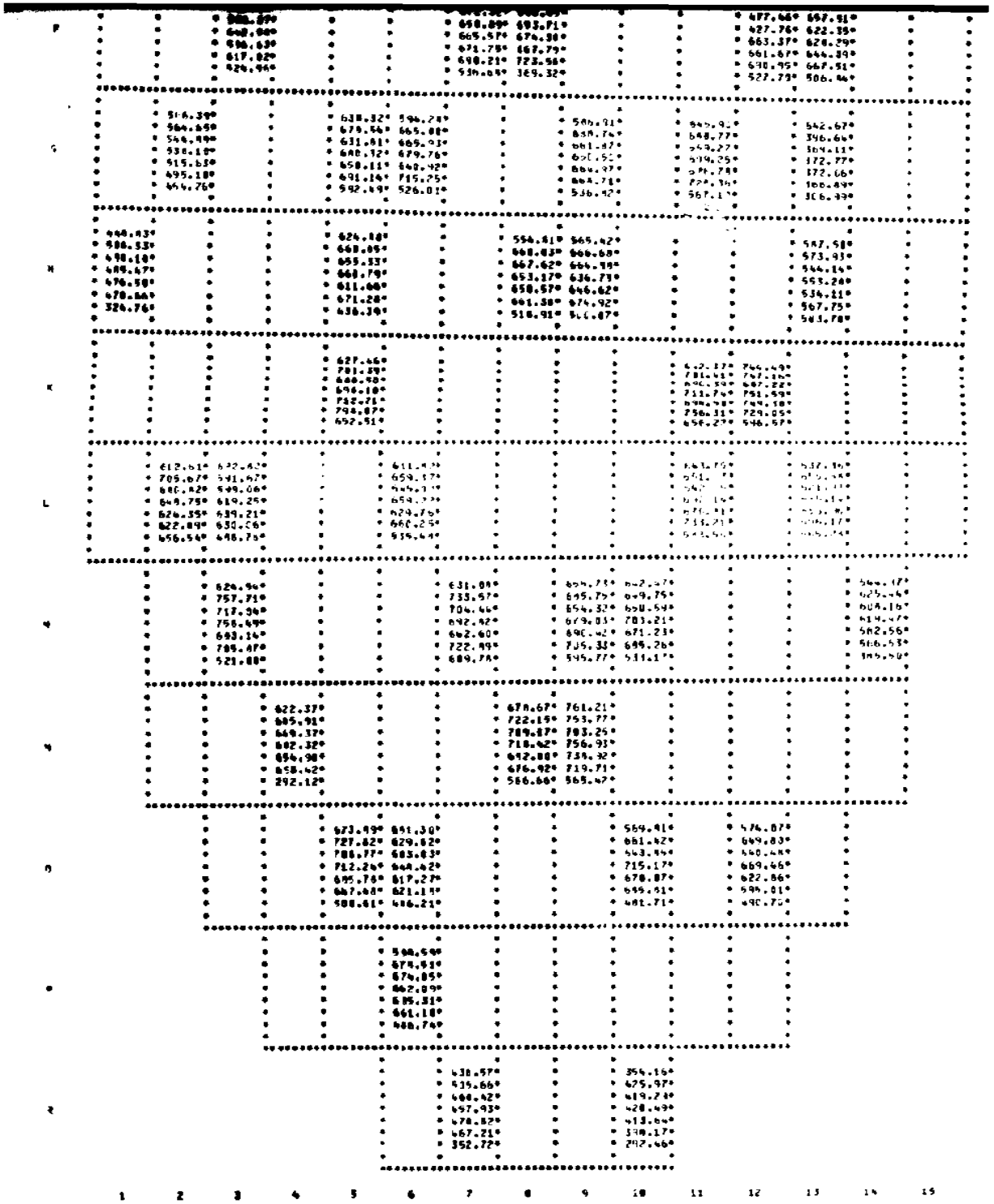
COOLANT FLOWS (LB/HR * E-06)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.611	CORE OUTLET	2178.1	LOOP A INLET TEMP(1)	558.06
RC FLOW LOOP B	69.563	SECONDARY LOOP A	895.78	LOOP A INLET TEMP(2)	556.21
RC TOTAL FLOW	139.23	SECONDARY LOOP B	895.78	LOOP B INLET TEMP(1)	557.33
FEEDWATER FLOW LOOP A	9.3374			LOOP B INLET TEMP(2)	557.18
FEEDWATER FLOW LOOP B	9.2183			FEEDWATER (LOOP A)	456.96
LETDOWN FLOW	.74063E-01			FEEDWATER (LOOP B)	456.96
				REACTOR OUTLET (LOOP A)	601.91
				REACTOR OUTLET (LOOP B)	601.61
				STEAM TEMP(LOOP A)	595.96
				STEAM TEMP (LOOP B)	595.21

