

Notes: 1 Plant drains are collected 2 Drift is assumed to be 0.005 3 Potable Water estimated by	n the oil/water separator and pumped back i 6 Recirculation Rate.	Plant Drains Fire Protection Service Water Cycles of Concentration EDI Rejection Rate Demin RO Rejection Rate Sludge Dewatering Recovery Clarifier Bottoms Coal Pile Runoff Steam Cycle Blowdown Misc. Losses	20 0 25 5 10% 25% 60% 2% 0 2.00% 1.00%	Wet Bulb Temperature Hot Side Temp Cold Side Temp Circ water flowrate (gpm) RH% Evaporation Feed Water Flowrate Drift (gpm) WW RO Permeate	82 °F 107 °F 92 °F 70000 *Attachment B 92 943 *Attachment C 8.65E+05 *Attachment B 1b/hr = 1728 4 90%	OVERALL BALANCE INS OUTS 972 0 20 0 5 4 0 4 2 947 17 2 25 0 TOTAL: 999 999 Balance is Acceptable Consumptive Usage 0.00 MGPD *Base on 24 hours of operation
Notes: 1 Plant drains are collected 2 Drift is assumed to be 0.005° 3 Potable Water estimated by	n the oil/water separator and pumped back i 6 Recirculation Rate.	in to the system at an average rate of 20 gpm.				TOTAL: 999 999 Balance is Acceptable Consumptive Usage 0.00 MGPD *Base on 24 hours of operation
2 Drift is assumed to be 0.0059 3 Potable Water estimated by 9	6 Recirculation Rate.					
Plant Staff Fuel/Ash Visitors Other 4 Boiler makeup is assumed to Misc, Steam cycle losses inc.	10 galions/day per person, site personnell is assu 31 people 10 people 7 people 2 people be 2% Steam Production at MCR boiler blowdow ude Sampling losses, Air evacuation losses, Mission ude Sampling losses, Air evacuation losses, Mission 10 people	med as follows: vn plus 1% Steam Production at MCR Misc. Steam c. Seal Leakage, Misc. Leaks and Closed cycle coo	Losses. ling makeup.			
6 Demineralized Water System 1st Pass RO System 72 2nd Pass RO System 78 EDI System 95% Water 7 Water required for ash wettin 8 Storm water runoff is collecte 9 Circ water flowrate is per hea	Water Recovery is as follows: % Recovery covery 90% Recovery Recovery g is the maximum of the 10% to 30% acceptable d in the storm water basin. The pumps out of this t balance.	range. basin are designed to empty the pond in 10 days.				

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