

TABLE 3.18-1

FIRE DETECTION INSTRUMENTS

Instrument Location	Total Number of Detectors		Minimum Instruments Operable	
	Heat	Smoke	Heat	Smoke
1. Control Building Elev. 355'				
Control Room	0	17	NA	8
Computer Room	0	10	NA	5
HCV Panel	0	2	NA	1
CC & CR Panel	0	3	NA	2
PC & PCR Panel	0	3	NA	2
PL Panel	0	1	NA	1
2. Control Building Elev. 338'				
1D 4160 V SWGR	0	1	NA	1
1E 4160 V SWGR	0	1	NA	1
ESAS Cabinets (CB-3C)	0	3	NA	2
Relay Room	4	1	2	1
3. Control Building Elev. 322'				
1P 480V SWGR	0	1	NA	1
1S 480V SWGR1	0	1	NA	1
Battery Room A	0	1	NA	1
Battery Room B	0	1	NA	1
Inverter Room A	0	1	NA	1
Inverter Room B	0	1	NA	1
Remote Shutdown Panel	0	1	NA	1
4. Control Building Elev. 306'				
Above False Ceiling	0	10	NA	5
5. Diesel Generators				
Diesel A	1	0	1	NA
Diesel B	1	0	1	NA
6. Screen House				
General Area (HVAC)	2	0	1	NA
Zone 1	0	6	NA	3
Zone 2	0	6	NA	3
7. Fuel Handling Bldg. Elev. 281'				
General Cable Area (Zone 8)	0	9	NA	5
Lubricant & Storage Area (Zone 9)	0	3	NA	2
8. Auxiliary Bldg. Elev. 261'				
Decay Heat Removal Pump A (Zone 6)	0	3	NA	2
Decay Heat Removal Pump B (Zone 7)	0	4	NA	2

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	Heat	Smoke	Heat	Smoke
9. Auxiliary Bldg. Elev. 271' Heat Exchanger Vault (Zone 11)	0	10	NA	5
10. Auxiliary Bldg. Elev. 281' Pipe Penetration Area (Zone 1)	0	5	NA	3
Makeup & Purification Pumps (Zone 2)	0	3	NA	2
Valve Gallery (Zone 3)	0	1	NA	1
Cable Gallery (Zone 4)	0	4	NA	2
Hallway (Zone 10)	0	7	NA	4
11. Auxiliary Bldg. Elev. 305' Decay Heat & Nucl. Service Pumps & MCC 1A, 1B (Zone 5)	0	7	NA	4
Ventilation Room	1	1	1	1
12. Intermediate Bldg. Elev. 295' EF-P-2 A&B Rooms (Zone 1)	0	6	NA	3
Cable Area (Zone 2)	0	2	NA	1
EF-P-1 Room (Zone 3)	0	2	NA	1
Valve Gallery (Zone 4)	0	2	NA	1
13. Intermediate Bldg. Elev. 305' Tank Room (Zone 5)	0	1	NA	1
14. Reactor Bldg. Elev. 281' Exhaust Ducts (Zone 1)	0	3	NA	2
Decay Heat Valve 1 (Zone 2)	0	1	NA	1
Decay Heat Valve 2 (Zone 2)	0	1	NA	1
Cable Tray at Let Down Cooler (Zone 3)	0	1	NA	1
15. Reactor Bldg. Elev. 305' Exhaust Ducts (Zone 4)	0	5	NA	3
Purge Exhaust (Zone 5)	0	1	NA	1
Cable Tray at Personnel Hatch (Zone 6)	0	2	NA	1
16. Reactor Bldg. Elev. 346' D-Ring 1d (Zone 7)	0	6	NA	4
D-Ring 1e (Zone 8)	0	6	NA	4
17. Reactor Bldg. Elev. 382' Cable Tray (Zone 9)	0	2	NA	1
18. Reactor Bldg. Elev. 382' Elevator Room (Zone 10)	0	1	NA	1