F:\OC-LR-info\F.wpd

TOP CLASSIFICATION: UNCLASSIFIED
NRC INSP./TEAM: ~~Example~~ 05000219/2006-013
DOCUMENT SOURCE: ~~Examples:~~ LICENSEE FINAL ~~OR DRAFT~~ Document

DOCUMENT PROVIDER: Tim O"Hara (2/23/07)

ADAMS PROFILE INFORMATION
PROFILE TAB: 10/27/06
Document Date: ~~varies - see list below~~ ~~(3/24/06 TO 10/27/06)~~

Document Type: Licensee Document

Availability: Non-Publicly Available (ALWAYS)

Title: Various ARs 3/24/06 to 10/27/06
(Copy this list as part of one file)

AR 00470325, 3/24/06
AR 00523259, 8/24/06
IR 00547025, 10/20/06
AR 00545422, 10/18/06
IR 00546693, 10/20/06
IR 00546932, 10/19/06
IR 00546915, 10/19/06
IR 00546269, 10/19/06
IR 00547397, 10/22/06
AR 00550437, 10/28/06
AR 00548459, 10/24/06
AR 00546932, 10/20/06
AR 00545835, 10/18/06
AR 00551910, 11/01/06
IR 00545251, 10/17/06
AR 00546049, 10/19/06
AR 00548568, 10/25/06
AR 00551897, 11/01/06
AR 00546049, 10/19/06
AR 00547236, 10/21/06
AR 00548227, 10/24/06
AR 00550022, 10/27/06
AR 00550181, 10/27/06
AR 00548459, 10/24/06

Keyword [MV]: SUNSI Review Complete: Yes (ALWAYS)
+Template: RGN-001
(Pick one)

Document Sensitivity: Non-Sensitive, Licensee document

SECURITY TAB:
RI DRS-BS as Owner
DPC as Owner
OGC as Author
NRR as Viewer
RI as Viewer

Once saved, copy to DPC under Normal Processing
Move Processed Document into ADAMS Profiling Complete Folder in WP

Profile Complete Date:_____ Initials:_____

Go Back

Print | New Search | Home

AR 00470325 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	COMPLETE
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	04/23/2006
Aff System:	187			**Event Date:**	03/24/2006
CR Level/Class:	4/D			**Disc Date:**	03/24/2006
How Discovered:	H02			**Orig Date:**	03/24/2006
WR/PIMS AR:	A2139074	**Component #:**	TORUS		

Action Request Details

Subject: TORUS/TORUS ROOM MINOR DEFICIENCIES

Description:

Originator: ROBERT J BARBIERI Supv Contacted: H. Ray

Condition Description:
While performing a routine walkdown, the following minor deficiencies were noted:
1. Three of the five buckets which collect water from the sandbed drains were full. There is no leakage currently as there was no water on the floor or evidence of flow in the lines. However, the buckets should be emptied and monitored for possible future leakage.
2. Most of the baseplate supports were in excellent condition. However there was one which should be cleaned and coated. This is not a major concern at this time but needs to be captured in a PIMS AR.
3. There were some mid bay supports which should be cleaned and coated. This should include the vertical members. This condition is not a major concern at this time but should be captured in a PIMS AR.
4. There was a chip in the coating on a mid-bay strap. This chip is located near the floor drain riser. It is not an immediate concern and can be performed later.
5. Some of the radiation barrier ropes and signs were down, but the barrier perimeter could be identified. All ropes and signs should be restored and the contamination and high radiation areas should be clearly marked. This should include the areas under and behind the Torus. This is of particular importance so that routine inspections can be made and which includes all areas behind the Torus.
6. There were some minor housekeeping items which should be removed, such as a screw driver and pliers under the Torus.

Immediate actions taken:
Verified that all conditions noted were minor in nature and were not an immediate concern.

