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	Pages TRM / 3.3-17 and TRM / 3.3-18	06/14/2002
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	Page TRM / 3.3-22	11/15/2004
	Pages TRM / 3.3-22a through TRM / 3.3-22d	11/15/2004
	Page TRM / 3.3-23	12/03/2004
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UNCONTROLLED

Section	Title	Effective Date
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	Page 3.4-13	08/31/1998
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	Page TRM / 3.7-34	11/16/2001
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Section	Title	Effective Date
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Section	Title	Effective Date
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	Pages B 3.7-17 through B 3.7-20	08/31/1998
	Pages TRM/B 3.7-21 and TRM/B 3.7-21a	02/14/2005
	Pages TRM/B 3.7-22 and TRM/B 3.7-23	04/07/2000
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B 3.8	ELECTRICAL POWER BASES	
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	Page TRM / B 3.8-4	08/10/2004
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	Page TRM / B 3.8-5	08/31/1998
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B.3.9	REFUELING OPERATIONS BASES	
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B 3.10	MISCELLANEOUS BASES	
	Pages B 3.10-1 through B 3.10-2	08/31/1998
	Page TRM / B 3.10-3	03/08/2003
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	Pages B 3.11-26 through B 3.11-28	08/30/1998
	Page TRM / B 3.11-29 and TRM / B 3.11-30	12/03/2004
	Pages B 3.7-31 through B 3.7-35	8/30/19998
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B.3.12	LOADS CONTROL PROGRAM BASES	
	Pages TRM / B 3.12-1 through TRM / B 3.12-3	02/05/1999

TRM1 text LOES
8/9/05

3.7.3 Fire Protection

3.7.3.3 CO_2 Systems

TRO 3.7.3.3 The low pressure CO_2 systems shown in Table 3.7.3.3-1 shall be OPERABLE.

APPLICABILITY: Whenever equipment protected by the CO_2 systems is required to be OPERABLE.

ACTIONS

NOTE
1. Separate condition entry is allowed for each system.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more of the required CO_2 systems inoperable	A.1 Enter the Condition referenced in Table 3.7.3.3-1 for the CO_2 systems	Immediately
B. As required by Required Action A.1 and referenced in Table 3.7.3.3-1	B.1 Establish a continuous fire watch with backup fire suppression equipment for the affected area	1 hour
C. As required by Required Action A.1 and referenced in Table 3.7.3.3-1	C.1 Establish an hourly fire watch patrol for the affected area	1 hour

TECHNICAL REQUIREMENT SURVEILLANCE

SURVEILLANCE		FREQUENCY
TRS 3.7.3.3.1	Verify the CO_2 storage tank level to be greater than 25% and pressure to be greater than 270 psig.	7 days
TRS 3.7.3.3.2	Verify that each manual, power operated, or automatic valve, in the flow path is in its correct position for each of the required low pressure CO_2 systems.	31 days
TRS 3.7.3.3.3	Verify the system valves and associated ventilation dampers actuate manually and automatically for each of the required low pressure CO_2 systems.	18 months
TRS 3.7.3.3.4	Verify the flow from each accessible nozzle by performance of a "Puff Test" for each of the required low pressure CO_2 systems.	18 months

Table 3.7.3.3-1 (Page 1 of 2)
Low Pressure CO_2 Systems

SYS. #	DESCRIPTION	FIRE ZONE	CONDITION REFERENCED FROM REQUIRED ACTION A.1
1.07	Unit 1 Control Room Underfloor	0-26F, 0-26G, 0-26H	B
1.08	Unit 2 Control Room Underfloor	0-26H, 0-26I, 0-26J	B
1.09	Unit 1 UPS Room & Underfloor	0-24C	C
1.11	Computer Room & above ceiling	0-24E	C
1.13	Unit 1 Lower Relay Room	0-24D	B
1.18	TSC Room C-411/413 Soffit	0-26M	B
1.19	Unit 1 Control Room Soffit	0-26N	B
1.20	Unit 2 Control Room Soffit	0-26P	B
1.21	North Cable Chase (698'-783')	0-24M, 0-25D, 0-26V, 0-27H, 0-28R	B
1.22	Center Cable Chase (698'-783')	0-24L, 0-25C, 0-26T, 0-27G, 0-28Q	B
1.23	South Cable Chase (698'-783')	0-24J, 0-25B, 0-26S, 0-27F, 0-28P	B
1.24	North Cable Chase (729')	0-26D	B
1.25	Center Cable Chase (729')	0-26C	B
1.26	South Cable Chase (729')	0-26B	B
1.27	Unit 1 Upper Relay Room	0-27E	B

