

LIMITING CONDITIONS FOR OPERATION

ESSENTIAL PARAMETERS MONITORING INSTRUMENTATION

3.3.3.5 The Essential Parameters Monitoring Instrumentation shall be OPERABLE in accordance with the requirements of Table 4.3-7 of the RECOVERY OPERATIONS PLAN.

APPLICABILITY: RECOVERY MODE

ACTION:

- a. With the exception of the Reactor Vessel Water Level monitoring instrumentation, the Spent Fuel Storage Pool "A" Water Level monitoring instrumentation, and the Fuel Transfer Canal (Deep End) Water Level monitoring instrumentation, for instrumentation not in accordance with the requirements of Table 4.3-7 of the RECOVERY OPERATIONS PLAN, restore the inoperable instrument(s) to the requirements of Table 4.3-7 of the RECOVERY OPERATIONS PLAN within 72 hours.
- b. The operability requirements for the Reactor Vessel Water Level monitoring instrumentation shall be as specified in specification 3.4.2.
- c. The operability requirements for the Spent Fuel Storage Pool "A" Water Level monitoring instrumentation shall be as specified in specification 3.9.1.
- d. The operability requirements for the Fuel Transfer Canal (Deep End) Water Level monitoring instrumentation shall be as specified in specification 3.9.3.

POST-ACCIDENT INSTRUMENTATION

3.3.3.6 Deleted.

CHLORINE DETECTION SYSTEMS

3.3.3.7 Two chlorine detection systems, with their alarm/trip setpoints adjusted to actuate at a chlorine concentration of less than or equal to 5 ppm, shall be OPERABLE:

- a. One at the air intake tunnel, and
- b. One at the Control Room air supply duct.

APPLICABILITY: RECOVERY MODE

ACTION:

With one or more chlorine detection systems inoperable, within 1 hour initiate and maintain operation of the Control Room Emergency Ventilation System in the recirculation mode of operation; restore the inoperable detection system to OPERABLE status within 30 days.

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3.5 COMMUNICATIONS

3.5.1 Control Room

Direct communication shall be maintained between the Control Room or the Command Center and personnel in the Reactor Building. As stated in Table 6.2-1, the additional SOL or SOL Limited to Fuel Handling, notwithstanding location, will have direct communications with personnel in the Reactor Building performing CORE ALTERATIONS.

APPLICABILITY: During CORE ALTERATIONS

ACTION:

When direct communication between the Control Room or the Command Center and personnel in the Reactor Building, as stated in the above specification, cannot be maintained, suspend all operations involving CORE ALTERATIONS and restore communications to OPERABLE status.

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3.9 RADIOACTIVE WASTE STORAGE

SPENT FUEL STORAGE POOL "A" WATER LEVEL MONITORING

3.9.1 Two independent Spent Fuel Storage Pool "A" Water Level monitoring instruments shall be OPERABLE.

APPLICABILITY: Whenever any Canister containing core material is in the Spent Fuel Storage Pool "A".

ACTION:

- a. With only one Spent Fuel Storage Pool "A" water level monitoring instrument OPERABLE, immediately verify that the water level is within limits, re-verify the level at least once per 24 hours and restore a second instrument to OPERABLE status within 7 days.
- b. With no Spent Fuel Storage Pool "A" Water Level monitoring instruments OPERABLE, terminate all activities involving any Canister containing core material in or over Spent Fuel Storage Pool "A" and all operations involving changes in Spent Fuel Storage Pool "A" water inventory and restore at least one instrument to OPERABLE status within 24 hours.

SPENT FUEL STORAGE POOL "A" WATER LEVEL

3.9.2 The water level in Spent Fuel Storage Pool "A" shall be maintained as specified per NRC approved procedures.

APPLICABILITY: Whenever any Canister containing core material is in the Spent Fuel Storage Pool "A".

ACTION:

With Spent Fuel Storage Pool "A" Water Level not in accordance with approved procedures, terminate all activities involving any Canister containing core material in or over Spent Fuel Storage Pool "A" and restore the water level to within specification within 24 hours.

FUEL TRANSFER CANAL (DEEP END) WATER LEVEL MONITORING

3.9.3 Two independent Fuel Transfer Canal (Deep End) Water Level monitoring instruments shall be OPERABLE.

APPLICABILITY: Whenever any Canister containing core material and/or the plenum assembly is in the Fuel Transfer Canal (Deep End).

ACTION:

- a. With only one Fuel Transfer Canal (Deep End) Water Level monitoring instrument OPERABLE, immediately verify that the water level is within limits, re-verify the level at least once per 24 hours and restore a second instrument to OPERABLE status within seven (7) days.

TABLE 4.3-7

ESSENTIAL PARAMETERS MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

INSTRUMENT	CHANNEL CHECK	CHANNEL ⁽¹⁾ CALIBRATION	READOUT LOCATION(S)	MINIMUM OPERABLE CHANNELS
1. Reactor Building Pressure	S	R	Control Room	2
2. Reactor Vessel Water Level	S/W ⁽²⁾	SA	Control Room ⁽²⁾	2 ⁽²⁾
3. Reactor Coolant System Temperature	S	R	CAB 217 & Control Room	1/Loop
4. Incore Thermocouples	S	R	Control Room or Cable Room	2
5. NI Intermediate Range Level Log N	M	R	CAB 217 & Control Room	1
6. NI Source Range Level	M	R	CAB 217 ⁽⁴⁾ & Control Room	2
7. Reactor Building Water Level	NA	SA	Control Bldg. Area West	1
8. Borated Water Storage Tank Level	S	R	Control Room	1
9. Steam Generator Level	NA	NA	NA	1/Generator
10. Decay Heat Removal Flow	M	R	CAB 217	1/Loop
11. Spent Fuel Storage Pool "A" Water Level	S/W ⁽²⁾	SA	Control Room ⁽²⁾ or Fuel Handling Bldg.	2 ⁽²⁾
12. Fuel Transfer Canal (Deep End) Water Level	S/W ⁽²⁾	SA	Control Room ⁽²⁾ or Reactor Bldg.	2 ⁽²⁾

(See following page for notes)