Recommended Actions:
Create PIMS AR/s to include the following:
1. Empty all buckets in the Torus room and ensure that tubing is properly connected after buckets are emptied.
2. Perform coating repairs to all supports and mid bay strap. All areas should be cleaned and recoated in accordance with existing procedures.
3. Perform necessary radiation surveys and restore all signs and barriers as appropriate.
3. Perform a housekeeping tour of the area a remove all unnecessary debris.

Operable Basis:
GRH: The primart containment is not impacted by any of these defficencies, they are all minor in nature, and do not affect any SSC.

Reportable Basis:
not reportable.

Reviewed by: GLENN R HUTTON 03/24/2006 13:16:18 CST
Reviewer Comments:
no comments.

SOC Reviewed by: THOMAS A POWELL 03/30/2006 05:48:42 CST
SOC Comments:
3/26/06 tas Close to PIMS AR for coating
.
3/27/06 ARJ - To follow up for the IR that talked about radiological postings within the torus room. RPTs made an inspection and updated / straightened up the radiological postings. It should be noted that "there were no ropes or signs found down in the torus Rm as the IR had stated. At one spot the rope was moved inward so that work support could recoat a section of the torus and the rope had to be lowered to the floor where the torus wall drops to near floor level".
.
Followup Engineering
.
3/29/06 TAP - buckets have been emptied to allow trending of sand bed leakage. Close to PIMS AR.
.
Followup Engineering
.
3/30/06 TAP - Torus leak monitoring activities are being tracked on IR 348545. Close to PIMS AR.

Assignments

Assign #:	01	**Assigned To:**		**Status:**	COMPLETE
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	03/29/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	TORUS/TORUS ROOM MINOR DEFICIENCIES				

Go Back

Print | New Search | Home

AR 00523259 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	09/23/2006
Aff System:	187			**Event Date:**	08/24/2006
CR Level/Class:	4/D			**Disc Date:**	08/24/2006
How Discovered:	H03A			**Orig Date:**	08/24/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: CLOSE OUT OF RT R2088546 NOT PROPERLY DOCUMENTED

Description:

Originator: PETER TAMBURRO Supv Contacted: EDM - Ralph LArzo

Condition Description:
Repetitive Task R2088546 requires a walkdown of the torus to inspect five poly bottles. These poly bottles are intended to collect water that drain form the Sandbed Drains. This RT was recently implemented as the result of AR A2139074

The RT section 6 subsection A requires the following

document in the CREM if water is present, and if so what is the level in the bottle and the location of the bottle

This RT was implemented a results of A2139074 which documented that Oyster Creek was not meeting it commitments to periodically walkdown these bottle and observe for water. This deficiency was discovered during preparation of an NRC License Renewal inspection in March 2006. During the March Audit Oyster Creek committed that we would put in place a repetitive task to walkdown these bottles and record the amount of water in each bottle.

This RT was performed for the first time on 8/1/06. The CREM close out of the inspections says the following:

All SAT No Draining Required

Unfortunately these close out words do not document whether the bottles actually had water in them and the location. This does not meet the requirements of the RT which is to document if water is present and if how much.

Immediate actions taken:
Informed the Engineering Duty Manger and the system manages

Recommended Actions:
1) Immediately perform this RT again and document if, and how much water is observed in each bottle.

2) Revise the RT to instructor the inspector total have the water sampled by chemistry if water is found.

What activities, processes, or procedures were involved?
I was asked by the NRC Inspector for a status of the corrective actions associate with AR A2139074. I was specifically asked: has the plant observed any water since March of 2006?

In researching the AR I found that the RT was implemented and Oyster Creek had only performed the RT once since March. Unfortunately based on the CREM close out, I cannot report back to the NRC Inspector whether we found water in the bottles during our only scheduled inspection.

Please Note: Bob Barbieri did walkdown and observe these bottles in June 2006 during a Torus Room tour. He observed no water in the bottles at this time.