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3.7.3 Fire Protection

3.7.3.8 Fire Detection Instrumentation

TRO 3.7.3.8 The fire detection instrumentation for each fire detection zone shown in Table 3.7.3.8-1 shall be OPERABLE.

APPLICABILITY: Whenever equipment protected by the fire detection instrument is required to be OPERABLE.

ACTIONS

NOTE

1. Separate condition entry is allowed for each instrument.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. The number of OPERABLE fire detection instruments less than the Minimum Instruments Operable requirement of Table 3.7.3.8-1	A. Establish an hourly fire watch patrol	1 hour
	AND	
	A.2.1 Inspect the accessible zone(s) with inoperable instrument(s)	Once per hour
	OR	
	A.2.2 Inspect the affected area surrounding any inaccessible zones	Once per hour

TECHNICAL REQUIREMENT SURVEILLANCE

SURVEILLANCE		FREQUENCY
----------NOTE---------- When a detector is placed in an inoperable status solely for performance of required Surveillances, entry into associated Conditions and required Actions may be delayed for up to 15 minutes. ----------		N/A
TRS 3.7.3.8.1	Perform CHANNEL FUNCTIONAL TEST on accessible fire detection instruments.	12 months
TRS 3.7.3.8.2	Verify that the supervised circuits supervision associated with the detector alarms of each of the fire detection instruments listed in Table 3.7.3.8-1 are OPERABLE.	12 months
TRS 3.7.3.8.3	Perform CHANNEL FUNCTIONAL TEST on inaccessible fire detection instruments.	Prior to startup from each COLD SHUTDOWN exceeding 48 hours unless performed in the previous 12 months

