

U.S. Nuclear Waste Technical Review Board

Nuclear Waste System for Technical Evaluation (NUWASTE)

Plant Data as of December 2009

Site	Unit	Type	MWt	MWe	BOL	EOL	Core Size	Pool Size	Wet Storage Status at the End of 2009		Dry Storage Status at the End of 2009		
									Assem	MTU	Casks	Assem	MTU
Arkansas Nuclear One					Arkansas					49	1,248	542.3	
	1	PWR	2,568	836	1974	2033	177	941	745	345.0	Operating	Extended	
	2	PWR	3,026	998	1980	2039	177	937	756	320.0	Operating	Extended	
Beaver Valley					Pennsylvania					0	0	0.0	
	1	PWR	2,900	849	1976	2035	157	1,627	1,226	566.0	Operating	Extended	
	2	PWR	2,900	832	1987	2046	157	1,088	894	413.0	Operating	Extended	
Big Rock Point					Michigan					7	441	57.9	
	1	BWR	201	67	1963	1997	0	0	0	0.0	Shutdown	Not Submitted	
Braidwood					Illinois					0	0	0.0	
	1	PWR	3,587	1,178	1988	2027	193	1,486	1,166	492.0	Operating	Not Submitted	
	2	PWR	3,587	1,152	1988	2027	193	1,486	1,166	492.0	Operating	Not Submitted	
Browns Ferry					Alabama					10	680	128.8	
	1	BWR	3,458	1,065	1974	2033	764	3,486	3,072	553.0	Operating	Extended	
	2	BWR	3,458	1,118	1975	2034	764	3,486	3,071	553.0	Operating	Extended	
	3	BWR	3,458	1,114	1977	2036	764	3,471	2,008	363.8	Operating	Extended	
Brunswick					North Carolina					0	0	0.0	
	1	BWR	2,923	938	1977	2036	560	3,668	1,878	376.0	Operating	Extended	
	2	BWR	2,923	937	1975	2034	560	4,152	2,067	408.0	Operating	Extended	
Byron					Illinois					0	0	0.0	
	1	PWR	3,587	1,164	1985	2024	193	1,478	1,270	537.0	Operating	Not Submitted	
	2	PWR	3,587	1,136	1987	2026	193	1,477	1,269	536.0	Operating	Not Submitted	
Callaway					Missouri					0	0	0.0	
	1	PWR	3,565	1,190	1984	2023	193	2,642	1,492	635.0	Operating	Not Submitted	
Calvert Cliffs					Maryland					54	1,344	516.2	
	1	PWR	2,700	873	1975	2034	217	915	799	314.0	Operating	Extended	
	2	PWR	2,700	862	1977	2036	217	915	799	313.0	Operating	Extended	
Catawba					South Carolina					8	192	81.4	
	1	PWR	3,411	1,129	1985	2044	193	1,419	1,220	546.0	Operating	Extended	
	2	PWR	3,411	1,129	1986	2045	193	1,418	1,216	541.0	Operating	Extended	