Operable Basis:
N/A

Reportable Basis:
N/A

SOC Reviewed by: THOMAS A POWELL 08/25/2006 06:11:44 CDT
SOC Comments:
8/25/06 TAP - Need Ops to clearly document the status of each bottle, if water was present, how much was it?

Reviewed by: THOMAS J BUSK 08/25/2006 09:55:58 CDT
Reviewer Comments:
A separate activity will need to be created on this RT for chemistry to sample (and what they are analyzing for). The OPS RT would need to be changed to notify chemistry to sample the contents and remove step to dump bottle. After Chemistry has taken the sample (s), have in Chemistry's activity to dump the bottle(s) per a pre-established level as determined by Eng. In this way OPS would not have to enter again just to dump the bottle since Chemistry is right there sampling.

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	08/29/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	CLOSE OUT OF RT R2088546 NOT PROPERLY DOCUMENTED				

Create another New Issue Create another Issue from '00547025' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00547025 **Originator:** CHRISTOPHER D WILSON **Submit Date:** October 20, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/20/2006 20:04
How Discovered Code:	H02
Event Date:	10/20/2006 20:04
Affected Unit:	01
Affected Sys:	570
Subject:	TROUGH DRAIN UNDER REACTOR PEDESTAL IS NOT SLOPED CORRECTLY
Equipment Defeciency Tag:	none
Tag Location:	na
MCRD:	N

Required Information

Condition Description:	Trough drain under reactor pedestal(drywell) is supposed to flow freely into 1-8 sump. However, it was noticed that water puddles in the drain. By taking measurements it was found that the pipe at the entrance to the sump is 7/16 inches higher than the lowpoint in the trough thus not allowing the trough to fully empty. Additionally, the concrete floor under the reactor is heavily pitted due to CRD leakage over the years. Eventually this could lead to exposing the rebar and allow mositure intrusion into the concrete floor
Immediate actions taken:	none
Recommendation for action:	Engineering to evaluate appropiate long term actions to prevent water accumalation in trough and evaluate the condition of the undervessel floor.
Supervisor Verbally Contacted	howie ray

Optional Additional Information

What activities, processes, or procedures were involved?	attempting to determine source of leakage into bay 5 trench
Why did the condition happen?	original construction and CRD flange leakage
List of Knowledgeable individuals:	Dave Ryan
Is this a repeat or similar condition?	no

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

AR 00545422 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	11/17/2006
Aff System:	187			**Event Date:**	10/17/2006
CR Level/Class:	/			**Disc Date:**	10/17/2006
How Discovered:	H01			**Orig Date:**	10/18/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: AS FOUND CONDITION OF DRYWELL LINER TRENCHES

Description: Originator: KARL F FISHER Supv Contacted: Frank Stulb

Condition Description:
On 10/17/06 NDE personnel attempted to perform the scheduled VT-1 and UT examinations of the drywell liner in the existing trenches in Bays 5 & 17. The work order for this activity is C2013479. The examinations were scheduled to follow the removal of sealant material from the trenches. The NDE examinations could not be performed due to the as found conditions in the trenches. There was evidence of water in each of the trenches. Approximately 5" of water was noted in Bay 5. In Bay 17 there was evidence of moisture at the bottom of the trench, but no standing water was present.
In both trenches the drywell liner surface is not clean enough to perform the visual and ultrasonic examinations.

Immediate actions taken:
Photographs were taken of the as found conditons and Site Engineering and the OCC were notified.

Recommended Actions:
Prepare the liner surfaces for the visual and ultrasonic examinations.