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION				INSTRUMENT OPERABLE					
				HEAT		IONIZATION		PHOTO ELECTRIC	
FIRE ZONE	ROOM OR AREA		ELEV.	TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
a.	*Control Building*								
0-21A	Common Equipment Room Elevator Lobby		656'-0"	NA	NA	1	1	NA	NA
0-22A	Chem Lab 0F135 High Temp. Alarm		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab DS-021		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab 0F138 High Temp. Alarm		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab DS-022		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab 0F141 High Temp. Alarm		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab DS-023		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab 0F144 High Temp. Alarm		687'-10"	2	1	NA	NA	NA	NA
	Chem Lab DS-024		687'-10"	2	1	NA	NA	NA	NA
0-22A	Above Ceiling/Filter Area		687'-8"	NA	NA	10	5	NA	NA
0-22A	Elevator Lobby		676'-0"	NA	NA	1	1	NA	NA
0-23	Egress Corridor to South Stairwell		686'-6"	NA	NA	1	1	NA	NA
0-24B	Corridor		698'-0"	NA	NA	4	2	NA	NA
0-24B	Corridor Elevator Lobby		698'-0"	NA	NA	1	1	NA	NA
0-24C	UPS Panel Room U-1		698'-0"	4	2	2	1	NA	NA
0-24D	U-1 Lower Relay Room	1U704	697'-0"	11	6	6	3	NA	NA
	PGCC Halon Panel Division II	1U705	697'-0"	11	6	6	3	NA	NA
		1U706	697'-0"	11	6	6	3	NA	NA
		1U731	697'-0"	10	5	6	3	NA	NA
		1U732	697'-0"	11	6	6	3	NA	NA
0-24D	U-1 Lower Relay Room		698'-0"	4	2	4	2	NA	NA
0-24E	Computer Room		698'-0"	NA	NA	6	3	NA	NA
0-24E	Computer Room (Above Ceiling)		698'-0"	12	6	4	2	NA	NA
0-24E	Computer Room	1U720	697'-0"	NA	NA	4	2	NA	NA
	PGCC Underfloor	1U722	697'-0"	NA	NA	4	2	NA	NA
		1U724	697'-0"	NA	NA	4	2	NA	NA
		1U726	697'-0"	NA	NA	4	2	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA	ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
			TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
0-24E	Computer Room 2U721	697'-0"	NA	NA	4	2	NA	NA
	PGCC Underfloor 2U723	697'-0"	NA	NA	4	2	NA	NA
	2U725	697'-0"	NA	NA	4	2	NA	NA
	2U727	697'-0"	NA	NA	4	2	NA	NA
0-24F	Computer Maintenance Rm and Office	698'-0"	NA	NA	2	1	NA	NA
0-24J	South Cable Chase	698'-0"	1	1	NA	NA	NA	NA
0-24L	Center Cable Chase	698'-0"	1	1	NA	NA	NA	NA
0-24M	North Cable Chase	698'-0"	1	1	NA	NA	NA	NA
0-25A	U-2 Lower Cable Spreading Room	714'-0"	20	10	6	3	NA	NA
0-25B	South Cable Chase	714'-0"	1	1	NA	NA	NA	NA
0-25C	Center Cable Chase	714'-0"	1	1	NA	NA	NA	NA
0-25D	North Cable Chase	714'-0"	1	1	NA	NA	NA	NA
0-25E	U-1 Lower Cable Spreading Room	714'-0"	26	13	5	3	NA	NA
0-25E	U-1 Lower Cable Spreading Room Elevator Lobby	714'-0"	NA	NA	1	1	NA	NA
0-26A	Copy Room	729'-1"	NA	NA	1	1	NA	NA
0-26B	South Cable Chase	729'-1"	NA	NA	1	1	NA	NA
0-26C	Center Cable Chase	729'-1"	NA	NA	1	1	NA	NA
0-26D	North Cable Chase	729'-1"	NA	NA	1	1	NA	NA
0-26E	Locker Room	729'-1"	NA	NA	1	1	NA	NA
0-26F	Vestibule Elevator Lobby	729'-1"	NA	NA	1	1	NA	NA
0-26F	Vestibule (Under Floor)	728'-1"	NA	NA	1	1	NA	NA
0-26G	Shift Office	729'-1"	NA	NA	1	1	NA	NA
0-26G	Shift Office (Under Floor)	728'-1"	NA	NA	2	1	NA	NA
