

Table 3.3-11

FIRE DETECTION INSTRUMENTSUNIT 1

ROOM/AREA AUX BLDG	INSTRUMENT LOCATION	MINIMUM INSTRUMENTS OPERABLE *		
		HEAT	FLAME	SMOKE
100/103/				
104/116	Corridors - Elev (-)10'-0"			5
110	Coolant Waste Rec & Mon. Tk Pp Rm			2
111	Waste Processing Control Rm			1
112/114	Coolant Waste Rec Tank		4	
113	Misc Waste Rec Tank			1
115	Charging Pump Room			3
118/122	ECCS Pump Room			7
119/123	ECCS Pump Room			7
200/202	Corridors, &			
209/210	Corridors &			
212/219	Corridors			13
207/208	Waste Gas Equip Rm			3
216	Reactor Coolant Make-up Pumps			1
217	Boric Acid Tank & Pump Room			2
218	Volume Control Tank Room			1
220	Degasifier Pump Room			1
221/326	West Piping Penetration Room		2	3
222	Hot Instrument Shop			2
223	Hot Machine Shop			4
224	12 MSIV Hyd Area			10
225	Rad Exhaust Vent Equip Rm			4
226	Service Water Pump Rm		3	6
227/316	East, Piping Penetration Rm		3	5
228	Component Cooling Pump Rm			8
301/304/300	Battery Room & Corridor			3
306/1C	Cable Spreading Rm & Cable Chase**	2		10
308	N/S Corridor			6
315	Main Steam Piping Area			6
317	Switchgear Room, Elev 27'-0"***			6
318	Purge Air Supply Room			2
319/325	West Passage and Vestibule			6
320	Spent Fuel Heat Exchange Room			3
323	Passage 27' Valve Alley & Filter Rm			3
324	Letdown Heat Exchanger Rm			1
Elev. 27'-0"	Switchgear Vent Duct	1		
1A	Cable Chase 1A			1
1B	Cable Chase 1B			1
405	Control Room			6
410	N/S Corridor			4
417/418	Solid Waste Processing		2	3

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Table 3.3-11 (Continued)

FIRE DETECTION INSTRUMENTSUNIT 1

ROOM/AREA AUX BLDG	INSTRUMENT LOCATION	MINIMUM INSTRUMENTS OPERABLE *		
		HEAT	FLAME	SMOKE
413/419/420	Cask and Equip Loading Area &			
424/425/426	Cask and Equip Loading Area		3	22
421	Diesel Generator No. (12)**	2		
422	Diesel Generator No. (11)**	2		
423	West Electrical Pen Rm			3
428	East Piping Area			7
429	East Electrical Pene Rm			3
430	Switchgear Room Elev 45'-0"***			8
439	Refueling Water Tank Pump Rm			2
441	Spent Resin Metering Tank Rm			1
Elev 45'-0"	Switchgear Vent Duct	1		
512	Control Room HVAC Equipment			4
586-590,	Radiation Chemistry Area,			
592,593,	Radiation Chemistry Area,			
595-597,	Radiation Chemistry Area &			
521,523	Corridors			20
520	Spent Fuel Pool Area Vent Equip Rm			2
524	Main Plant Exhaust Equip Rm			8
525	Cntmt Access Area			3
529	Electrical Equip. Room			3
530/531/533	Spent Fuel Pool Area		5	17
536/537	Misc Waste Evaporator & Equip Rm			3
Elev 69'-0"	Control Room Vent Duct "A"			1
Elev 69'-0"	Cable Spreading Room Vent Duct			1
Elev 83'-0"	Cable Tunnel			4
603	Auxiliary Feedwater Pump Rm			2
<u>Containment Bldgs</u>				
U-1	RCP Bay East*	16		
U-1	RCP Bay West*	16		
U-1	East Electric Pen Area*	+		
U-1	West Electric Pen Area*	+		
<u>Intake Structure Elev 3'-0" Unit 1 Side</u>				24

* Detection instruments located within the containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate Tests.

** Detectors which automatically actuate fire suppression systems.

+ Monitored by four protecto wires.

Table 3.3-11

FIRE DETECTION INSTRUMENTSUNIT 2

<u>ROOM/AREA</u> <u>AUX BLDG</u>	<u>INSTRUMENT LOCATION</u>	<u>MINIMUM INSTRUMENTS OPERABLE *</u>		
		<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
101/120	ECCS Pump Room			7
102/121	ECCS Pump Room			7
105	Charging Pump Room			3
106	Misc Waste Monitor Tank			1
107/109	Coolant Waste Monitor Tank		4	
108	Pump Room-Elev (-) 10'-0"			1
201	Component Cooling Pump Rm			9
203	East Piping Area			10
204	Rad Exhaust Vent, Equip Rm			4
205	Service Water Pump Rm		3	6
206/310	East Piping Pen Rm		3	5
211/321	West Piping Pen Rm		2	3
213	Degasifier Pump Rm			1
214	Volume Control Tank Rm			1
215	Boric Acid Tank & Pump Rm			2
216A	Reactor Coolant Make-up Pumps			2
302/2C	U2 Cable Spreading Rm & Cable Chase**	2		10
305/307/303	U2 Battery Rm & Corridor			3
309	Main Steam Piping Area			6
311	Switchgear Rm, Elev 27'-0"***			6
312	Purge Air Supply Rm			2
322	Letdown Heat Exchanger Rm			1
Elev. 27'-0"	Switchgear Vent Duct	1		
2A	Cable Chase 2A			1
2B	Cable Chase 2B			1
407	Switchgear Rm, Elev 45'-0"***			8
408	East Piping Area			7
409	East Electrical Pen Rm			3
414	West Electrical Pen Rm			3
416	Diesel Generator No. (21)**	2		
440	Refueling Water Tank Pump Rm			2
Elev 45'-0"	Switchgear Vent Duct	1		
526	Main Plant Exhaust Equip Rm			8
527	Containment Access			3
532	Electrical Equip Rm			3
Elev. 69'-0"	Cable Spreading Room Vent Duct			1
Elev. 83'-0"	Cable Tunnel			4
605	Auxiliary Feedwater Pump Rm			2

Table 3.3-11 (Continued)

FIRE DETECTION INSTRUMENTS

UNIT 2

<u>INSTRUMENT LOCATION</u>		<u>MINIMUM INSTRUMENTS OPERABLE *</u>		
		<u>HEAT</u>	<u>FLAME</u>	<u>SMOKE</u>
<u>Containment Bldgs</u>				
UNIT 2	RCP Bay East*	16		
UNIT 2	RCP Bay West*	16		
UNIT 2	East Electric Pen Area*	+		
UNIT 2	West Electric Pen Area*	+		
<u>Intake Structure Elev 3'-0" Unit 2 Side</u>				24

* Detection instruments located within the containment are not required to be OPERABLE during the performance of Type A Containment Leakage Rate Tests.

** Detectors which automatically actuate fire suppression systems.

+ Monitored by four protecto wires.