Operable Basis:

Reportable Basis:

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/23/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	pp/pp/pppp
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	AS FOUND CONDITION OF DRYWELL LINER TRENCHES				

Create another New Issue Create another Issue from '00546693' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00546693 **Originator:** PETER TAMBURRO **Submit Date:** October 20, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/20/2006 09:00
How Discovered Code:	H02
Event Date:	10/20/2006 09:00
Affected Unit:	NA
Affected Sys:	187
Subject:	INCONSISTENT ACCEPTANCE CRITERIA IN DRYWELL INSPECTION SPECI

Required Information

Condition Description:

During review of Drywell Vessel UT data for Internal Upper Location Bay 13 Area 13/31(52-13) in accordance with Specification IS 328227-004 Revision 13 it was found that the acceptance criteria in section 3.2.1, Table 1 was incorrectly entered. Table 1 of the specification states that the acceptance criteria for any one individual UT reading at this location is 0.675".

Section 3.2.1.1 documents the intent and basis for the criteria. The intent of the criteria is to provide a low threshold for all inspection results so that any unexpected reading in 2006 will be quickly identified and dispositioned. The criteria was developed from the thinnest individual reading point previously recorded in 2004 plus or minus a 20 mil tolerance for UT instrumentation uncertainty.

Review of calculation C-1302-187-E310-037 Rev 2., Appendix 5 Page A5-1 shows that the lowest recorded individual reading in 2004 was point 28 which was 0.562". Therefore with the plus or minus 20 mil tolerance the acceptance criteria in specification IS-328227-004 Rev. 13 table should have been 0.546" and not 0.675".

Please note the 2006 results for this location met all local and general criteria. The 2006 reading at point 28 was 0.562". There is no operabilty concern related to this inspection results

Immediate actions taken:	Informed manager Howie Ray and The Outage Engineering Control Center
Recommendation for action:	Revise Specification IS 328227-4 with correct critreia
Supervisor Verbally Contacted	Howie Ray and Dan Barnes

Optional Additional Information

What activities, processes, or procedures were involved?	During Review of Drywell Vessel UT data for Internal Upper Location Bay 13 Area 13/31(52-13) in accordance with Specification IS 328227-004 Revision 13.
Why did the condition happen?	Lack of Attention to detail by the specification preparer and reviewer.

TW

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

Create another New Issue Create another Issue from '00546932' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00546932 **Originator:** PETER TAMBURRO **Submit Date:** October 20, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/19/2006 13:00
How Discovered Code:	H02
Event Date:	10/19/2006 13:00
Affected Unit:	NA
Affected Sys:	187
Subject:	SEPARATION OF EPOXY COATING AT DW SHIELD WALL IN SANDBED
Equipment Defeciency Tag:	None
Tag Location:	None
MCRD:	N

Required Information

Condition Description:

During visual inspection of Drywell Vessel exterior coating in sandbed in bays 1, 7, 9 and 15 several areas were observed where an the epoxy repair of the floor and the original concrete floor have separated. The separation has caused a seam between the epoxy repair and the original concrete floor or the side of the concrete bioshield.

In 1992 during the Sandbed Sand removal and Drywell Vessel coating application project the concrete floor of the sanded was found degraded and uneven. This uneven floor prevented complete water drainage of the sanded by the five sandbed drain lines, which are evenly spaced through out the sandbed. The purpose of the floor and the drain lines is to route water that collects in the sandbed away for the Drywell Vessel.

As a result the floor was repaired in 1992 with an epoxy coating. The coating was applied in areas where the floor was uneven so that any water entering the sandbed would flow away from the vessel and be routed to the drains.

The 2006 inspections in bays 1, 7, 9 and 13 indicates the epoxy has separated from the transition where the epoxy meets the concrete floor or concrete bio shield.

The separated seams could potentially allow some water to get under the epoxy coating repair.

Please note inspection of these bays shows no degradation drywell vessel coating or the caulking between the vessel coating and the floor or the epoxy coating on the floor. Separated seams are located away from the Drywell Vessel and are located near concrete bio shield.

Operability
At this time the reactor cavity trough and drain line are performing their function, which is to keep leakage away from the drywell vessel.