0-26H	Control Room (Under Floor Unit 1)	728'-1"	NA	NA	15	8	NA	NA
0-26H	Control Room (Under Floor Unit 2)	728'-1"	NA	NA	12	6	NA	NA
0-26H	Control Room	729'-1"	NA	NA	10	5	NA	NA
0-26H	Control Room (Above Ceiling)	729'-1"	NA	NA	9	5	NA	NA
0-26I	Operational Support Center	729'-1"	NA	NA	1	1	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA	ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
			TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
0-26I	Operational Support Center (Under Floor)	728'-1"	NA	NA	2	1	NA	NA
0-26J	Vestibule (Under Floor)	728'-1"	NA	NA	1	1	NA	NA
0-26J	Vestibule	729'-1"	NA	NA	1	1	NA	NA
0-26K	Technical Support Center	741'-1"	NA	NA	10	5	NA	NA
0-26K	Technical Support Center Elevator Lobby	741'-1"	NA	NA	1	1	NA	NA
0-26K	Technical Support Center (Above Ceiling)	741'-1"	NA	NA	5	3	NA	NA
0-26L	Conference Room	741'-1"	NA	NA	6	3	NA	NA
0-26L	Conference Room (Above Ceiling)	741'-1"	NA	NA	2	1	NA	NA
0-26M	U-1 TSC Soffit	729'-1"	NA	NA	2	1	NA	NA
0-26M	U-1 TSC Soffit	741'-1"	NA	NA	2	1	NA	NA
0-26N	U-1 Control Room Soffit	741'-1"	NA	NA	2	1	NA	NA
0-26P	U-2 Control Room Soffit	741'-1"	NA	NA	2	1	NA	NA
0-26R	U-2 TSC Soffit	729'-1"	NA	NA	2	1	NA	NA
0-26R	U-2 TSC Soffit	741'-1"	NA	NA	2	1	NA	NA
0-26S	South Cable Chase	741'-1"	1	1	NA	NA	NA	NA
0-26T	Center Cable Chase	741'-1"	1	1	NA	NA	NA	NA
0-26V	North Cable Chase	741'-1"	1	1	NA	NA	NA	NA
0-27B	U-2 Upper Cable Spreading Room	753'-0"	24	12	5	3	NA	NA
0-27B	U-2 Upper Cable Spreading Room (Under Floor)	753'-0"	4	2	NA	NA	NA	NA
0-27C	U-1 Upper Cable Spreading Room	753'-0"	23	12	7	4	NA	NA
0-27C	U-1 Upper Cable Spreading Room Elevator Lobby	753'-0"	NA	NA	1	1	NA	NA
0-27D	Electrician's Office	754'-0"	2	1	1	1	NA	NA
0-27E	U-1 Upper Relay Room	754'-0"	4	2	2	1	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION				INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA		ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
				TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
0-27E	U-1 Upper Relay Room	1U700	753'-0"	11	6	6	3	NA	NA
	PGCC Halon Panel Division	1U701	753'-0"	11	6	6	3	NA	NA
		1U702	753'-0"	11	6	6	3	NA	NA
		1U703	753'-0"	11	6	6	3	NA	NA
		1U730	753'-0"	11	6	6	3	NA	NA
0-27F	South Cable Chase		754'-0"	1	1	NA	NA	NA	NA
0-27G	Center Cable Chase		754'-0"	1	1	NA	NA	NA	NA
0-27H	North Cable Chase		754'-0"	1	1	NA	NA	NA	NA
0-28A-I	Equipment Room		771'-0"	NA	NA	1	1	NA	NA
0-28A-II	Equipment Room		771'-0"	NA	NA	3	2	NA	NA
0-28B-I	Equipment Room		771'-0"	NA	NA	1	1	NA	NA
0-28B-II	Equipment Room		771'-0"	NA	NA	2	1	NA	NA
0-28B-II	Equipment Room Elevator Lobby		771'-0"	NA	NA	1	1	NA	NA
0-28C	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28D	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28E	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28F	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28G	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28H	Repair Shop		771'-0"	NA	NA	2	1	NA	NA