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.81%					
C					99.78%		8.07%		8.94%		100.00%				
D				84.70%		15.33%		99.75%		15.2[illegible]		86.93%			
E			99.81%		100.00%		99.75%		98.67%		98.79%		99.84%		
F		100.00%		15.89%		100.00%		83.79%		100.00%		15.38%		99.75%	
G			8.89%		99.78%		98.73%		99.64%		98.78%		8.91%		
H		99.67%		100.00%		84.84%		99.93%		84.78%		99.6[illegible]		99.66%	
K			7.49%		99.69%		99.74%		99.84%		98.67%		8.91%		
L		99.78%		14.31%		100.00%		84.63%		99.84%		15.27%		99.75%	
M			99.61%		99.72%		99.61%		1.0[illegible]		99.69%		99.93%		
N				84.98%		[illegible].30%		100.00%		15.38%		94.75%			
O					99.66%		7.92%		8.65%		99.7[illegible]				
P						99.67%		99.81%		99.69%					
R															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						543.32*	547.18*								
						591.01*	618.94*								
						530.89*	557.94*								
						522.02*	551.00*								
						584.44*	598.22*								
						512.14*	545.92*								
						426.89*	436.68*								
C					637.45*			624.29*	646.46*				394.55*		
					629.43*			399.80*	626.83*				453.45*		
					588.46*			373.64*	613.47*				446.12*		
					620.16*			393.19*	630.51*				443.52*		
					686.92*			401.84*	689.88*				435.85*		
					629.24*			427.69*	647.57*				434.32*		
					482.92*			377.13*	581.24*				357.26*		
D				677.28*					651.11*					362.19*	
				592.83*					462.48*					435.79*	
				641.59*					467.37*					419.76*	
				723.09*					679.33*					438.66*	
				699.18*					694.11*					429.67*	
				787.78*					613.35*					412.25*	
				588.33*					534.84*					283.69*	
E				784.69*			648.36*		628.82*		676.49*				
				738.71*			724.25*		677.78*		700.35*				
				699.16*			684.13*		663.34*		635.55*				
				775.13*			662.05*		676.99*		666.13*				
				734.14*			676.75*		671.71*		658.25*				
				718.95*			695.82*		672.27*		695.68*				
				537.88*			548.88*		569.35*		519.43*				
F			632.62*				553.95*	545.46*				714.21*	654.07*		
			610.07*				672.32*	684.49*				477.46*	657.91*		
			586.47*				658.89*	693.71*				427.76*	622.15*		
			642.54*				665.57*	674.38*				663.37*	628.29*		
			596.63*				671.75*	687.79*				661.67*	644.89*		
			617.82*				698.21*	723.54*				698.95*	607.51*		
			526.94*				536.64*	369.32*				527.70*	506.84*		
G		546.39*			618.32*	594.24*			586.91*		645.9*		642.67*		
		564.65*			678.54*	665.88*			688.74*		648.77*		46.64*		
		546.49*			631.81*	665.93*			661.67*		647.27*		369.11*		
		536.13*			688.32*	679.76*			650.51*		699.25*		372.77*		
		515.63*			658.11*	648.92*			664.97*		676.75*		372.66*		
		499.18*			691.14*	715.25*			668.71*		779.36*		366.89*		
		454.76*			592.49*	526.01*			536.82*		567.13*		306.99*		
H	648.83*				624.48*			594.61*	565.42*				567.58*		
	588.53*				668.65*			668.88*	666.64*				573.93*		
	690.16*				689.33*			667.62*	664.98*				544.14*		
	685.67*				668.79*			653.17*	636.73*				553.28*		
	670.98*				681.66*			658.57*	648.62*				536.11*		
	678.64*				671.28*			641.38*	674.92*				567.75*		
	524.78*				686.39*			614.41*	640.87*				483.78*		
I					687.66*						642.27*	744.49*			
					781.39*						781.41*	747.18*			
					680.58*						696.39*	687.22*			
					696.18*						711.74*	751.59*			
					712.71*						694.58*	749.38*			
					798.87*						756.31*	729.85*			
					682.91*						658.22*	598.57*			
J						844.82*					643.75*		637.36*		
											651.87*		659.58*		



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CASE 41

TMI-1 CY-2

YEAR 77 MONTH 03 DAY 03 HOUR 13 MINUTE 19 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2504.0	17075.	123.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.312	CORE OUTLET	2170.1	LOOP A INLET TEMP(1)	558.29
RC FLOW LOOP B	69.534	SECONDARY LOOP A	898.50	LOOP A INLET TEMP(2)	556.64
RC TOTAL FLOW	138.90	SECONDARY LOOP B	898.50	LOOP B INLET TEMP(1)	557.54
FEEDWATER FLOW LOOP A	5.3282			LOOP B INLET TEMP(2)	557.57
FEEDWATER FLOW LOOP B	5.2674			FEEDWATER (LOOP A)	456.78
LETDOWN FLOW	.24793E-01			FEEDWATER (LOOP B)	456.78
				REACTOR OUTLET (LOOP A)	602.26
				REACTOR OUTLET (LOOP B)	601.99
				STEAM TEMP(LOOP A)	596.37
				STEAM TEMP (LOOP B)	593.55

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.96%					
C					99.70%		6.66%		6.75%		100.00%				
D				83.79%		15.38%		99.78%		15.38%		83.91%			
E			99.81%		100.00%		99.78%		98.63%		98.76%		99.86%		
F		100.00%		15.09%		100.00%		93.79%		99.79%		15.30%		99.75%	
G			6.70%		99.75%		98.73%		99.69%		99.70%		5.73%		
H		99.91%		100.00%		83.82%		99.93%		83.76%		99.69%		99.86%	
K			6.59%		99.89%		99.91%		99.81%		98.67%		5.76%		
L		99.81%		16.36%		100.00%		83.38%		99.87%		15.30%		99.75%	
M			99.91%		99.72%		99.86%		100.00%		99.69%		99.96%		
N				83.96%		15.27%		100.00%		15.30%		83.73%			
O					99.69%		4.68%		5.67%		99.74%				
P						99.47%		99.81%		99.69%					
Q															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNBOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]				671.67*	689.28*				672.16*	646.83*		
			654.70*				671.74*	707.88*				634.12*	632.69*		
			685.30*				690.10*	691.10*				678.92*	643.65*		
			613.71*				679.00*	675.81*				689.35*	652.11*		
			519.79*				674.36*	704.35*				697.39*	666.75*		
							524.97*	568.99*				521.51*	502.94*		
G		507.87*			618.38*	554.52*			540.70*		625.49*				
		555.54*			674.53*	664.01*			682.14*		575.91*		389.27*		
		557.44*			643.48*	674.87*			674.68*		672.71*		375.24*		
		553.86*			693.11*	694.08*			669.17*		715.54*		384.57*		
		526.32*			656.79*	646.73*			673.11*		656.91*		379.55*		
		496.82*			682.75*	704.14*			697.54*		719.54*		368.62*		
		463.90*			583.60*	514.88*			523.94*		559.46*		385.54*		
H	423.51*				603.09*			551.27*	561.94*				531.57*		
	581.16*				656.07*			662.32*	669.17*				568.24*		
	587.06*				667.68*			679.63*	678.52*				555.28*		
	499.26*				676.94*			668.83*	653.30*				567.03*		
	449.43*				617.08*			657.77*	652.41*				542.37*		
	473.97*				662.29*			649.22*	662.88*				567.26*		
	326.38*				429.38*			587.30*	488.38*				502.76*		
K					607.17*						625.23*	535.65*			
					696.22*						694.55*	732.84*			
					691.96*						702.43*	694.88*			
					714.98*						727.84*	770.67*			
					728.88*						699.13*	794.12*			
					789.73*						768.68*	721.34*			
					642.97*						643.25*	496.39*			
L		479.98*	553.75*			519.77*					637.61*		680.36*		
		645.13*	586.79*			654.37*					667.82*		666.88*		
		691.75*	689.58*			654.64*					653.29*		632.91*		
		682.84*	636.14*			676.67*					704.04*		701.307		
		634.21*	647.18*			535.57*					679.44*		654.80*		
		621.88*	628.69*			653.87*					726.32*		541.75*		
		493.61*	469.33*			528.17*					575.43*		560.19*		
M			684.82*				611.26*		637.22*	626.94*				526.02*	
			758.62*				728.71*		680.31*	646.21*				616.92*	
			729.22*				718.91*		667.41*	662.76*				614.57*	
			772.99*				789.84*		696.71*	719.21*				632.91*	
			688.58*				678.83*		697.15*	648.28*				589.22*	
			695.42*				716.34*		646.59*	680.43*				563.07*	
			512.57*				608.68*		584.14*	527.46*				381.68*	
N				685.95*				635.89*	713.80*						
				683.53*				711.45*	742.25*						
				688.67*				722.83*	716.98*						
				698.72*				735.69*	775.87*						
				662.19*				788.48*	747.51*						
				681.11*				672.44*	712.21*						
				205.84*				561.71*	556.22*						
O					651.68*	618.95*				551.55*		561.93*			
					728.26*	621.21*				654.73*		646.68*			
					712.75*	614.65*				655.73*		651.28*			
					727.85*	664.11*				712.78*		684.48*			
					693.66*	626.43*				677.39*		627.67*			
					639.62*	619.38*				641.54*		586.89*			
					443.47*	483.48*				476.33*		482.24*			
P						566.33*									
						668.93*									
						685.36*									
						677.81*									
						692.53*									
						659.66*									
						482.53*									
R							415.19*			338.42*					
							497.36*			419.45*					
							477.23*			477.15*					
							469.39*			458.53*					
							487.92*			414.64*					
							472.21*			398.62*					
							353.59*			241.26*					

