

Table 4.7-1

REACTOR CORE ISOLATION COOLING SYSTEM TURBINE - PUMP DESIGN DATA

<u>PUMP</u>	
Number required - 1	Design Temperature - 40°F to 140°F
Capacity - 100%	Design Pressure - 1500 psig NPSH - 20 ft (minimum)
Developed Head -	
2930 ft	@ 1189 psia reactor pressure
525 ft	@ 165 psia reactor pressure
Flow Rate	Injection Flow 600 gpm Cooling Water Flow 16 gpm Total Pump Discharge 616 gpm

<u>TURBINE</u>	
Number required - 1	
Capacity - 100%	
Steam Inlet Pressure range (psig)	150 to 1174 (saturated)
Steam Exhaust Pressure (psia)	25 (Unit 1) 32 (Unit 2), 29 (Unit 3)