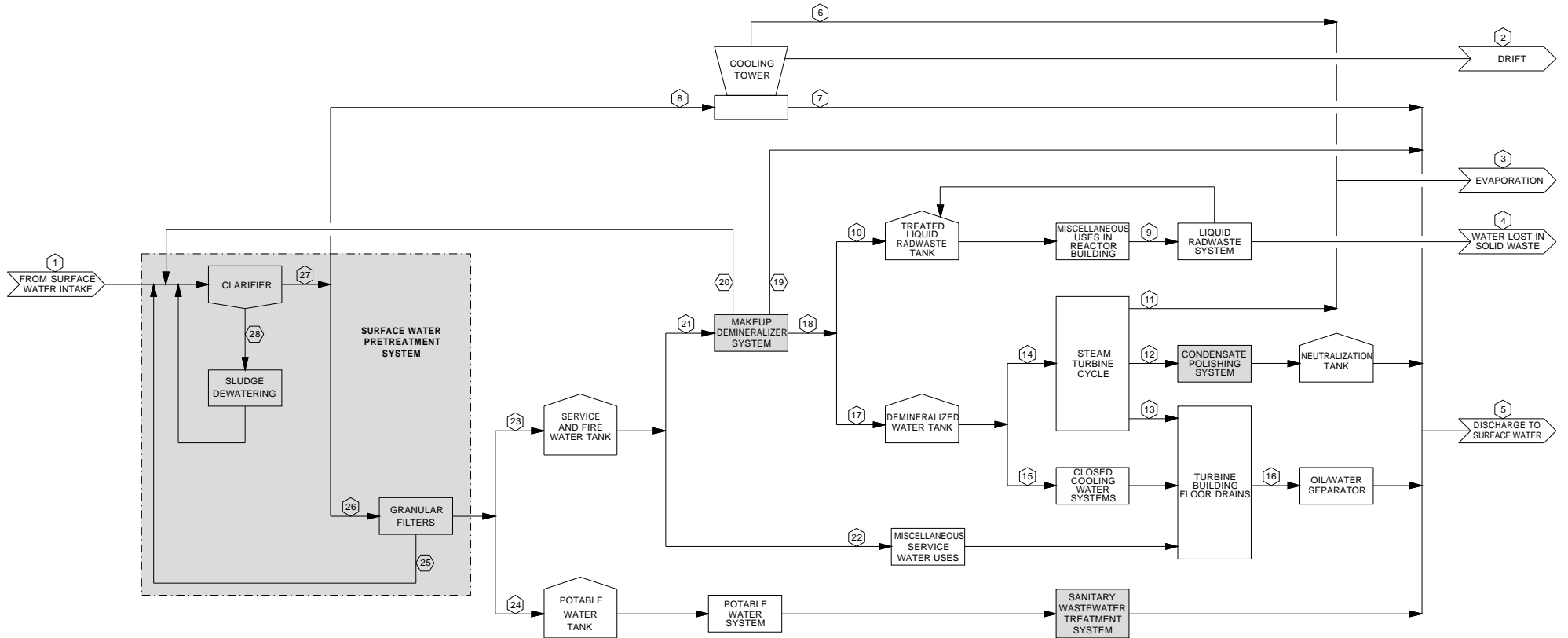


WATER BALANCE  
TRANSATOMIC MSR PLANT  
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WATER BALANCE  
TRANSATOMIC MSR PLANT  
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NUMBER	DESCRIPTION	AVERAGE FLOW (GPM)
1	WATER SUPPLY FROM SURFACE WATER INTAKE	5,448
2	COOLING TOWER DRIFT	14.0
3	TOTAL EVAPORATION LOSSES	4,194
4	LOSS IN SOLID WASTE	0.03
5	DISCHARGE TO SURFACE WATER	1,239
6	EVAPORATION FROM COOLING TOWER	4,100
7	BLOWDOWN FROM COOLING TOWER	1,022
8	MAKEUP TO COOLING TOWER	5,136
9	REACTOR BUILDING DRAINS TO LIQUID RADWASTE SYSTEM	0.6
10	DEMINERALIZED WATER CONSUMPTION IN REACTOR BUILDING	0.03
11	EVAPORATION LOSSES FROM STEAM TURBINE CYCLE	94
12	CONDENSATE POLISHING SYSTEM WASTEWATER	11.3
13	MISCELLANEOUS LOSSES FROM STEAM TURBINE CYCLE	94
14	MAKEUP TO STEAM TURBINE CYCLE	200
15	LOSSES FROM CLOSED COOLING WATER SYSTEM	0.3
16	TURBINE BUILDING FLOOR DRAINS	115
17	MAKEUP TO DEMINERALIZED WATER TANK	200
18	TOTAL DEMINERALIZED WATER PRODUCED	200
19	REVERSE OSMOSIS REJECT FROM MAKEUP DEMINERALIZER	67
20	ULTRAFILTRATION BACKFLUSH	30
21	SERVICE WATER INFLUENT TO MAKEUP DEMINERALIZER	297
22	MISCELLANEOUS SERVICE WATER USES	20
23	MAKEUP TO SERVICE AND FIREWATER TANK	317
24	MAKEUP TO POTABLE WATER TANK	24
25	GRANULAR FILTER BACKWASH	9
26	INFLUENT TO GRANULAR FILTERS	350
27	CLARIFIED WATER PRODUCED	5,486
28	SLUDGE BLOWDOWN FROM CLARIFIER	55