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									Assem	MTU	Casks	Assem	MTU	
Clinton					Illinois							0	0	0.0
	1	BWR	3,473	1,043	1987	2026	624	4,060	2,494	452.0	Operating	Not Submitted		
Columbia					Washington							22	1,496	268.2
	1	BWR	3,486	1,131	1984	2023	764	2,654	1,872	325.0	Operating	Not Submitted		
Comanche Peak					Texas							0	0	0.0
	1	PWR	3,458	1,150	1990	2029	193	1,687	1,023	431.0	Operating	Not Submitted		
	2	PWR	3,458	1,150	1993	2032	193	1,686	1,022	431.0	Operating	Not Submitted		
Cook					Michigan							0	0	0.0
	1	PWR	3,304	1,029	1975	2034	193	1,807	1,532	674.0	Operating	Extended		
	2	PWR	3,468	1,077	1978	2037	193	1,806	1,531	673.0	Operating	Extended		
Cooper Station					Nebraska							0	0	0.0
	1	BWR	2,381	760	1974	2013	548	3,705	2,142	386.0	Operating	Submitted		
Crystal River					Florida							0	0	0.0
	3	PWR	2,609	838	1977	2016	177	1,474	1,129	529.0	Operating	Submitted		
Davis_Besse					Ohio							3	72	33.9
	1	PWR	2,772	889	1978	2017	177	1,624	1,013	480.0	Operating	Not Submitted		
Diablo Canyon					California							8	256	117.8
	1	PWR	3,411	1,122	1985	2024	193	1,324	1,113	477.0	Operating	Not Submitted		
	2	PWR	3,411	1,118	1986	2025	193	1,324	1,114	482.0	Operating	Not Submitted		
Dresden					Illinois							45	2,963	482.1
	2	BWR	2,957	867	1970	2029	724	3,536	2,772	477.0	Operating	Extended		
	3	BWR	2,957	867	1971	2030	724	3,534	2,810	489.0	Operating	Extended		
Duane Arnold					Iowa							8	488	91.2
	1	BWR	1,912	581	1975	2014	368	2,411	2,011	361.0	Operating	Submitted		
Enrico Fermi					Michigan							0	0	0.0
	2	BWR	3,430	1,122	1988	2027	764	3,588	2,715	477.0	Operating	Not Submitted		
Farley					Alabama							5	160	73.5
	1	PWR	2,775	851	1977	2036	157	1,407	1,243	549.0	Operating	Extended		
	2	PWR	2,775	860	1981	2040	157	1,407	1,227	543.0	Operating	Extended		
Fitzpatrick					New York							11	748	140.3
	1	BWR	2,536	852	1975	2034	560	3,108	2,498	448.0	Operating	Extended		
Fort Calhoun					Nebraska							4	128	46.6
	1	PWR	1,500	476	1973	2032	133	1,083	922	337.0	Operating	Extended		
Ginna					New York							0	0	0.0
	1	PWR	1,775	498	1970	2029	121	1,321	1,195	436.0	Operating	Extended		

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Grand Gulf					Mississippi							10	680	124.8
	1	BWR	3,898	1,266	1985	2024	800	4,331	3,480	613.0	Operating	Not Submitted		
Haddam Neck					Connecticut							40	1,019	412.3
	1	PWR	1,680	560	1968	1996	0	0	0	0.0	Shutdown	Not Submitted		
Harris					North Carolina							0	0	0.0
	1	PWR	2,900	900	1987	2046	157	3,080	4,126	1,107.0	Operating	Extended		
Hatch					Georgia							29	1,972	363.9
	1	BWR	2,804	876	1975	2034	560	3,013	2,722	489.0	Operating	Extended		
	2	BWR	2,804	883	1979	2038	560	3,013	2,721	488.0	Operating	Extended		
Hope Creek					New Jersey							3	204	37.8
	1	BWR	3,840	1,061	1986	2025	764	4,006	3,223	581.0	Operating	Not Submitted		
Humboldt Bay					California							5	390	28.9
	1	BWR	189	63	1976	1988	0	0	0	0.0	Shutdown	Not Submitted		
Indian Point					New York							7	224	101.5
	2	PWR	3,216	1,020	1974	2013	193	1,374	1,176	535.0	Operating	Submitted		
	3	PWR	3,216	1,025	1976	2015	193	1,345	125	513.0	Operating	Submitted		
Kewaunee					Wisconsin							2	64	25.1
	1	PWR	1,772	556	1974	2013	121	1,196	1,065	412.0	Operating	Submitted		
La Crosse					Wisconsin							4	333	38.0
	1	BWR	144	48	1969	1987	0	0	0	0.0	Shutdown	Not Submitted		
LaSalle					Illinois							0	0	0.0
	1	BWR	3,489	1,118	1984	2023	764	3,835	3,143	566.0	Operating	Not Submitted		
	2	BWR	3,489	1,120	1984	2023	764	3,834	3,142	565.0	Operating	Not Submitted		
Limerick					Pennsylvania							0	0	0.0
	1	BWR	3,458	1,134	1986	2025	764	3,687	3,237	578.0	Operating	Not Submitted		
	2	BWR	3,458	1,134	1990	2029	764	3,686	3,237	578.0	Operating	Not Submitted		
Maine Yankee					Maine							60	1,434	542.3
	1	PWR	2,700	900	1972	1996	0	0	0	0.0	Shutdown	Not Submitted		
McGuire					North Carolina							38	1,070	479.8
	1	PWR	3,411	1,100	1981	2040	193	1,236	1,202	536.0	Operating	Extended		
	2	PWR	3,411	1,100	1984	2043	193	1,229	870	395.0	Operating	Extended		
Millstone					Connecticut							8	256	97.9
	2	PWR	2,700	882	1975	2034	217	1,339	1,096	436.0	Operating	Extended		
	3	PWR	3,411	1,155	1986	2045	193	1,689	946	434.0	Operating	Extended		

