

Go Back

Print | New Search | Home

AR 00907846 Report

Aff Fac:	Oyster Creek	AR Type:	CR	Status:	APPROVED
Aff Unit:	NA	Owed To:	A5351CAP	Due Date:	12/10/2010
Aff System:	--			Event Date:	04/15/2009
CR Level/Class:	3/A			Disc Date:	04/15/2009
How Discovered:	H02			Orig Date:	04/15/2009
WR/PIMS AR:	A2222268	Component #:	424		

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

Repeat or similar condition?
NoOperable Basis:
N/AReportable Basis:
OP-AA-106-101 notifications were made to NJ Dept of Env Prot, ENS
notifications made to NRC, PINVReviewed by: HERBERT G TRITT II 04/16/2009 04:18:16 CDT
Reviewer Comments:
noneSOC Reviewed by: THOMAS S LONSDALE 04/21/2009 09:18:46 CDT
SOC Comments:
CONDENSATE TRANSFER WATER SYSTEM-11,CH

04/17/09 SOC: Follow-up Chemistry

4/20/09 TAP - Significance level 3 due to Contamination above normal
levels resulting from unplanned events.4/21/09 RCL: Environmental keyword added. PINV complete. Sig 3 due to
contamination above normal levels resulting from unplanned events.
Complex troubleshooting action plan (CTSAP) in progress and assigned. Risk
High - Uncertainty Med, engineering will per a Root Cause Evaluations,
Class A. Close to Root Cause assignments made, PINV, CTSAP, and PIMS AR
A2222268 pulled through.**Dynamic AR Attributes**

CAP QUALTY REJECT:	5	KEYWORD:	Environmental
MRC SCREEN DATE:	20090619		

Trend Codes

TC1	TC2	TC3	Proc	Org	Rank
EQM	PIP	*	*	*	P
3M	4SL	5NS	*	*	
3M	4SL	5CI	*	*	
3D	4PR	5NI	*	*	
3M	4OE	5IF	*	*	
3M	4SL	5CI	*	*	
3C	4TL	5TP	*	*	

Assignments

Assign #:	<u>01</u>	Assigned To:		Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	ACAPALL	Due Date:	04/20/2009
Assign Type:	TRKG	Sec Grp:		Orig Due Date:	
Priority:					

Schedule Ref:					
Unit Condition:					
Subject/Description: TRITIUM IDENTIFIED IN ESW VAULT					
Assign #:	<u>02</u>	Assigned To:	U000PO3	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5332CHEM	Due Date:	04/20/2009
Assign Type:	PINV	Sec Grp:		Orig Due Date:	04/20/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description: Perform PINV following Management approval, submit to NDO Mailbox and NRC Resident.					
Assign #:	<u>03</u>	Assigned To:	U777KCL	Status:	ACC/ASG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	07/28/2009
Assign Type:	FMCT	Sec Grp:		Orig Due Date:	05/28/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description: Complete CTSAP for buried pipe leak. Post the CTSAP to the corporate engineering website after all legs of the CTSAP have been completed or ruled out.					
Assign #:	<u>04</u>	Assigned To:	U998RL8	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	04/24/2009
Assign Type:	RCCH	Sec Grp:		Orig Due Date:	04/24/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description: Create Root Cause Charter					
Assign #:	<u>05</u>	Assigned To:	U998RL8	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	05/01/2009
Assign Type:	MRC	Sec Grp:		Orig Due Date:	04/27/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description: Present Root Cause Charter to MRC					
Assign #:	<u>06</u>	Assigned To:	NRSTY	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	05/05/2009

Assign Type:	ACIT	Sec Grp:		Orig Due Date:	05/05/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Create two week update on Root Cause				
Assign #:	<u>07</u>	Assigned To:	NRSTY	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	05/07/2009
Assign Type:	MRC	Sec Grp:		Orig Due Date:	05/06/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Present two week update to MRC				
Assign #:	<u>08</u>	Assigned To:	NRSTY	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	06/08/2009
Assign Type:	RCR	Sec Grp:		Orig Due Date:	05/26/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Complete Root Cause Report				
Assign #:	<u>09</u>	Assigned To:	NRSTY	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	06/19/2009
Assign Type:	MRC	Sec Grp:		Orig Due Date:	06/09/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Present RCR to MRC				
Assign #:	<u>10</u>	Assigned To:	NRSTY	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	06/05/2009
Assign Type:	NER	Sec Grp:		Orig Due Date:	05/19/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Review For NER and submit to Reg Assurance.				

Assign #:	<u>11</u>	Assigned To:	U777RBG	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	05/05/2009
Assign Type:	OTDM	Sec Grp:		Orig Due Date:	05/05/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Prepare and issue OTDM for leak in condensate transfer system piping				
Assign #:	<u>12</u>	Assigned To:	U998LC9	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5331RP	Due Date:	08/20/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	08/20/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Enter Release results in 50.75G file index				
Assign #:	<u>13</u>	Assigned To:	NRSTY	Status:	COMPLETE
Aff Fac:	Oyster Creek	Prim Grp:	A5351CAP	Due Date:	07/06/2009
Assign Type:	NNOE	Sec Grp:		Orig Due Date:	07/06/2009
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Issue NNOE to Reg Assurance for processing				
Assign #:	<u>14</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	12/10/2010
Assign Type:	CAPR	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	CAPR - Implement Buried Pipe Strategic Plan Implement a strategic plan that includes moving direct buried Condensate Transfer System piping either above ground or in monitored trenches (Root Cause 1)				
Assign #:	<u>15</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	09/25/2009
Assign Type:	CAPR	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					

