

ATTACHMENT A

The following Technical Specification pages have been revised and are attached:

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TABLE 3.3-4

RADIATION MONITORING INSTRUMENTATION

<u>INSTRUMENT</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABLE MODES</u>	<u>ALARM SETPOINT</u>	<u>MEASUREMENT RANGE</u>	<u>ACTION</u>
1. AREA MONITORS					
(a) Spent Fuel Pit Area					
1. Fuel Manipulator	1	(1)	≤ 5 mR/hr or 2 x background, which- ever is greater	1.0 - 50 mR/hr*	11
(b) Containment					
1. Fuel Manipulator	1	(1)	≤ 10 mR/hr or 2 x background, which- ever is greater	1.0 - 1000 mR/hr*	12
2. High Range (Also Accident - Emergency Monitors)	1	1, 2, 3, 4	≤ 5 R/hr	1.0 - 10^7 R/hr	15
2. PROCESS MONITORS					
(a) Containment					
1. Main Coolant System Leakage Air Par- tificate Monitor	1	1, 2, 3, 4	NA	10 - 10^6 cpm	13
(b) Radioactive Liquid Monitors					
1. Steam Generator Blowdown Monitors	1 ⁽²⁾	1, 2, 3, 4	≤ 80 cps or 2 x background, whichever is greater	10 - 10^6 cpm	14

*Indicated upper end of measurement range is minimum required. Actual measurement range may exceed that stated.

TABLE 3.3-4 (Continued)

TABLE NOTATION

- (1) When handling irradiated fuel, control rods or sources.
- (2) Per steam generator in a non-isolated loop.

ACTION STATEMENTS

- Action 11 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, comply with the ACTION requirements of Specification 3.9.12.
- Action 12 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, suspend all operations involving CORE ALTERATIONS.
- Action 13 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, comply with the ACTION requirements of Specification 3.4.5.1.
- Action 14 - With the number of channels OPERABLE less than required by the Minimum Channels OPERABLE requirement, provide an OPERABLE temporary continuous monitor within 8 hours.
- Action 15 - With the number of OPERABLE Channels less than required by the Minimum Channels OPERABLE requirements, initiate the preplanned alternate method of monitoring the appropriate parameter(s), within 72 hours, and
 - 1. either restore the inoperable Channel(s) to OPERABLE status within seven days of the event, or
 - 2. prepare and submit a special report to the Commission pursuant to Specification 6.9.6 within fourteen days following the event outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status.

TABLE 4.3-3

RADIATION MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u>	<u>CHANNEL CHECK</u>	<u>CHANNEL CALIBRATION</u>	<u>CHANNEL FUNCTIONAL TEST</u>	<u>MODES IN WHICH SURVEILLANCE REQUIRED</u>
1. AREA MONITORS				
(a) Spent Fuel Pit Area				
1. Fuel Manipulator	S	R	M	*
(b) Containment				
1. Fuel Manipulator	S	R	M	*
2. High Range (Also Accident Emergency Monitors)	S	R	R	1, 2, 3, 4
2. PROCESS MONITORS				
(a) Containment				
1. Main Coolant System Leakage Air Particulate Monitor	S	R	M	1, 2, 3, 4
(b) Radioactive Liquid Monitor				
1. Steam Generator Blowdown Monitor	S	R	M	1, 2, 3, 4

* When handling irradiated fuel, control rods or sources.

INSTRUMENTATION

INCORE DETECTION SYSTEM

LIMITING CONDITIONS FOR OPERATION

- 3.3.3.2 The incore detection system shall be OPERABLE with:
- a. At least twelve (12) neutron detector thimbles OPERABLE.
 - b. A minimum of two (2) OPERABLE neutron detector thimbles per core quadrant, and
 - c. Sufficient OPERABLE movable neutron detectors, drive and readout equipment to map these thimbles.

APPLICABILITY: When the incore detection system is used for core power distribution measurements.

ACTION

With the incore detection system inoperable, do not use the system for the above applicable monitoring or calibration functions. The provisions of Specifications 3.0.3 and 3.0.4 are not applicable.