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Monticello					Minnesota							0	0	0.0
	1	BWR	1,775	572	1971	2030	484	3,310	1,907	332.0	Operating	Extended		
Morris					Illinois							0	0	0.0
	1	BWR	0	0	1965	2025	0	3,300	3,217	674.0	Operating	Not Submitted		
Nine Mile Point					New York							0	0	0.0
	1	BWR	1,850	621	1969	2028	532	3,910	3,160	566.0	Operating	Extended		
	2	BWR	3,467	1,140	1988	2047	764	4,000	2,791	489.0	Operating	Extended		
North Anna					Virginia							28	896	412.8
	1	PWR	2,893	924	1978	2037	157	869	780	362.0	Operating	Extended		
	2	PWR	2,893	910	1980	2039	157	868	779	361.0	Operating	Extended		
Oconee					South Carolina							82	1,944	901.3
	1	PWR	2,568	846	1973	2032	177	775	681	318.0	Operating	Extended		
	2	PWR	2,568	846	1974	2033	177	775	681	318.0	Operating	Extended		
	3	PWR	2,568	846	1974	2033	177	887	693	327.0	Operating	Extended		
Oyster Creek					New Jersey							15	915	175.7
	1	BWR	1,930	619	1969	2028	560	2,997	2,405	417.0	Operating	Extended		
Palisades					Michigan							31	832	332.4
	1	PWR	2,565	778	1971	2030	204	773	551	231.0	Operating	Extended		
Palo Verde					Arizona							39	936	385.0
	1	PWR	3,990	1,311	1986	2025	241	1,329	1,077	462.0	Operating	Submitted		
	2	PWR	3,990	1,314	1986	2025	241	1,329	1,066	462.0	Operating	Submitted		
	3	PWR	3,990	1,247	1988	2027	241	1,329	1,076	464.0	Operating	Submitted		
Peach Bottom					Pennsylvania							42	2,856	533.4
	2	BWR	3,514	1,112	1974	2033	764	3,807	3,012	533.0	Operating	Extended		
	3	BWR	3,514	1,112	1974	2033	764	3,816	3,022	537.0	Operating	Extended		
Perry					Ohio							0	0	0.0
	1	BWR	3,758	1,231	1987	2026	748	4,020	3,262	589.0	Operating	Not Submitted		
Pilgrim					Massachusetts							2	136	26.2
	1	BWR	2,028	685	1973	2012	580	3,404	2,777	499.0	Operating	Submitted		
Point Beach					Wisconsin							26	704	280.1
	1	PWR	1,540	512	1970	2029	121	751	680	255.0	Operating	Extended		
	2	PWR	1,540	514	1972	2031	121	751	680	255.0	Operating	Extended		
Prairie Island					Minnesota							24	960	368.2
	1	PWR	1,650	551	1973	2012	121	693	620	220.0	Operating	Submitted		
	2	PWR	1,650	545	1974	2013	121	693	619	219.0	Operating	Submitted		

