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AR 00928211 Report

Aff Fac:	Oyster Creek	AR Type:	CR	Status:	APPROVED
Aff Unit:	NA	Owed To:	A5332CAP	Due Date:	07/05/2009
Aff System:	--			Event Date:	06/04/2009
CR Level/Class:	/			Disc Date:	06/04/2009
How Discovered:	H02			Orig Date:	06/05/2009
WR/PIMS AR:		Component #:			

Action Request Details

Subject: TRITIUM RESULTS FROM UNDERGROUND VAULT INSPECTIONS

Description: Originator: JHANSI R KANDASAMY Supv Contacted: Pete Orphanos, Dave Dicello.

Condition Description:

Tritium Sample analysis were performed on water found in electrical vaults and one pipe vault in support of scheduled cable and pipe inspections. The work orders are R2139427 and C02019960.

Two out of four vaults were found with Tritium activity:

1. Electrical Vault located near the M1A Xfmr (SBO MH-1) - 102,000pCi/l - previous inspection performed in February 2009 was LLD - This vault is in the vicinity of the other Monitoring wells in review for the Tritium issues management team.
2. SE RB pipe vault - located inside of the RCA - 14, 200pCi/l - This vault has had history of Tritium activity in the past - in the vicinity of the ISO condenser vent condensation run off.
3. Switchyard vault on the opposite side of the canals was LLD.
4. The Vault at the CTs was LLD. This is located at the backsite Forked River, Combustion Turbine area

There were no Gamma activity in the samples.

Regulatory Assurance performed a reportability review and determined both positive results to be not reportable due to previous reports on the GW tritium inspection and Iso-condenser activities

Immediate actions taken:

Completed data review of the results and past results.
Completed reportability review
Generated the IR for further actions

Recommended Actions:

Complete an EOC review of the following and any other potential concerns

with other vaults including potential contributors of Tritium activity in the following:

AR A2205002 documents the inspection of the pipe vault - There are six pipes in the vault requiring inspection as listed below :

- 1) 4 INSTRUMENT AIR LINE (CS-10)
- 2) 4 INSTRUMENT AIR LINE 2 (CS-11)
- 3) 2 LAUNDRY DRAIN LINE (CS-6)
- 4) 3 REACTOR BUILDING SUMP LINE (CS-7)
- 5) 2 DWEDT LINE (CS-8).
- 6) A 14 INCH CONTAINMENT SPRAY LINE

There are two lines in the vicinity of the M1A transformer vault - that also need to be reviewed as EOC:

- 1) 4" abandoned Demin water line

- 2) 12" FP line

The water pumped out of the SE RB vault will be pumped into a FRAC tank instead of processing through RW.

What activities, processes, or procedures were involved?

Environmental stewardship for Vault inspections - sampling of water found in vaults

List of knowledgeable individuals:

Jay Vouglitois, Matt, Nixon, Tom Dunn, the leadership team.

Operable Basis:

Reportable Basis:

Assignments

Assign #:	<u>01</u>	Assigned To:		Status:	AWAIT/C
Aff Fac:	Oyster Creek	Prim Grp:	ACAPALL	Due Date:	06/10/2009
Assign Type:	TRKG	Sec Grp:		Orig Due Date:	μμ/μμ/μμμμ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	TRITIUM RESULTS FROM UNDERGROUND VAULT INSPECTIONS				