



	High Pressure Turbine			Low Pressure Turbine		
	Wheel Power, MWs	Stage Group Eff.	Dry Eff. BF=0.5	Wheel Power, MWs	Stage Group Eff.	Dry Eff. BF=1.0
CS	98.31	89.35%	90.53 %	—	—	—
1st	114.12	88.04%	90.86%	370.80	93.57%	93.57%
2nd	123.47	84.56%	88.82%	332.13	91.60%	95.62%
3rd	124.94	78.02%	83.48%	146.15	87.07%	95.44%
4th	—	—	—	125.48	85.45%	95.18%
L-0 A	—	—	—	60.30	63.00%	73.72%
L-0 B	—	—	—	60.30	63.00%	73.72%
L-0 C	—	—	—	60.30	63.00%	73.72%

- NOTE:
- ASME 1967 Steam Tables.
 - Turbine performance is estimate, not guaranteed.
 - EFTR is estimated not guaranteed.
 - S/G, T/G, condenser, and feedwater heater performance assume clean conditions with 0% tube plugging.
 - Turbine and extraction arrangement is schematic only.
 - Feedwater heater vents are not modeled.
 - Scavenging steam modeled at 4.7% and 2.9% for 1st and 2nd stage reheater sections, respectively.
 - Cycle isolation is assumed. No fugitive, diversionary, bypass, or leakage flows are modeled (unless otherwise indicated).
 - S/G blowdown not modeled.
 - Generator power factor is used for computing variable losses. It should not be used in power flow calculations.
 - S/G leaving steam conditions are estimated based on Tcold=555°F.
 - Licensed thermal power is taken 3983 MWt with corresponding NSSS power taken as 4011.1 MWt.
 - The indicated HP turbine bowl pressure is for information. Control stage performance of the HP turbine is estimated based on partial are admission.
 - Feedwater heaters TTD and DCA are scaled with heater tube-side mass flow rates.
 - The pressure drops in Main Steam and Extraction Steam lines are modeled based on volumetric fow rate.