

Table 4.7-1

REACTOR CORE ISOLATION COOLING SYSTEM TURBINE - PUMP DESIGN DATA

PUMP

Number required - 1	Design Temperature - 40°F to 140°F
Capacity - 100%	Design Pressure - 1500 psig NPSH - 20 ft (minimum)
Developed Head -	
(pre-uprated) 2800 ft	@ 1135 psia reactor pressure
(uprated) 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

TURBINE

Number required - 1	
Capacity - 100%	
Steam Inlet Pressure range (psig)	
(pre-uprated)	150 to 1120 (saturated)
(uprated)	150 to 1174 (saturated)
Steam Exhaust Pressure (psia)	25 (Unit 1) 32 (Unit 2), 29 (Unit 3)