Unit Condition:				
Subject/Description: Perform a thorough program assessment Perform a thorough program assessment and revise the program basis document (i.e., TR-116) to correct errors in plant design details, risks, consequences, and recommend inspection frequencies and methods following the assessment (Root Cause 2)				
Assign #:	<u>16</u>	Assigned To:	U001FHR	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5352NESDM	Due Date: 12/11/2009
Assign Type:	CA	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Develop Engineered Solutions for Buried Pipe Site Design Engineering develop engineered solutions for bringing buried piping above ground or entrenching the pipes.				
Assign #:	<u>17</u>	Assigned To:	NRSTY	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date: 08/28/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Perform Extent of Condition Review Perform an extent of condition review for maintenance performed on direct buried piping prior to implementation of the Exelon Buried Pipe Program				
Assign #:	<u>18</u>	Assigned To:	U777KCL	Status: INPROG
Aff Fac:		Prim Grp:	A5351NESPR	Due Date: 10/30/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Evaluate installing cathodic protection Evaluate installing sacrificial anodes/impressed current to mitigate galvanic corrosion and present to PHC.				
Assign #:	<u>19</u>	Assigned To:	U777KCL	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date: 10/30/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Document As-Left Condition of Program Piping Clearly document As-Left conditions of buried piping in the program basis document.				

Assign #:	<u>20</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	07/31/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Review CREM for 2009 Leak Repairs for Adequacy Review work packages associated with the 2009 leak for adequate closure documentation, documentation of as-left conditions, and documentation of compliance with guidance documents for the work performed				
Assign #:	<u>21</u>	Assigned To:	U777BPM	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5320MAINT	Due Date:	09/25/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Maintenance CRC evaluate the need for coatings training Maintenance Curriculum Review Committee evaluate the need for work group training on buried pipe coating application.				
Assign #:	<u>22</u>	Assigned To:	U777CFL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5350EM	Due Date:	09/25/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Engineering CRC evaluate training on pipe coatings Engineering Curriculum Review Committee evaluate the need for work group training on buried pipe coating application.				
Assign #:	<u>23</u>	Assigned To:	U000MS7	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5325CAP	Due Date:	08/28/2009
Assign Type:	CA	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Help Ensure Documentation of As-Left Conditions in W/Os Institutionalize guidance to document As-Left conditions in work order closure documentation following excavations				
Assign #:	<u>24</u>	Assigned To:	U777BPM	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5320CAP	Due Date:	09/25/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	
Priority:					

Schedule Ref:				
Unit Condition:				
Subject/Description: MA CRC evaluate training on W/O closure Maintenance Curriculum Review Committee evaluate the need for work group training on work order closure quality.				
Assign #:	<u>25</u>	Assigned To:	U777CFL	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5350EM	Due Date: 09/25/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Engineering CRC evaluate the need for W/O closure training Engineering Curriculum Review Committee evaluate the need for work group training on work order closure quality.				
Assign #:	<u>26</u>	Assigned To:	U000MS7	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5325CAP	Due Date: 08/28/2009
Assign Type:	CA	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Ensure Engineering review of CREM for buried pipe repairs Incorporate signatures for Engineering inspection/approvals for pipe repair and replacement in work orders to ensure the desired results through maintenance are being achieved.				
Assign #:	<u>27</u>	Assigned To:	U777DJA	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5352NESDM	Due Date: 12/18/2009
Assign Type:	CA	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Update buried piping design documents to as-built conditions Update buried piping design documents to as-built conditions				
Assign #:	<u>28</u>	Assigned To:	U777KCL	Status: INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date: 09/28/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description: Review the buried piping database for inaccuracies Review the Oyster Creek buried piping database for inaccuracies				

Assign #:	<u>29</u>	Assigned To:		Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	09/28/2009
Assign Type:	CA	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Update the Oyster Creek buried pipe database Update the Oyster Creek buried pipe database following reviews completed per Passport ATI 907846 Assignment 28				
Assign #:	<u>30</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	10/16/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Review G-Wave and Ultrasonic results from previous inspects Review Guided Wave and Ultrasonic results from previous inspections for indications of non-conservative results.				
Assign #:	<u>31</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	12/04/2009
Assign Type:	EFRS	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Determine % of CT pipe left out of strategic plan Determine the percentage of Condensate Transfer System piping that remains direct buried without inclusion in the strategic plan following 1R23.				
Assign #:	<u>32</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	07/15/2010
Assign Type:	EFR	Sec Grp:		Orig Due Date:	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Monitor the health of the program for improvements Monitor the health of the program for improvements based on corrected program basis document. Use the Program Health Report PI and metrics.				
Assign #:	<u>33</u>	Assigned To:	U777KCL	Status:	INPROG
Aff Fac:	Oyster Creek	Prim Grp:	A5351NESPR	Due Date:	07/17/2009
Assign Type:	ACIT	Sec Grp:		Orig Due Date:	

Priority:

Schedule Ref:

Unit Condition:

Subject/Description: Develop a schedule for periodic focused area assessments Develop a schedule for periodic focused area assessments of the site's buried pipe program on a set frequency.