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Quad Cities					Illinois						15	1,020	197.6
	1	BWR	2,957	867	1973	2032	724	3,762	3,392	601.0	Operating	Extended	
	2	BWR	2,957	867	1973	2032	724	3,761	3,391	600.0	Operating	Extended	
Rancho Seco					California						21	493	228.4
	1	PWR	2,740	913	1975	1989	0	0	0	0.0	Shutdown	Not Submitted	
River Bend					Louisiana						8	544	100.8
	1	BWR	3,091	967	1986	2025	624	3,172	2,508	442.0	Operating	Not Submitted	
Robinson					South Carolina						3	56	24.1
	2	PWR	2,339	710	1971	2030	157	1,292	589	254.0	Operating	Extended	
Salem					New Jersey						0	0	0.0
	1	PWR	3,459	1,174	1977	2016	193	1,632	1,283	590.0	Operating	Not Submitted	
	2	PWR	3,459	1,130	1981	2020	193	1,632	1,175	541.0	Operating	Not Submitted	
San Onofre					California						23	543	215.0
	2	PWR	3,438	1,070	1983	2022	217	1,542	1,316	554.0	Operating	Not Submitted	
	3	PWR	3,438	1,080	1984	2023	217	1,542	1,317	554.0	Operating	Not Submitted	
Seabrook					New Hampshire						1	32	14.8
	1	PWR	3,648	1,244	1990	2030	193	1,227	1,010	462.0	Operating	Not Submitted	
Sequoyah					Tennessee						19	608	279.5
	1	PWR	3,455	1,150	1981	2020	193	1,046	938	430.0	Operating	Not Submitted	
	2	PWR	3,455	1,127	1982	2021	193	1,045	938	429.0	Operating	Not Submitted	
Susquehanna					Pennsylvania						46	2,554	459.6
	1	BWR	3,952	1,135	1983	2042	764	2,840	2,455	430.0	Operating	Extended	
	2	BWR	3,952	1,140	1985	2044	764	2,840	2,456	429.0	Operating	Extended	
South Texas					Texas						0	0	0.0
	1	PWR	3,853	1,280	1988	2027	193	1,969	1,012	544.0	Operating	Not Submitted	
	2	PWR	3,853	1,280	1989	2028	193	1,969	911	489.0	Operating	Not Submitted	
St Lucie					Florida						2	64	25.3
	1	PWR	2,700	839	1976	2035	217	1,849	1,611	621.0	Operating	Extended	
	2	PWR	2,700	839	1983	2042	217	1,585	1,267	489.0	Operating	Extended	
Summer					South Carolina						0	0	0.0
	1	PWR	2,900	966	1984	2043	157	1,712	1,142	491.0	Operating	Extended	
Surry					Virginia						53	1,694	774.3
	1	PWR	2,546	799	1972	2031	157	521	428	198.0	Operating	Extended	
	2	PWR	2,546	799	1973	2032	157	521	427	197.0	Operating	Extended	

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Three Mile Island					Pennsylvania							0	0	0.0
	1	PWR	2,568	786	1974	2033	177	1,989	1,172	550.0	Operating	Extended		
Trojan					Oregon							33	780	358.9
	1	PWR	3,400	1,130	1976	1992	0	0	0	0.0	Shutdown	Not Submitted		
Turkey Point					Florida							0	0	0.0
	3	PWR	2,300	693	1972	2031	157	1,535	1,210	552.0	Operating	Extended		
	4	PWR	2,300	693	1973	2032	157	1,535	1,208	551.0	Operating	Extended		
Vermont Yankee					Vermont							4	272	52.1
	1	BWR	1,912	620	1972	2011	368	3,335	2,932	532.0	Operating	Submitted		
Vogtle					Georgia							0	0	0.0
	1	PWR	3,625	1,152	1987	2046	193	1,787	1,215	528.0	Operating	Submitted		
	2	PWR	3,625	1,149	1989	2048	193	1,787	1,215	528.0	Operating	Submitted		
Waterford					Louisiana							0	0	0.0
	3	PWR	3,716	1,152	1985	2024	217	1,880	1,422	593.0	Operating	Not Submitted		
Watts Bar					Tennessee							0	0	0.0
	1	PWR	3,459	1,121	1996	2035	193	1,610	706	325.0	Operating	Not Submitted		
Wolf Creek					Kansas							0	0	0.0
	1	PWR	3,565	1,166	1985	2044	193	2,642	1,338	616.0	Operating	Extended		
Yankee Rowe					Massachusetts							15	533	127.1
	1	PWR	500	167	1960	1992	0	0	0	0.0	Shutdown	Not Submitted		
Zion					Illinois							70	2,226	1,019.4
	1	PWR	3,000	1,040	1973	1998	0	0	0	0.0	Shutdown	Not Submitted		
	2	PWR	3,000	1,040	1973	1998	0	0	0	0.0	Shutdown	Not Submitted		