Engineering has inspected the 5 poly bottles associated with the sandbed region drain lines every day since the beginning of the outage (R2088495). To date no water has been found in any of the bottles or

on the floor outside the sandbed bays. Also Engineering and NDE have inspected 5 of the 10 Drywell Sandbed bays. Although there are some stains representing potential previous water in bay 7; to date no water or moisture has been observed in these bays. The remaining 5 bays will be inspected in the next few days.

Engineering will continue to monitor (on a daily basis) the trough drain line for changes in flow rate and the five polyvinyl bottles for water.

Immediate actions taken: Informed Howie Ray and the Engineering Control Center

Recommendation for action: 1) Continue to monitor the five poly bottles and trough drain line per our commitments.

2) Recommend cleaning the joints and applying caulk at these seams to ensure water can not enter the seams.

Supervisor Verbally Contacted Howie Ray

Optional Additional Information

Routing

Owed To Group: ACAPALL

Routed to Group: CR-OSC

Create another New Issue Create another Issue from '00547236' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00547236 **Originator:** PETER TAMBURRO **Submit Date:** October 21, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/21/2006 13:00
How Discovered Code:	H02
Event Date:	10/21/2006 13:00
Affected Unit:	NA
Affected Sys:	187
Subject:	DEBRIS LOCATED IN BAYS 7 AND 11 SANDBED DRAIN LINES
Equipment Defeciency Tag:	None
Tag Location:	None
MCRD:	N

Required Information

Condition Description:

Inspection of the Sandbed Drain Lines in accordance with Specification IS-328227-004 Rev. 13 showed that the drain line in bay 7 has debris, which could cause blockage of this line. The debris looks like loose concrete. This does not meet the acceptance criteria in the specification per section 3.2.5.2.

In addition the inspection of the drain line in bay 11 shows some loose debris in the bottom of the line directly downstream of the first elbow. However the line is not blocked and meets the acceptance criteria.

Operability

The purpose of the drain lines is to route water in the sandbed from the drywell vessel. At this time the remaining 4 lines are capable of performing this function. In addition since the line in bay 7 is not completely blocked it too would partially perform its function by draining the sandbed. So far in 1R21 no water has entered the sandbed.

Engineering has inspected the 5 bottles every day since the beginning of the outage (R2088495). To date no water has been found in any of the bottles or on the floor outside the sandbed bays.

Also Engineering and/or NDE have inspected all 10 Drywell Sandbed bays. To date no water or moisture has been observed in these bays and the coating is in good condition..

Engineering will continue to monitor (on a daily basis) the trough drain line for changes in flow rate and the five polyvinyl bottles for water.

Immediate actions taken: Informed Howie Ray and the Engineering Control Center

Recommendation for action:

1) Continue to monitor the five poly bottles and trough drain line daily per our commitments

2) Recommend cleaning the drain lines in bays 7 and 11.

Supervisor Verbally Contacted	Howie Ray

Optional Additional Information

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

Create another New Issue Create another Issue from '00546915' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00546915 **Originator:** PETER TAMBURRO **Submit Date:** October 20, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/19/2006 09:00
How Discovered Code:	H02
Event Date:	10/19/2006 09:00
Affected Unit:	NA
Affected Sys:	572
Subject:	SMALL LEAKAGE IN THE REACTOR CAVITY TROUGH DRAIN LINE

Required Information

Condition Description:

On 10/19 about 12 hours after Reactor Cavity flood up, inspection found a small amount of leakage flow (about 1 gpm) coming from the reactor cavity trough drain line at V-18-131. The flow, which has since been monitored several times, is steady and continuous.

This leakage is most likely coming from the flooded reactor cavity through the stainless steel liner and the strippable coating that is applied to the cavity walls prior to flood up. Similar small amounts of leakage have been observed in past refueling outages with the coating applied.

The function of reactor cavity trough drain and the drain line is to capture leakage from the reactor cavity bellows seal and the stainless steel liner and keep it from flowing down the side of the drywell vessel.

