TABLE 10.5-1

FUEL POOL COOLING AND CLEANUP
SYSTEM SPECIFICATIONS

SYSTEM FUNCTION	SYSTEM SPECIFICATION
RATED CORE THERMAL POWER	3,293 MWt (pre-uprated)
	3,458 MWt (uprated)
TOTAL POOL, WELL, AND PIT VOLUME	106,881 cu ft
FUEL STORAGE POOL VOLUME	51,340 cu ft
SYSTEM DESIGN FLOW (1 PUMP)	600 gpm
MAXIMUM FLOW (2 PUMPS)	1,200 gpm
PUMP CHARACTERISTICS (1 PUMP)	600 gpm, 330 ft TDH
FPC HEAT EXCHANGER (1) - DESIGN CAPACITY	4.4×10^6 Btu/hr/Hx.
Fuel Pool Flow: 600 gpm; Temp. 125°F / RBCCW Flow: 750 gpm; Temp. 100°F	
RHR HEAT EXCHANGER (1) - DESIGN CAPACITY	19.3×10^6 Btu/hr/Hx.
Fuel Pool Flow: 800 gpm; Temp. 150°F / RHRSW Flow: 4500 gpm; Temp. 95°F	
	34.0×10^6 Btu/hr/Hx.
Fuel Pool Flow: 2000 gpm; Temp. 150°F / RHRSW Flow: 4500 gpm; Temp. 95°F	
FILTER DEMINERALIZER	270 sq ft, 550 gpm
	20 psi max dp (dirty)
HOLDING PUMP FLOW	27 gpm
PRECOAT FLOW	405 gpm
FUEL POOL SPECIFIC CONDUCTIVITY	≤ 10.0 μmho/cm
FUEL POOL CHLORIDE	≤ 500 ppb