CASE 42

TMI-1 CY-2

YEAR 77 MONTH 03 DAY 08 HOUR 14 MINUTE 38 REF EST

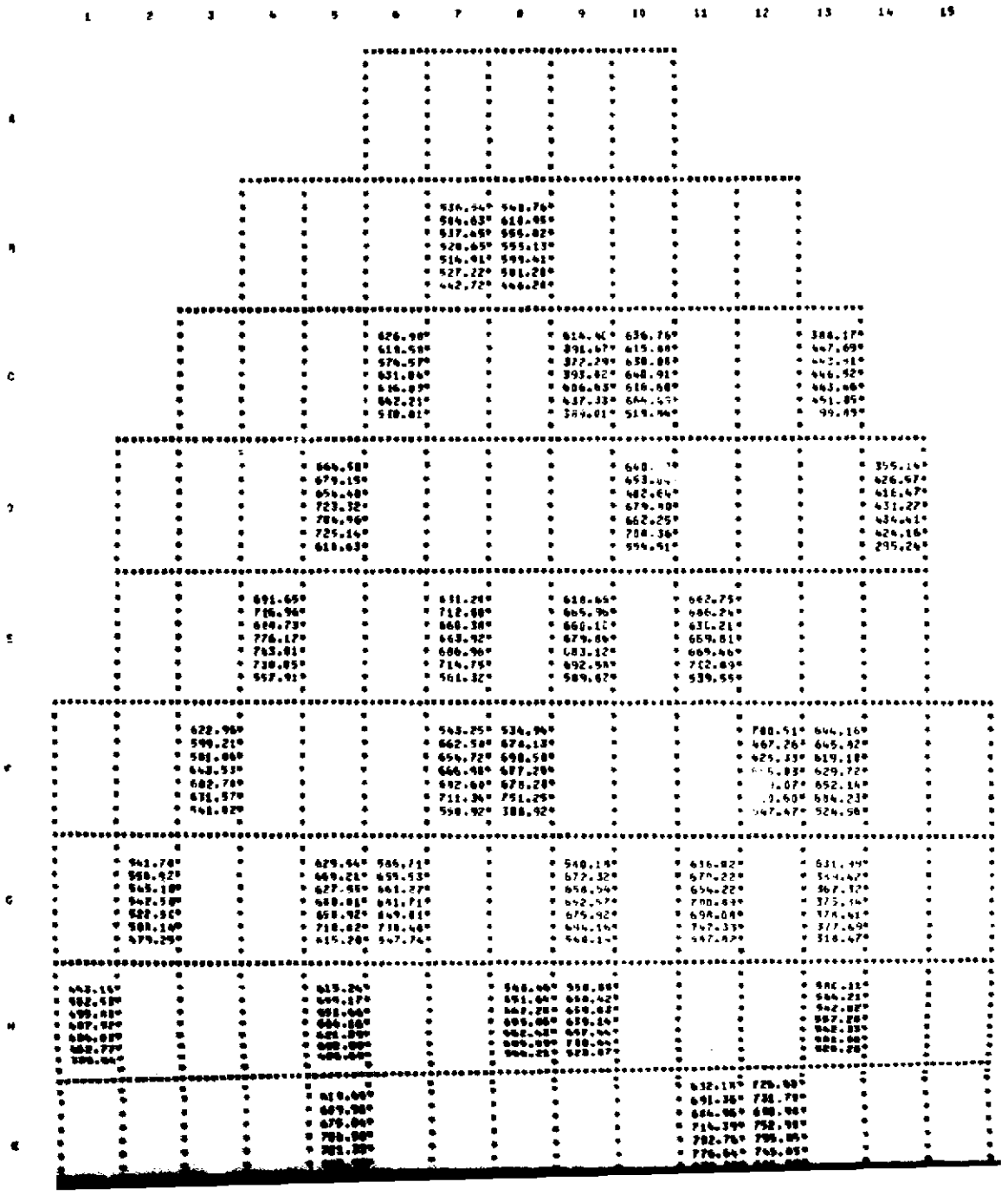
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2515.9	17229.	115.80