0-28I	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28J	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28K	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28L	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28M	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28N	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-28P	South Cable Chase		771'-0"	1	1	NA	NA	NA	NA
0-28Q	Center Cable Chase		771'-0"	1	1	NA	NA	NA	NA
0-28R	North Cable Chase		771'-0"	1	1	NA	NA	NA	NA
0-28T	Battery Room		771'-0"	NA	NA	1	1	NA	NA
0-29A	Elevator Vestibule		783'-0"	NA	NA	1	1	NA	NA
0-29B	H&V Equipment Room		783'-0"	NA	NA	10	5	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA	ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
			TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
0-30A	HVAC Equipment Room	806'-0"	NA	NA	19	10	NA	NA
0-30A	Freight Elevator Lobby	806'-0"	NA	NA	1	1	NA	NA
0-30A	CREOASS 0F125A High Temp. Alarm	806'-0"	7	4	NA	NA	NA	NA
0-30A	CREOASS DS-091	806'-0"	7	4	NA	NA	NA	NA
0-30A	CREOASS 0F125B High Temp. Alarm	806'-0"	7	4	NA	NA	NA	NA
0-30A	CREOASS DS-092	806'-0"	7	4	NA	NA	NA	NA
0-30A	SGTS - 0F169A High Temp. Alarm	806'-0"	1	1	NA	NA	NA	NA
0-30A	SGTS - DS-093	806'-0"	1	1	NA	NA	NA	NA
0-30A	SGTS - 0F169B High Temp. Alarm	806'-0"	1	1	NA	NA	NA	NA
0-30A	SGTS - DS-094	806'-0"	1	1	NA	NA	NA	NA
b.	***Reactor Building***							
0-6G	Surge Tank Vault	779'-4"	NA	NA	2	1	NA	NA
0-8A	Refueling Floor	818'-1"	NA	NA	NA	NA	60	30
0-8A	Refueling Floor Elevators	818'-1"	NA	NA	2	1	NA	NA
1-1A	Core Spray Pump Room	645'-0"	NA	NA	7	4	NA	NA
1-1B	Core Spray Pump Room	645'-0"	NA	NA	5	3	NA	NA
1-1B	Elevator Lobby	645'-0"	NA	NA	1	1	NA	NA
1-1C	HPCI Pump Room	645'-0"	2	1	NA	NA	7	4
1-1D	RCIC Pump Room	645'-0"	2	1	NA	NA	5	3
1-1E	RHR Pump Room	645'-0"	NA	NA	NA	NA	13	7
1-1F	RHR Pump Room	645'-0"	NA	NA	NA	NA	15	8
1-1G	Sump Room	645'-0"	NA	NA	2	1	NA	NA
1-1I	NW Stairway and Elevator Vestibule	676'-0"	NA	NA	1	1	NA	NA
1-2A	Access Area	670'-0"	NA	NA	7	4	NA	NA
1-2B	Access Area	670'-0"	NA	NA	9	5	NA	NA
1-2B	Access Area Elevator Lobby	670'-0"	NA	NA	1	1	NA	NA
1-2D	Remote Shutdown Panel Room	670'-0"	NA	NA	2	1	NA	NA
1-3A	Access Area	683'-0"	NA	NA	9	5	NA	NA
1-3B-N	Equipment Removal Area - North	683'-0"	NA	NA	8	4	NA	NA
1-3B-N	Equipment Removal Area Elevator Lobby	683'-0"	NA	NA	1	1	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA	ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
			TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
1-3B-S	Equipment Removal Area - South	683'-0"	NA	NA	1	1	NA	NA
1-3B-W	Equipment Removal Area - Wraparound	683'-0"	NA	NA	2	1	NA	NA
1-3C-N	Equipment Access Area - North	683'-0"	NA	NA	NA	NA	4	2
1-3C-S	Equipment Access Area - South	683'-0"	NA	NA	NA	NA	4	2
1-3C-W	Equipment Access Area - Wraparound	683'-0"	NA	NA	NA	NA	5	3
1-4A-N	Containment Access Area - North	719'-0"	NA	NA	11	6	4	2
1-4A-N	Containment Access Area Elevator Lobby	719'-0"	NA	NA	1	1	NA	NA
1-4A-S	Containment Access Area - South	719'-0"	NA	NA	10	5	NA	NA
1-4A-W	Containment Access Area - Wraparound	719'-0"	NA	NA	6	3	NA	NA
1-4B	Pipe Penetration Room	719'-1"	NA	NA	1	1	NA	NA
1-4C	Switchgear Room	719'-1"	NA	NA	2	1	NA	NA
1-4D	Switchgear Room	719'-1"	NA	NA	2	1	NA	NA
