TABLE 3.3.7.1-1

RADIATION MONITORING INSTRUMENTATION

INSTRUMENTATION	MINIMUM CHANNELS OPERABLE	APPLICABLE CONDITIONS	ALARM/TRIP SETPOINT	ACTION
1. Control Room Ventilation Radiation Monitor	2/intake	1,2,3 and *	$\leq 2 \times 10^{-5}$ µC/cc**	71
2. Area Monitors				
a. Criticality Monitors				
1) New Fuel Storage Vault	1	#	$\geq$ 5 mR/hr and $\leq$ 20 mR/hr[(a)]	72
2) Spent Fuel Storage Pool	1	##	$\geq$ 5 mR/hr and $\leq$ 20 mR/hr[(a)]	72
b. Control Room Direct Radiation Monitor	1	At all times	2.5 mR/hr[(a)]	72
3. Reactor Auxiliaries Cooling Radiation Monitor	1	At all times	9×10^{-5} µC/cc[(a)]	73
4. Safety Auxiliaries Cooling Radiation Monitor	1/loop	At all times	6×10^{-5} µC/cc[(a)]	73
5. Offgas Pre-treatment Radiation Monitor	1	***	(b)	74

TABLE 3.3.7.1-1 (Continued)

RADIATION MONITORING INSTRUMENTATION

TABLE NOTATION

*When recently irradiated fuel is being handled in the secondary containment and during operations with the potential for draining the reactor vessel.
**Activates control room emergency filtration system.
***When the offgas treatment system is operating.
#With fuel in the new fuel storage vault.
##With fuel in the spent fuel storage pool.
(a)Alarm only.
(b)Alarm setpoint to be set in accordance with Specification 3.11.2.7.

TABLE 4.3.7.1-1

RADIATION MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

INSTRUMENTATION	CHANNEL CHECK	CHANNEL FUNCTIONAL TEST	CHANNEL CALIBRATION	OPERATIONAL CONDITIONS FOR WHICH SURVEILLANCE REQUIRED
1. Control Room Ventilation Radiation Monitor	S	Q	R	1, 2, 3, and *
2. Area Monitors				
a. Criticality Monitors				
1) New Fuel Storage Vault	S	Q	R	#
2) Spent Fuel Storage Pool	S	Q	R	##
b. Control Room Direct Radiation Monitor	S	Q	R	At all times
3. Reactor Auxiliaries Cooling Radiation Monitor	S	Q	R	At all times
4. Safety Auxiliaries Cooling Radiation Monitor	S	Q	R	At all times
5. Offgas Pre-treatment Radiation Monitor	S	Q	R	**

TABLE 4.3.7.1-1 (Continued)

RADIATION MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

TABLE NOTATION

#With fuel in the new fuel storage vault.
##With fuel in the spent fuel storage pool.
*When recently irradiated fuel is being handled in the secondary containment and during operations with the potential for draining the reactor vessel.
**When the offgas treatment system is operating.

PLANT SYSTEMS

3/4.7.2 CONTROL ROOM EMERGENCY FILTRATION SYSTEM

LIMITING CONDITION FOR OPERATION

3.7.2 Two independent control room emergency filtration system subsystems shall be OPERABLE with each subsystem consisting of:

a) One control room supply unit,
b) One filter train, and
c) One control room return air fan.

APPLICABILITY: OPERATIONAL CONDITIONS 1, 2, 3, and *.

ACTION:

a. In OPERATIONAL CONDITION 1, 2 or 3, with one control room emergency filtration subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 7 days or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

b. In OPERATIONAL CONDITION *:

1. With one control room emergency filtration subsystem inoperable, restore the inoperable subsystem to OPERABLE status within 30 days or initiate and maintain operation of the OPERABLE subsystem in the pressurization/recirculation mode of operation.

2. With both control room emergency filtration subsystems inoperable, suspend handling of recently irradiated fuel in the secondary containment and operations with a potential for draining the reactor vessel.

c. The provisions of Specification 3.0.3 are not applicable in Operational Condition *.

SURVEILLANCE REQUIREMENTS

4.7.2 Each control room emergency filtration subsystem shall be demonstrated OPERABLE:

a. At least once per 12 hours by verifying that the control room air temperature is less than or equal to 85°F#.

b. At least once per 31 days on a STAGGERED TEST BASIS by initiating, from the control room, the control area chilled water pump, flow

*When recently irradiated fuel is being handled in the secondary containment and during operations with a potential for draining the reactor vessel.

#This does not require starting the non-running control emergency filtration subsystem.