SURVEILLANCE REQUIREMENTS

4.3.3.2 The incore neutron detectors shall be demonstrated OPERABLE by normalizing each detector output to be used within 24 hours prior to its use for core power distribution measurements.

TABLE 3.3-7

Accident Monitoring Instrumentation

<u>Instrument</u>	<u>Total No. Of Channels</u>	<u>Minimum Channels Operable</u>
1. Pressurizer Water Level	2	1
2. Auxiliary Feedwater Flow Rate	4	3
3. Main Coolant System Subcooling Margin Monitor	1	1
4. PORV Position Indicator (Acoustic Accelerometer)	1	1
5. PORV Position Indicator (Temperature Indication, RTD)	1	0
6. PORV Block Valve Position Indicator	1	1
7. Safety Valve Position Indicator (Acoustic Accelerometer)	1	1
8. Safety Valve Position Indicator (Temperature Indication, RTD)	1	0
9. Containment Water Level (Wide-Range)	2	1
10. In Core Thermocouple Channels (Core Exit Thermocouples)	8	1 in each of 3 Core Quadrants
11. Containment Pressure (Wide-Range)	2	1
12. Reactor Vessel Head Thermocouples	2	1

TABLE 4.3-5

Accident Monitoring Instrumentation Surveillance Requirements

<u>Instrument</u>	<u>Channel Check</u>	<u>Channel Calibration</u>
1. Pressurizer Water Level	M	R
2. Auxiliary Feedwater Flow Rate	M	R
3. Main Coolant System Subcooling Margin Monitor	M	R
4. PORV Position Indicator (Acoustic Accelerometer)	M	R
5. PORV Position Indicator (Temperature Indication, RTD)	M	R
6. PORV Block Valve Position Indicator	M	R
7. Safety Valve Position Indicator (Acoustic Accelerometer)	M	R
8. Safety Valve Position Indicator (Temperature Indication, RTD)	M	R
9. Containment Water Level (Wide-Range)	M	R
10. In Core Thermocouple Channels (Core Exit Thermocouples)	M	R
11. Containment Pressure (Wide-Range)	M	R
12. Reactor Vessel Head Thermocouples	M	R

ADMINISTRATIVE CONTROLS

The Radioactive Effluent Release Reports shall include any changes made during the reporting period to the PROCESS CONTROL PROGRAM (PCP) and to the OFF-SITE DOSE CALCULATION MANUAL (ODCM), as well as a listing of new locations for dose calculations and/or environmental monitoring identified by the land use census pursuant to Specification 3.12.2.

6.9.6 Special reports shall be submitted to the Director of the Office of Inspection and Enforcement Regional Office within the time period specified for each report. These reports shall be submitted covering the activities identified below pursuant to the requirements of the applicable reference specification:

- a. (Deleted).
- b. ECCS Actuation, Specifications 3.4.2 and 3.5.3.
- c. Inoperable Meteorological Monitoring Instrumentation, Specification 3.3.3.3.
- d. Sealed Source leakage in excess of limits, Specification 3.7.6.
- e. Fire Detection Instrumentation, Specification 3.3.3.4.
- f. Fire Suppression Systems, Specifications 3.7.10.1, 3.7.10.2, 3.7.10.3, 3.7.10.5 and 3.7.10.6.
- g. Liquid Effluents, Specifications 3.11.1.2 and 3.11.1.3.
- h. Gaseous Effluents, Specifications 3.11.2.2, 3.11.2.3 and 3.11.2.4.
- i. Total Dose, Specification 3.11.4.
- j. Radiological Environmental Monitoring, Specification 3.12.1.
- k. Radiation Monitoring, Specification 3.3.3.1.

6.10 RECORD RETENTION

6.10.1 The following records shall be retained for at least five years:

- a. Records and logs of facility operation covering time interval at each power level.
- b. Records and logs of principal maintenance activities, inspection repair and replacement of principal items of equipment related to nuclear safety.
- c. ALL REPORTABLE OCCURRENCE reports submitted to the COMMISSION.
- d. Records of surveillance activities, inspections and calibrations required by these Technical Specifications.