1-4G	Main Steam Pipeway	719'-1"	NA	NA	NA	NA	4	2
1-4G	Exhaust Fan Room	719'-1"	NA	NA	NA	NA	2	1
1-5A-N	General Access Area - North	749'-1"	NA	NA	5	3	1	1
1-5A-N	General Access Area Elevator Lobby	749'-1"	NA	NA	1	1	NA	NA
1-5A-S	SLC / Chiller Area - South	749'-1"	NA	NA	15	8	7	4
1-5A-W	Access Corridor - Wraparound	749'-1"	NA	NA	7	4	NA	NA
1-5B	Valve Access Area	761'-10"	NA	NA	NA	NA	2	1
1-5D	RWCU Pumps & Heat Exchangers	749'-1"	NA	NA	NA	NA	10	5
1-5E	Penetration Room	749'-1"	NA	NA	NA	NA	2	1
1-5F	Load Center Room	749'-1"	NA	NA	2	1	NA	NA
1-5G	Load Center Room	749'-1"	NA	NA	2	1	NA	NA
1-5H	Instrument Repair Shop/Sample Station	749'-1"	NA	NA	1	1	NA	NA
1-6A	Access Area	779'-1"	NA	NA	9	5	NA	NA
1-6A	Access Area Elevator Lobby	779'-1"	NA	NA	1	1	NA	NA
1-6B	Load Center Room	779'-1"	NA	NA	4	2	NA	NA
1-6C	Electrical Equipment Room	779'-1"	NA	NA	2	1	NA	NA
1-6D	H&V Equipment Room	779'-1"	NA	NA	12	6	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA	ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
			TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
1-6E	Recirculation Fans Area	779'-1"	NA	NA	2	1	NA	NA
1-6I	Fuel Pooling Holding Pump Room	779'-1"	NA	NA	NA	NA	2	1
1-7A	H&V Fan & Filter Rooms	799'-1"	NA	NA	15	8	NA	NA
1-7A	HVAC Filter 1F257A High Temp. Alarm	799'-1"	7	4	NA	NA	NA	NA
1-7A	HVAC Filter 1F257A DS-181	799'-1"	7	4	NA	NA	NA	NA
1-7A	HVAC Filter 1F257B High Temp. Alarm	799'-1"	7	4	NA	NA	NA	NA
1-7A	HVAC Filter 1F257B DS-182	799'-1"	7	4	NA	NA	NA	NA
1-7A	HVAC Filter 1F217A High Temp. Alarm	799'-1"	5	3	NA	NA	NA	NA
1-7A	HVAC Filter 1F217A DS-183	799'-1"	5	3	NA	NA	NA	NA
1-7A	HVAC Filter 1F217B High Temp. Alarm	799'-1"	5	3	NA	NA	NA	NA
1-7A	HVAC Filter 1F217B DS-184	799'-1"	5	3	NA	NA	NA	NA
c.	***ESW Pumphouse***							
0-51	Pump Room	685'-6"	NA	NA	6	3	NA	NA
0-52	Pump Room	685'-6"	NA	NA	6	3	NA	NA
d.	***Diesel Generator Building***		***HEAT***		***INFRA-RED***		***PHOTO-ELECTRIC***	
0-41A	Diesel Generator "A" Bay	660'-0" & 677'-0"	22	11	2	1	15	8
		710' – 9"	N/A	N/A	N/A	N/A	8	4
0-41B	Diesel Generator "B" Bay	660'-0" & 677'-0"	23	12	2	1	15	8
		710' –9"	N/A	N/A	N/A	N/A	9	5
0-41C	Diesel Generator "C" Bay	660'-0" & 677'-0"	22	11	2	1	15	8
		710'-9	N/A	N/A	N/A	N/A	8	4
0-41D	Diesel Generator "D" Bay	660'-0" & 677'-0"	22	11	2	1	15	8
		710'9"	N/A	N/A	N/A	N/A	8	4
e.	***Diesel Generator E Building***		***HEAT***		***INFRA-RED***		***IONIZATION***	
0-41E	Diesel Generator Rooms	656'-6" &	1	1	NA	NA	21	11
		675'-6" &	NA	NA	6	3	3	2
		708'-0"	NA	NA	4	2	NA	NA

TABLE 3.7.3.8-1

FIRE DETECTION INSTRUMENTATION

INSTRUMENT LOCATION			INSTRUMENT OPERABLE					
FIRE ZONE	ROOM OR AREA	ELEV.	HEAT		IONIZATION		PHOTO ELECTRIC	
			TOTAL	MIN.	TOTAL	MIN.	TOTAL	MIN.
f.	*Outside Area*		*HEAT*		*IONIZATION*		*PHOTO-ELECTRIC*	
0-00	Startup Transformer (0X103) DS-014	NA	10	5	NA	NA	NA	NA
0-00	Startup Transformer (0X104) DS-015	NA	12	6	NA	NA	NA	NA
0-00	ESS Transformer – DS-016							
	0X201	NA	6	3	NA	NA	NA	NA
	0X 213	NA	6	3	NA	NA	NA	NA
0-00	ESS Transformer – DS-017							
	0X203	NA	6	3	NA	NA	NA	NA
	0X211	NA	6	3	NA	NA	NA	NA