

TABLE 3.3.7.1-1

RADIATION MONITORING INSTRUMENTATION

INSTRUMENTATION		MINIMUM CHANNELS OPERABLE	APPLICABLE CONDITIONS	ALARM/TRIP SETPOINT	ACTION
1.	Fuel Handling Area Vent Exhaust Radiation Monitor (Noble Gas)	1	**	≤ 1500 cpm	70
2.	Offgas Post-treatment Radiation Monitor	1	*	$\leq 1 \times 10^6$ cpm ^(b)	71
3.	Control Room Ventilation Radiation Monitor (Noble Gas)	1	ALL OPERATIONAL CONDITIONS and ***	≤ 800 cpm	72
4.	Offgas Pre-treatment Radiation Monitor	1	*	(c)	73
5.	Area Monitors				
a.	Criticality Monitors				
1)	Fuel Pre- paration Pool	1	#	≥ 5 mR/hr and ≤ 20 mR/hr	74
2)	Spent Fuel Storage Pool	1	##	≥ 5 mR/hr and ≤ 20 mR/hr	74
3)	Upper Contain- ment Pools	1	###	≥ 5 mR/hr and ≤ 20 mR/hr	74
b.	Control Room Area Radiation Monitor	1	At all times	≤ 2.5 mR/hr ^(a)	75

No Changes
for Information

PY-CET/NRR-1579 L
Attachment 2
Page 1 of 3

PERRY - UNIT 1

3/4 3-62

9303170132 930312
PDR ADDCK 05000440
PDR

TABLE 3.3.7.1-1 (Continued)
RADIATION MONITORING INSTRUMENTATION

TABLE NOTATION

- * When the offgas treatment system is operating.
- ** With irradiated fuel in the Fuel Handling Building.
- *** When irradiated fuel is being handled in the Fuel Handling Building or primary containment.
- (a) Alarm only.
- (b) Isolates the offgas system.
- (c) Alarm setpoint to be set in accordance with Specification 3.11.2.7.
- # With fuel in the fuel preparation pool.
- ## With fuel in the spent fuel storage pool.
- ### With fuel stored in the upper containment pools.

No Changes
for Information

RADIATION MONITORING INSTRUMENTATION

PY-CEI/NRR-1579 L

Attachment 2

Page 3 of 3

ACTION

- ACTION 70 - With the required monitor inoperable, obtain and analyze at least one grab sample of the monitored parameter at least once per 24 hours. In addition, with the Unit 1 Vent noble gas monitor inoperable, restore the inoperable noble gas monitor to OPERABLE status within 24 hours or place the inoperable noble gas monitor in the tripped condition.
- ACTION 71 - With the required monitor inoperable, release via this pathway may continue provided grab samples are taken at least once per 8 hours and these samples are analyzed for gross activity within 24 hours.
- ACTION 72 - With the required monitor inoperable, assure a portable continuous noble gas monitor or the Control Room Area Radiation Monitor is OPERABLE in the control room within 24 hours. ~~Restore the inoperable monitor to OPERABLE status within 7 days. Otherwise, initiate and maintain operation of the control room emergency filtration system in the isolation mode of operation within 1 hour.~~
- ACTION 73 - With the number of channels OPERABLE less than required by Minimum Channels OPERABLE requirement, release via this pathway may continue for up to 30 days provided:
- The offgas system is not bypassed, and
 - The offgas post-treatment monitor is OPERABLE, and
 - Grab samples are taken at least once per 8 hours and analyzed within the following 4 hours;
- Otherwise, be in at least HOT SHUTDOWN within 12 hours.
- ACTION 74 - With the required monitor inoperable, assure a portable area radiation monitor with the same alarm setpoint is OPERABLE in the vicinity of the installed monitor during any fuel movement. If no fuel movement is being made, perform area surveys of the monitored area with portable monitoring instrumentation at least once per 24 hours.
- ACTION 75 - With the required monitor inoperable, perform area surveys of the monitored area with portable monitoring instrumentation at least once per 24 hours.

Otherwise, within 1 hour, either:

- Initiate and maintain operation of at least one of the control room emergency recirculation subsystems in the emergency recirculation mode of operation, or
- In OPERATIONAL CONDITIONS 1, 2 or 3, be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours. In OPERATIONAL CONDITIONS 4, 5 or ***, suspend CORE ALTERATIONS, handling of irradiated fuel in the Fuel Handling Building and the primary containment, and operations with a potential for draining the reactor vessel.

PERRY - UNIT 1