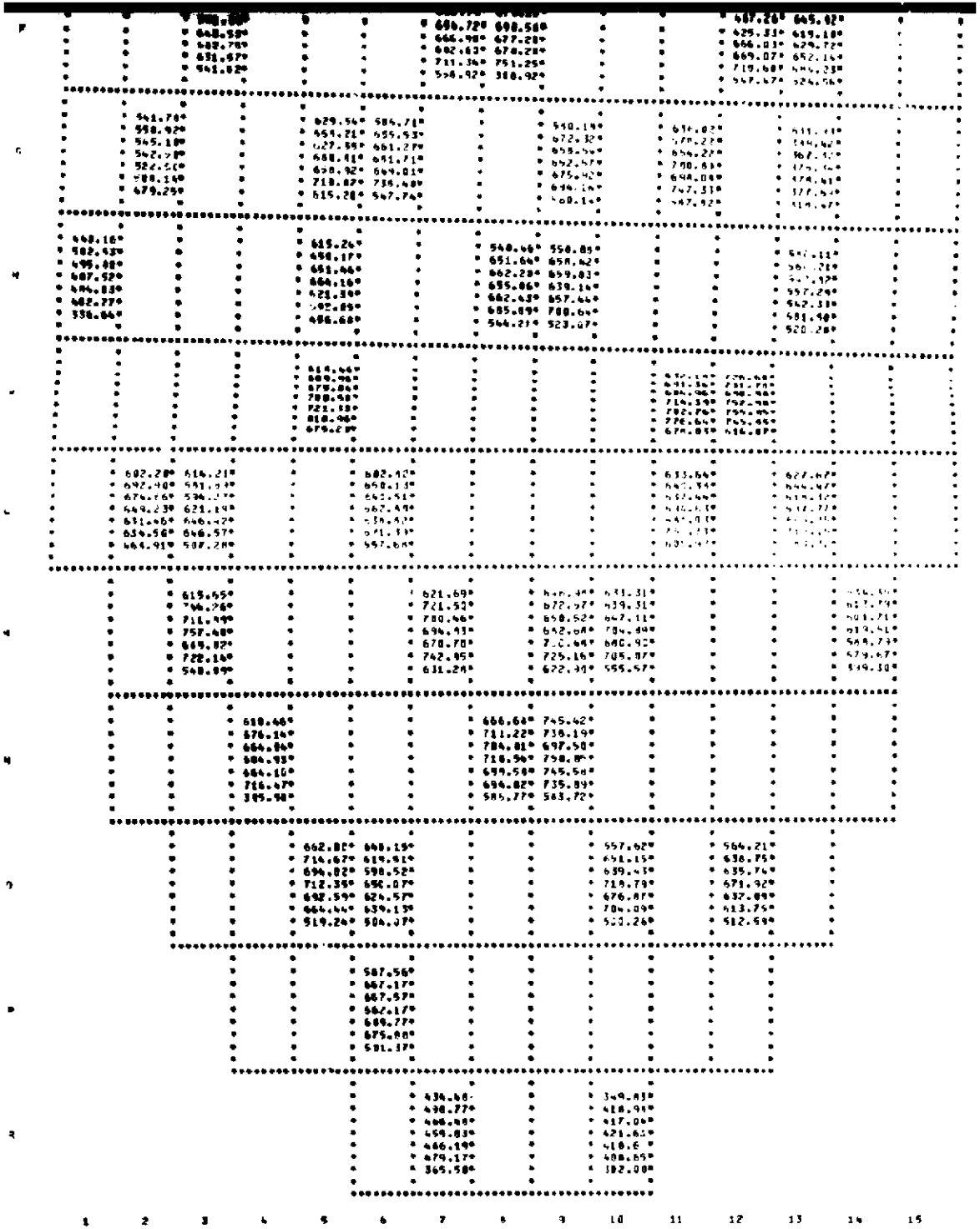
COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.246	CORE OUTLET	2169.6	LOOP A INLET TEMP(1)	558.51
RC FLOW LOOP B	69.598	SECONDARY LOOP A	893.78	LOOP A INLET TEMP(2)	557.87
RC TOTAL FLOW	138.96	SECONDARY LOOP B	893.78	LOOP B INLET TEMP(1)	557.60
FEEDWATER FLOW LOOP A	5.3343			LOOP B INLET TEMP(2)	557.73
FEEDWATER FLOW LOOP B	5.1936			FEEDWATER (LOOP A)	457.46
LETDOWN FLOW	.24744E-01			FEEDWATER (LOOP B)	457.46
				REACTOR OUTLET (LOOP A)	602.53
				REACTOR OUTLET (LOOP B)	602.19
				STEAM TEMP(LOOP A)	596.71
				STEAM TEMP (LOOP B)	593.74

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.84%					
C					99.72%		4.12%		8.94%		100.00%				
D				85.99%		15.38%		99.78%		14.38%		84.93%			
E			99.81%		100.00%		99.78%		98.70%		98.76%		99.81%		
F		100.00%		15.89%		100.00%		85.92%		99.70%		15.38%		99.69%	
G			8.85%		99.72%		98.78%		99.69%		98.78%		8.91%		
H		99.98%		100.00%		86.95%		99.98%		85.89%		99.69%		99.81%	
K			7.96%		99.69%		99.74%		99.41%		98.67%		8.96%		
L		99.70%		14.36%		100.00%		85.71%		99.84%		14.27%		99.75%	
M			99.81%		99.75%		99.78%		100.00%		99.69%		99.93%		
N				86.87%		15.38%		100.00%		15.71%		85.06%			
O					99.66%		7.99%		8.85%		99.79%				
P						99.84%		99.81%		99.69%					
R															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNBBC





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CASE 43

TMI-1 CY-2

YEAR 77 MONTH 03 DAY 09 HOUR 15 MINUTE 25 REF EST

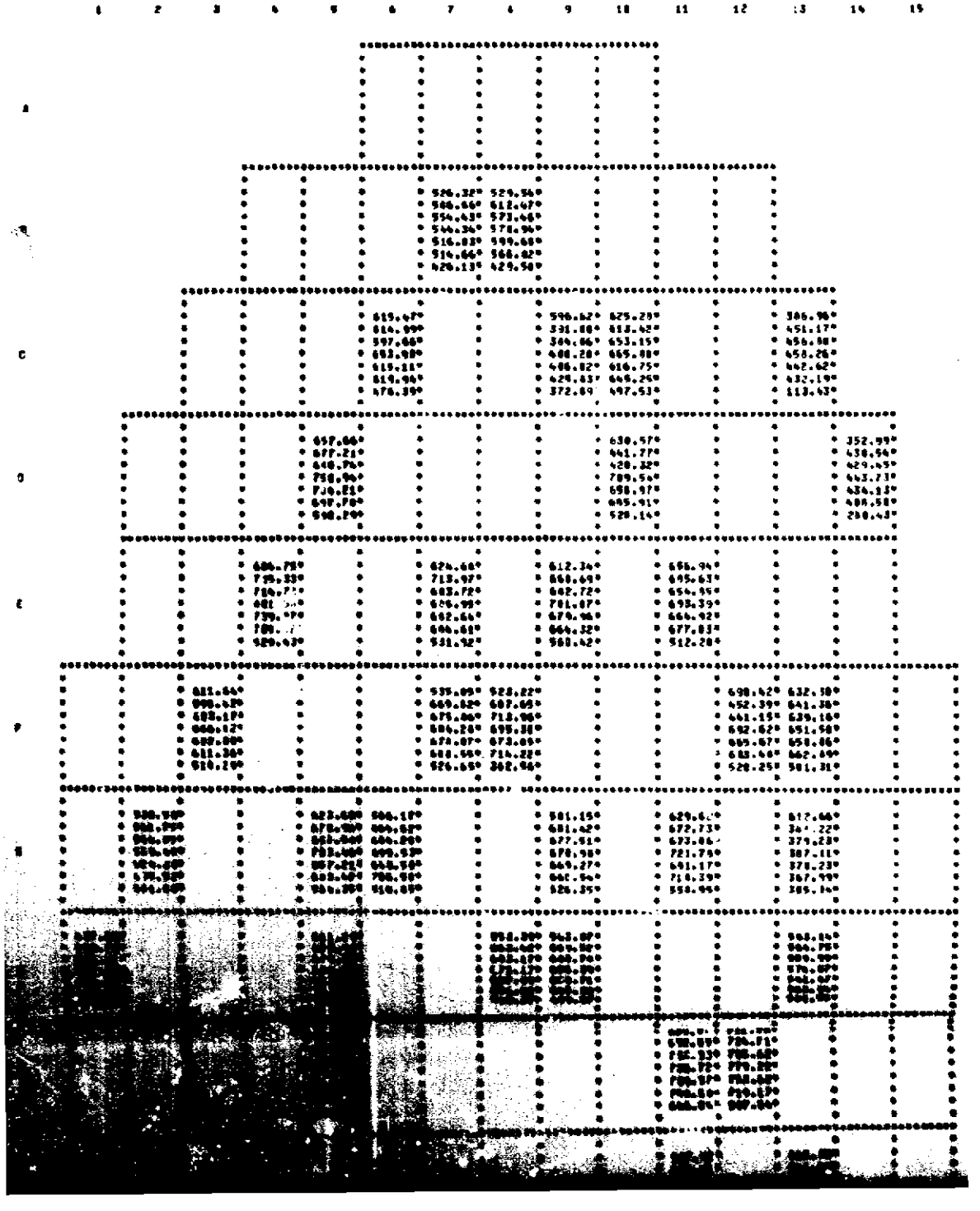
CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2515.8	17261.	115.88

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.294	CORE OUTLET	2178.7	LOOP A INLET TEMP(1)	558.34
RC FLOW LOOP B	69.535	SECONDARY LOOP A	896.38	LOOP A INLET TEMP(2)	556.78
RC TOTAL FLOW	138.86	SECONDARY LOOP B	896.38	LOOP B INLET TEMP(1)	557.41
FEEDWATER FLOW LOOP A	5.3669			LOOP B INLET TEMP(2)	557.48
FEEDWATER FLOW LOOP B	5.2387			FEEDWATER (LOOP A)	457.43
LETDOWN FLOW	.247-1E-01			FEEDWATER (LOOP B)	457.43
				REACTOR OUTLET (LOOP A)	602.33
				REACTOR OUTLET (LOOP B)	602.01
				STEAM TEMP(LOOP A)	596.38
				STEAM TEMP (LOOP B)	593.55

ROOM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.21%		99.74%		98.43%					
C					98.78%		7.41%		8.88%		99.87%				
D				[illegible]		15.33%		98.76%		14.49%		85.96%			
E			99.18%		94.25%		100.00%		96.78%		97.74%		99.83%		
F		98.83%		14.16%		99.57%		84.98%		99.69%		15.24%		98.48%	
G			9.12%		99.04%		99.96%		98.48%		98.81%		8.46%		
H		99.98%		98.88%		84.93%		100.00%		85.26%		98.82%		99.84%	
K			7.83%		99.94%		99.69%		98.13%		98.16%		8.78%		
L		98.46%		85.18%		100.00%		84.99%		99.63%		14.26%		98.28%	
M			99.49%		99.12%		99.15%		99.42%		98.73%		98.70%		
N				84.99%		14.76%		98.65%		15.89%		85.26%			
O					97.88%		7.44%		8.51%		98.63%				
P						98.49%		99.78%		98.31%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SPNOBC



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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			[illegible]			[illegible]	713.00*					602.30*	641.30*		
			[illegible]			664.20*	695.20*					461.18*	639.18*		
			[illegible]			678.87*	672.05*					692.62*	651.50*		
			611.30*			640.09*	716.22*					684.67*	660.06*		
			516.29*			526.64*	362.04*					683.48*	662.49*		
												525.25*	531.31*		
G		538.50*			625.00*	586.17*			581.15*	62 .62*			612.06*		
		561.79*			670.00*	664.02*			681.42*	672.73*			388.32*		
		864.05*			608.00*	684.25*			677.51*	673.86*			379.23*		
		959.60*			782.40*	699.53*			670.96*	721.79*			387.11*		
		824.20*			657.21*	848.50*			669.27*	671.17*			378.23*		
		495.02*			693.62*	786.50*			660.54*	718.34*			367.99*		
		461.00*			586.39*	816.05*			526.85*	558.95*			305.04*		
H	437.23*				611.29*			563.39*	563.07*				563.14*		
	485.71*				699.48*			663.62*	669.52*				564.75*		
	611.91*				676.32*			603.17*	681.76*				559.99*		
	581.15*				686.38*			678.17*	655.30*				576.02*		
	484.60*				617.44*			657.00*	658.71*				541.47*		
	471.94*				668.38*			693.08*	665.08*				565.64*		
	329.71*				480.30*			718.27*	699.87*				588.55*		
K					618.00*					625.00*	711.74*				
					692.07*					697.61*	724.71*				
					720.06*					718.03*	785.62*				
					720.70*					736.72*	779.22*				
					719.70*					788.57*	753.62*				
					780.04*					748.68*	719.17*				
					641.92*					666.66*	587.04*				
L		591.96*	681.32*			660.25*					627.92*		615.45*		
		648.58*	588.38*			655.39*					638.41*		641.63*		
		699.07*	617.58*			666.82*					671.64*		640.08*		
		667.12*	662.20*			681.14*					718.06*		710.31*		
		632.90*	646.88*			639.41*					678.36*		668.99*		
		646.60*	623.68*			653.93*					724.04*		692.81*		
		451.53*	482.97*			327.89*					573.69*		559.50*		
M			680.09*				617.48*		640.75*	627.72*				538.28*	
			767.90*				725.91*		676.29*	638.57*				617.68*	
			728.95*				726.89*		674.71*	672.20*				622.27*	
			782.05*				717.25*		706.80*	731.42*				637.57*	
			687.62*				668.49*		697.17*	679.99*				587.87*	
			496.74*				716.47*		696.28*	677.24*				560.67*	
			513.34*				699.76*		683.28*	526.96*				388.92*	
N				686.90*				668.20*	731.31*						
				801.29*				712.81*	735.72*						
				699.03*				738.32*	724.61*						
				736.57*				742.41*	786.02*						
				663.46*				697.17*	744.88*						
				687.10*				668.02*	756.94*						
				289.67*				958.69*	553.62*						
O					659.62*	684.20*				533.32*		561.74*			
					716.22*	618.59*				649.07*		646.94*			
					720.68*	623.14*				661.86*		656.37*			
					735.27*	672.96*				742.91*		698.56*			
					691.69*	824.18*				676.33*		626.13*			
					438.53*	815.95*				668.18*		587.73*			
					482.17*	488.98*				476.25*		497.62*			
P						579.37*									
						671.18*									
						891.49*									
						623.54*									
						698.82*									
						896.82*									
						681.61*									
R							626.71*			347.16*					
							984.16*			422.79*					
							681.87*			438.64*					
							674.39*			435.66*					
							687.88*			428.48*					
							668.48*			390.48*					
							363.48*			297.20*					

