

TABLE 7-1 (Rev. 1)
SPENT FUEL POOL COOLING SYSTEM
HEAT LOAD AND OPERATING TEMPERATURES
WITH STORAGE OF SURRY SPENT FUEL
IN THE NORTH ANNA 1 AND 2 FUEL POOL

	Decay Heat MBTU/HR	Fuel Pool Temperature, °F	
		1P2C	2P2C
No Surry Fuel			
High Density Racks (966)			
Normal	19.4	135.4	130.4
Abnormal	35.9	159.5	154.0
No Surry Fuel			
Neutron Absorber Racks (1737)			
Normal	23.1	138.5	135.0
Abnormal	39.2	156.5	151.0
Surry Fuel (500)			
High Density Racks (966)			
Normal	20.5	136.0	132.5
Abnormal	36.3	153.0	147.5
Surry Fuel (500)			
Neutron Absorber Racks (1737)			
Normal	24.1	140.0	136.0
Abnormal	40.0	160.0	148.5
1P2C - 1 Pump 2 Coolers		2P2C - 2 Pumps 2 Coolers	