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AR 00914347 Report

Aff Fac:	Oyster Creek	AR Type:	CR	Status:	COMPLETE
Aff Unit:	NA	Owed To:	A5332CAP	Due Date:	05/31/2009
Aff System:	--			Event Date:	04/29/2009
CR Level/Class:	4/D			Disc Date:	04/29/2009
How Discovered:	H02			Orig Date:	05/01/2009
WR/PIMS AR:		Component #:			

Action Request Details**Subject:** LESSON LEARNED TRITIUM ANALYSIS IN THE HOT LAB**Description:**

Originator: LEANNE K BIRKMIRE Supv Contacted: Jhansi Kandasamy

Condition Description:

On 04/29/09 tritium samples were taken for support of the tritium ACMP. One of these sample had known tritium activity. When the samples were distilled the sample with known tritium activity was distilled first after a blank for cleanliness verification. After the sample with known tritium activity was run it contaminated the sample that was run after it.

Immediate actions taken:

The samples were distilled again with a blank and then the samples were run. The samples were distilled from the least amount of tritium based on previous results to the highest amount of tritium based on previous results and then a blank was run to verify cleanliness of the distillation after all samples were complete.

Recommended Actions:

Samples were re-run and results were consistent with what was expected and previous results. Technician involved was briefed on the logistic of sequencing analysis.

Operable Basis:

N/A

Reportable Basis:

N/A

Reviewed by: HERBERT G TRITT II 05/02/2009 02:22:38 CDT

Reviewer Comments:

none

SOC Reviewed by: JAMES J VOUGLITOIS 05/04/2009 11:59:32 CDT

SOC Comments:

Follow up Chemistry

05/04/09 JJV: Close to actions taken.

Reviewed by: PHILIP E OLIVIERI 05/05/2009 08:14:12 CDT

Reviewer Comments:

Coaching was provided to technicians and participants in tritium analysis from other sites that sample prep distillations should be performed starting with sampels with lowest activity, absed on previous results, to

sampels with greatest activity to avoid cross-contamination.

Dynamic AR Attributes

CREW RESET1: Chemistry **KEYWORD:** LL

Trend Codes

TC1	TC2	TC3	Proc	Org	Rank
ECY103	*	*	CY90	CH	P

Assignments

Assign #:	<u>01</u>	Assigned To:	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	Due Date:	05/06/2009
Assign Type:	TRKG	Sec Grp:	Orig Due Date:	
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description:	LESSON LEARNED TRITIUM ANALYSIS IN THE HOT LAB			

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