CASE 44

TMI-1 CY-2

YEAR 77 MONTH 03 DAY 16 HOUR 13 MINUTE 23 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2912.9	17473.	115.00

COOLANT FLOWS LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.368	CORE OUTLET	2169.2	LOOP A INLET TEMP(1)	558.51
RC FLOW LOOP B	69.631	SECONDARY LOOP A	895.48	LOOP A INLET TEMP(2)	556.86
RC TOTAL FLOW	139.89	SECONDARY LOOP B	895.48	LOOP B INLET TEMP(1)	557.84
FEEDWATER FLOW LOOP A	5.3326			LOOP B INLET TEMP(2)	557.81
FEEDWATER FLOW LOOP B	5.1918			FEEDWATER (LOOP A)	456.56
LETDOWN FLOW	.24663E-01			FEEDWATER (LOOP B)	456.56
				REACTOR OUTLET (LOOP A)	682.25
				REACTOR OUTLET (LOOP B)	681.96
				STEAM TEMP(LOOP A)	596.51
				STEAM TEMP (LOOP B)	593.76

POOR

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.4[illegible]%					
C					99.70%		8.85%		8.91%		100.00%				
D				85.69%		18.44%		99.75%		15.27%		86.81%			
E			99.81%		110.00%		99.81%		98.78%		98.76%		99.84%		
F		100.00%		16.20%		100.00%		85.92%		100.00%		16.44%		99.75%	
G			8.84%		99.75%		98.78%		99.69%		98.78%		8.91%		
H		99.98%		110.00%		85.95%		99.98%		86.91%		99.69%		99.84%	
K			7.86%		99.69%		99.84%		99.84%		98.64%		8.91%		
L		99.70%		15.30%		100.00%		86.76%		94.67%		16.38%		99.75%	
M			99.84%		99.75%		99.81%		110.81%		99.84%		99.96%		
N				86.87%		15.24%		100.00%		16.47%		85.83%			
O					99.69%		7.99%		8.85%		99.75%				
P						99.84%		99.78%		99.86%					
Q															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

SP=DOC

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B							449.39*	548.46*							
							592.42*	614.07*							
							533.60*	551.76*							
							516.82*	542.10*							
							585.29*	585.66*							
							518.79*	571.02*							
							439.93*	441.87*							
C						636.44*			626.38*	647.46*			395.19*		
						636.87*			680.10*	638.34*			451.78*		
						586.09*			367.81*	621.46*			435.13*		
						608.08*			381.38*	619.89*			438.48*		
						599.73*			396.40*	682.97*			427.69*		
						628.93*			428.72*	652.19*			437.85*		
						694.88*			386.63*	514.67*			694.07*		
D					677.89*					653.28*				361.86*	
					697.70*					492.19*				431.76*	
					649.16*					395.95*				411.28*	
					697.81*					649.50*				419.93*	
					646.27*					645.61*				424.64*	
					714.38*					696.88*				418.11*	
					619.62*					542.29*				243.27*	
E				785.59*			843.66*		631.94*		676.94*				
				735.71*			725.99*		677.43*		784.35*				
				696.26*			651.14*		658.97*		618.14*				
				746.34*			641.98*		656.09*		642.64*				
				722.14*			667.52*		663.83*		665.66*				
				726.18*			782.78*		679.16*		698.48*				
				993.82*			956.76*		585.46*		535.48*				
F			639.06*				561.26*	549.93*				716.71*	654.47*		
			619.67*				678.83*	687.14*				514.18*	564.46*		
			572.92*				646.61*	684.43*				417.69*	611.89*		
			628.28*				649.57*	663.88*				631.30*	686.78*		
			586.58*				665.81*	668.82*				651.71*	635.71*		
			619.67*				781.85*	743.82*				697.55*	678.89*		
			536.14*				556.88*	398.46*				541.28*	518.58*		
G		568.88*			662.38*	599.52*			591.37*		649.80*		640.65*		
		564.98*			681.28*	643.53*			677.17*		634.59*		397.96*		
		548.19*			617.52*	653.35*			656.60*		649.21*		383.64*		
		529.43*			656.58*	662.57*			638.69*		678.32*		361.99*		
		511.85*			641.69*	634.10*			668.17*		678.41*		368.74*		
		499.44*			697.51*	726.62*			684.91*		735.07*		371.57*		
		676.18*			689.39*	544.94*			568.88*		593.62*		316.13*		
H	489.71*				627.98*			559.35*	569.88*				548.78*		
	585.64*				680.45*			657.32*	664.85*				572.90*		
	493.93*				663.31*			656.99*	654.52*				587.15*		
	477.92*				666.48*			641.67*	629.42*				542.86*		
	471.05*				684.21*			667.11*	648.36*				528.52*		
	478.25*				688.77*			676.18*	632.29*				571.68*		
	884.91*				686.78*			968.07*	528.82*				946.15*		
K					832.12*						844.82*	739.77*			
					783.09*						783.67*	758.39*			
					686.87*						676.82*	678.73*			
					670.23*						693.83*	724.48*			
					782.83*						694.38*	736.91*			
					684.24*						766.39*	731.32*			
					678.78*						671.95*	688.36*			
											648.79*		630.73*		

