

AR 00907846 Report

Aff Fac:	Oyster Creek	AR Type:	CR	Status:	APPROVED
Aff Unit:	NA	Owed To:	ACAPALL	Due Date:	05/15/2009
Aff System:	--			Event Date:	04/15/2009
CR Level/Class:	/			Disc Date:	04/15/2009
How Discovered:	H02			Orig Date:	04/15/2009
WR/PIMS AR:		Component #:			

Action Request Details

Subject: TRITIUM IDENTIFIED IN ESW VAULT

Description: Originator: MATTHEW J NIXON Supv Contacted: Jhansi Kandasamy

Condition Description:

In preparation for work inside the Emergency Service Water vault, water found inside the vault was pumped into drums and sampled for gamma emitters, tritium, and pH. There were no gamma emitters identified, pH was 7.62 and tritium was 102,000 pCi/l. The reporting threshold to the New Jersey DEP for tritium is 2,000 pCi/l.

Immediate actions taken:

The New Jersey DEP was notified of the sample results and a potential release of tritium to the soil. It was also iterated that the water was contained in a concrete vault and being pumped into drums.

A prompt investigation (PINV) was initiated.

Additional samples were obtained for tritium analysis - drum of original water from vault, drum of current water being transferred from vault, and a sample from the vault.

Normandeau Associates were contacted to pick up duplicate samples for analysis by Teledyne Brown Engineering.

Recommended Actions:

Complete PINV. Identify potential sources.

What activities, processes, or procedures were involved?

Sampling of vault water prior to discharge.

Why did the condition happen?

Unkown

What are the consequences?

Reported to New Jersey DEP as potential reportable release.

Were any procedural requirements impacted?

N/A

Were there any adverse physical conditions?

Unkown

List of knowledgeable individuals:

Jhansi Kandasamy

Leanne Birkmire

Matt Nixon

Jay Vouglitios

F-24

Repeat or similar condition?
No

Operable Basis:

Reportable Basis:

OP-AA-106-101 notifications were made to NJ Dept of Env Prot, ENS
notifications made to NRC, PINV

Reviewed by: HERBERT G TRITT II 04/16/2009 04:18:16 CDT

Reviewer Comments:

none

Assignments

Assign #:	<u>01</u>	Assigned To:		Status:	AWAIT/C
Aff Fac:	Oyster Creek	Prim Grp:	ACAPALL	Due Date:	04/20/2009
Assign Type:	TRKG	Sec Grp:		Orig Due Date:	μμ/μμ/μμμμ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	TRITIUM IDENTIFIED IN ESW VAULT				