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
F			685.8*				678.8*	687.16*			716.31*	694.67*			
			678.5*				646.61*	684.43*			619.18*	664.66*			
			621.23*				649.57*	668.88*			617.83*	611.89*			
			596.90*				669.81*	668.83*			631.30*	686.78*			
			619.87*				701.85*	763.82*			651.71*	635.71*			
			836.16*				956.49*	398.66*			697.55*	678.49*			
											541.25*	519.55*			
G		558.8*			642.39*	599.62*			591.37*		648.80*		648.65*		
		585.9*			681.28*	661.53*			677.17*		644.59*		347.96*		
		560.14*			617.52*	653.35*			692.90*		649.21*		363.64*		
		5[illegible].43*			546.50*	662.57*			614.17*		678.37*		161.99*		
		511.89*			641.49*	636.18*			658.17*		674.41*		168.74*		
		519.46*			647.51*	724.52*			684.71*		735.07*		171.57*		
		674.18*			639.39*	566.34*			560.80*		693.62*		114.13*		
H	658.71*				627.98*			559.35*	569.88*				588.78*		
	589.64*				668.65*			657.32*	666.85*				572.90*		
	643.43*				643.31*			656.98*	654.82*				537.15*		
	677.52*				649.42*			641.67*	625.62*				542.66*		
	671.85*				684.21*			647.11*	642.34*				528.42*		
	673.25*				688.77*			676.13*	692.29*				571.35*		
	336.91*				693.72*			569.57*	523.02*				514.14*		
K					632.12*						664.67*	739.77*			
					783.89*						783.67*	756.39*			
					664.67*						676.82*	678.73*			
					679.23*						693.03*	724.68*			
					782.45*						694.34*	716.91*			
					804.24*						766.39*	731.37*			
					670.78*						673.95*	685.46*			
L		612.79*	625.26*			516.27*					597.73*		572.73*		
		701.21*	597.54*			653.12*					596.14*		512.74*		
		665.87*	586.56*			538.71*					517.44*		511.30*		
		629.66*	598.67*			641.43*					596.[illegible]		596.[illegible]		
		612.53*	629.35*			623.07*					641.77*		572.71*		
		621.59*	632.91*			678.34*					714.54*		700.53*		
		463.44*	501.61*			553.62*					610.77*		577.46*		
N			626.46*				635.48*		660.30*	647.74*					563.13*
			798.28*				735.78*		556.11*	658.79*					620.52*
			788.89*				631.75*		641.65*	638.11*					594.68*
			735.46*				672.41*		664.62*	641.93*					601.72*
			671.59*				652.45*		642.58*	663.41*					572.19*
			789.22*				729.14*		714.57*	632.16*					596.06*
			535.12*				626.66*		687.86*	551.42*					399.44*
M				724.63*				678.85*	759.36*						
				687.42*				721.53*	757.14*						
				694.82*				695.25*	684.39*						
				663.69*				698.32*	726.26*						
				646.78*				682.28*	724.10*						
				787.48*				681.68*	714.63*						
				586.34*				578.96*	574.24*						
O					674.63*	653.35*				591.35*		575.46*			
					727.89*	635.48*				668.98*		647.71*			
					682.71*	592.12*				631.65*		527.13*			
					648.18*	626.84*				592.44*		651.23*			
					672.37*	604.87*				661.98*		613.57*			
					652.84*	625.46*				648.72*		584.94*			
					514.46*	699.96*				596.36*		527.75*			
P						596.58*									
						675.08*									
						659.66*									
						644.44*									
						673.46*									
						661.71*									
						495.33*									
R							441.71*			355.69*					
							548.77*			423.52*					
							463.07*			411.26*					
							491.89*			411.93*					
							476.12*			478.84*					
							471.63*			428.51*					
							362.21*			299.18*					

CASE 45

TMI-1 CY-2

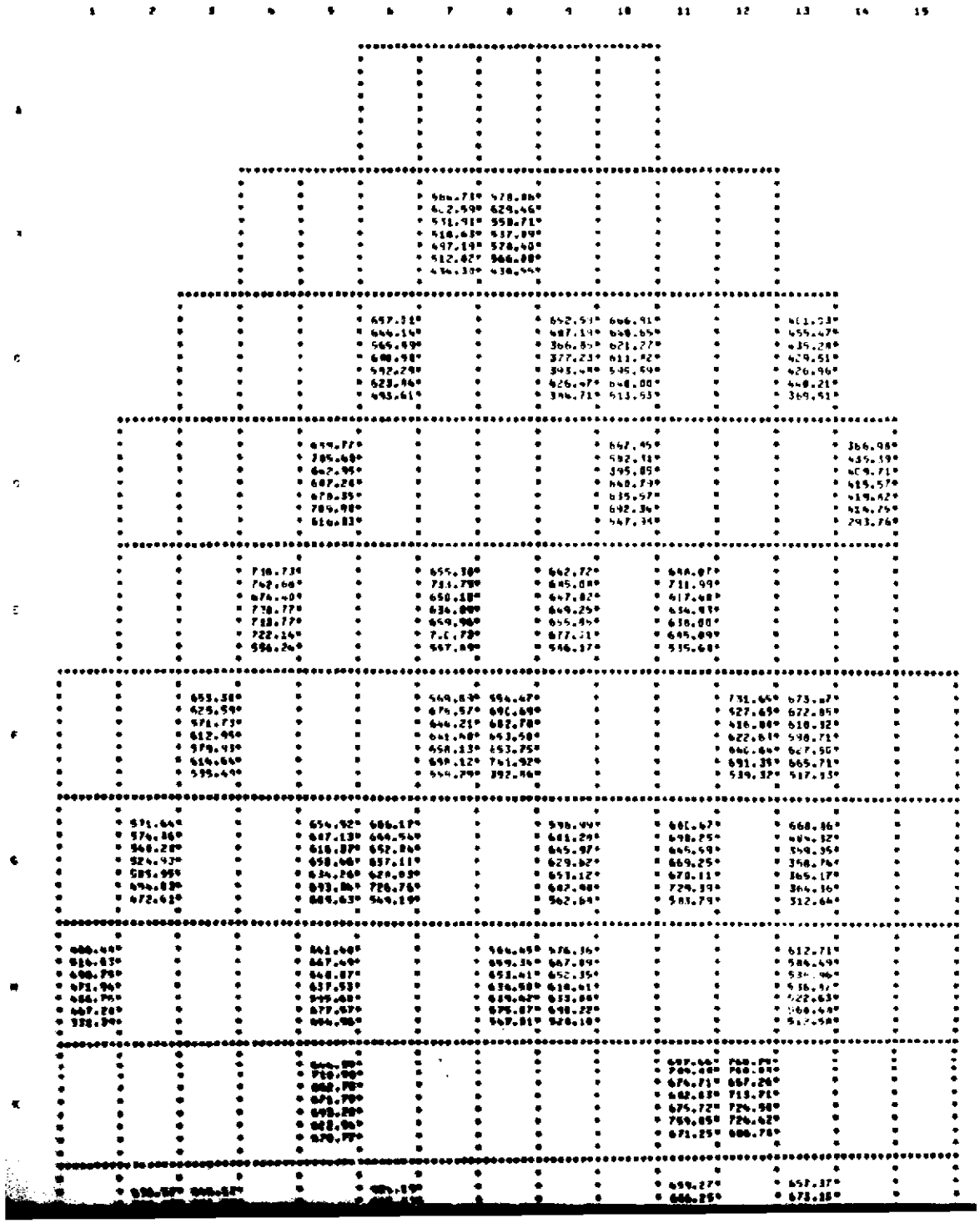
YEAR 77 MONTH 03 DAY 18 HOUR 21 MINUTE 22 REF EST

CORE POWER (MWT)	CORE AVG BURNUP (MWD/MTU)	CORE BORON CONC (PPMB)
2528.0	17545.	115.00

COOLANT FLOWS (LB/HR * E-6)		PRESSURE (PSIA)		COOLANT TEMPERATURES DEGREES F	
RC FLOW LOOP A	69.696	CORE OUTLET	2171.9	LOOP A INLET TEMP(1)	557.71
RC FLOW LOOP B	69.862	SECONDARY LOOP A	898.78	LOOP A INLET TEMP(2)	556.05
RC TOTAL FLOW	139.00	SECONDARY LOOP B	898.78	LOOP B INLET TEMP(1)	556.85
FEEDWATER FLOW LOOP A	5.3361			LOOP B INLET TEMP(2)	556.94
FEEDWATER FLOW LOOP B	5.2847			FEEDWATER (LOOP A)	456.75
LETDOWN FLOW	.24841E-01			FEEDWATER (LOOP B)	456.75
				REACTOR OUTLET (LOOP A)	601.26
				REACTOR OUTLET (LOOP B)	608.97
				STEAM TEMP(LOOP A)	595.27
				STEAM TEMP (LOOP B)	592.52

P006

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A															
B						99.69%		99.75%		99.84%					
C					99.78%		8.42%		8.94%		100.00%				
D				87.03%		16.44%		99.75%		16.36%		87.06%			
E			99.84%		100.00%		99.78%		98.78%		98.79%		99.84%		
F		100.00%		16.20%		100.00%		46.97%		100.11%		16.44%		99.75%	
G			8.95%		99.69%		98.73%		99.69%		98.78%		8.91%		
H		99.93%		100.00%		47.00%		99.96%		86.02%		99.72%		99.84%	
I			8.91%		99.69%		99.81%		99.81%		98.73%		10.05%		
L		94.78%		15.30%		100.00%		87.04%		99.94%		16.38%		99.78%	
M			99.44%		99.72%		99.91%		100.00%		99.69%		99.96%		
N				87.12%		15.27%		100.00%		16.44%		86.91%			
O					99.69%		9.00%		9.93%		99.78%				
P						99.87%		99.81%		99.66%					
R															



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			512.[illegible]				648.60*	693.58*				622.83*	598.71*		
			570.93*				658.13*	683.35*				660.66*	627.65*		
			616.66*				590.12*	741.92*				691.36*	664.71*		
			536.69*				559.79*	392.46*				539.32*	517.93*		
3		571.66*			654.92*	686.17*			596.94*		686.47*		668.46*		
		576.66*			647.15*	664.96*			681.24*		698.25*		404.12*		
		568.20*			616.37*	652.84*			665.97*		645.69*		354.05*		
		526.49*			650.46*	657.11*			629.67*		669.25*		318.74*		
		585.95*			636.26*	624.03*			653.12*		676.11*		365.12*		
		594.03*			693.06*	726.76*			642.90*		729.59*		364.56*		
		472.61*			689.63*	569.19*			562.64*		585.74*		312.64*		
2	486.45*				661.64*			564.45*	576.36*				632.71*		
	514.63*				667.69*			659.34*	667.09*				504.49*		
	498.75*				640.07*			653.41*	652.35*				534.96*		
	671.94*				637.53*			636.58*	618.41*				536.47*		
	660.78*				585.68*			639.42*	633.86*				522.63*		
	487.28*				677.67*			675.87*	698.22*				568.45*		
	530.34*				494.96*			547.81*	528.18*				512.58*		
1					646.35*						657.46*	760.76*			
					710.50*						709.48*	760.84*			
					642.74*						674.71*	667.26*			
					671.76*						682.61*	718.71*			
					593.78*						675.72*	726.58*			
					672.94*						764.86*	[illegible]			
					679.72*						671.25*	686.76*			
0		610.57*	646.13*			626.19*					655.27*		657.1[illegible]*		
		709.67*	686.35*			665.21*					686.25*		673.1[illegible]*		
		466.10*	596.28*			627.64*					675.71*		609.61*		
		623.80*	592.24*			639.71*					660.74*		657.76*		
		617.67*	622.59*			615.85*					652.44*		646.76*		
		626.60*	627.50*			666.27*					734.52*		695.28*		
		462.41*	581.52*			554.94*					450.20*		579.12*		
1			648.28*				647.44*		672.06*	658.46*				546.64*	
			709.25*				743.23*		634.23*	665.35*				626.70*	
			640.48*				689.79*		638.58*	635.39*				592.28*	
			725.48*				663.02*		658.18*	672.90*				595.93*	
			663.58*				645.78*		672.41*	656.86*				566.18*	
			700.95*				724.53*		739.44*	637.24*				563.48*	
			534.77*				626.26*		606.39*	550.12*				395.42*	
2				635.66*				649.45*	741.25*						
				692.94*				731.06*	766.14*						
				653.66*				692.92*	691.34*						
				686.36*				689.15*	717.34*						
				699.69*				672.18*	714.46*						
				709.35*				676.18*	728.98*						
				307.57*				578.37*	578.78*						
3					687.89*	672.12*				618.14*		681.37*			
					736.82*	665.27*				678.66*		652.39*			
					681.92*	589.14*				629.60*		625.13*			
					668.42*	628.54*				645.66*		646.55*			
					664.43*	608.62*				657.38*		607.14*			
					668.34*	618.29*				644.35*		621.33*			
					516.71*	497.73*				491.19*		586.79*			
4						619.27*									
						668.91*									
						659.89*									
						639.62*									
						665.87*									
						656.62*									
						692.66*									
5							694.68*			365.65*					
							512.63*			679.16*					
							661.94*			612.36*					
							646.35*			694.59*					
							659.26*			606.80*					
							486.75*			346.94*					
							389.66*			237.18*					