Therefore this leakage is evidence that the strippable coating is not completely eliminating leakage through the stainless steel liner and entering the trough.

Operability

At this time the reactor cavity trough and drain line are performing their function, which is to keep leakage away from the drywell vessel.

The capacity of the trough and drain line is estimated to be greater than 50 gpm. Therefore the existing leakage rate, which is estimated to be about 1 gpm, is well within the capability of configuration and below regulatory action levels.

If the leakage were to flow over the trough and down the Drywell Vessel walls the water would eventually flow into the Sandbed, into the 5 Sandbed drain lines, and into the 5 polyvinyl bottles located in the Torus Room.

Engineering has inspected the 5 bottles every day since the beginning of the outage (R2088495). To date no water has been found in any of the bottles or on the floor outside the sandbed bays.

Also Engineering and NDE have inspected 7 of the 10 Drywell Sandbed bays. To date no water or moisture has been observed in these bays. The remaining 3 bays will be inspected in the next few days.

Engineering will continue to monitor (on a daily basis) the trough drain line for changes in flow rate and the five polyvinyl bottles for water.

TNP

Immediate actions taken:	Informed Howie Ray and the Engineering Contrrl Center
Recommendation for action:	1) Continue to monitor the five poly bottles and trough drain line daily per our commitments 2) Although the strippable coating is doing a pretty good job of reducing the leakage it is recommended the Engineering work with Outage Services and the coating vendor to improve the coating or application methods or modify the liner so that leakage can be completely eliminated. 3) Quantify the leak rate by timing how long it takes for the flow to fill a bucket with a known volume.
Supervisor Verbally Contacted	Howie Ray

Optional Additional Information

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

Create another New Issue Create another Issue from '00546269' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00546269 **Originator:** ROBERT J BARBIERI **Submit Date:** October 19, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/19/2006 09:00
How Discovered Code:	H02
Event Date:	10/19/2006 09:00
Affected Unit:	01
Affected Sys:	424
Subject:	WATER LEAKING ONTO TORUS
Work Against:	E
Component Unit:	1
Component System:	424
Component Category:	P
Component Type:	P
Component Number:	424
Equipment Defeciency Tag:	None
Tag Location:	None
MCRD:	N
Leakage Type:	W
Leakage Volume:	D

Required Information

Condition Description: While performing a walkdown in the Torus room, a puddle on the floor was noticed, and the source was identified to be coming from the top of the Torus. The puddle is in the same general location that was reported in IR 472348 in April 2006.

PIMS AR A2139363 was created to investigate and repair the leak that was found in April. However, the associated work order (C2013335) is complete. The CREM states only "Leak Repaired". There is no description of what was the nature of the failure, where it was, or what was done to correct it. Based on this information, I don't know if the current leak is the same leak from April, or a new one. Since the work order is complete, there is no tracking mechanism to follow up and ensure the leak has been stopped or will ever get fixed.

Immediate actions taken: Notified Manager and entered the event into the corrective action process.

Recommendation for action: 1. Determine source of leakage.

	2. Have Maintenance properly complete CREM for work order C2013335 to identify location and describe nature of failure and how it was reworked. 3. Repair leak in an expeditious manner. Water on Torus room floor could interfere with proper identification of leakage due to refueling activities.
Supervisor Verbally Contacted	T. Powell

Optional Additional Information

Why did the condition happen?	Unknown
What are the consequences?	Leakage onto the Torus and onto the Torus Room floor are unacceptable conditions.
Identify any adverse physical conditions:	Possible pipe leak and possible corrosion due to water on exposed steel surfaces.
List of Knowledgeable individuals:	Engineering Manager
Is this a repeat or similar condition?	Yes.

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

Create another New Issue Create another Issue from '00547397' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00547397 **Originator:** PETER TAMBURRO **Submit Date:** October 22, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/22/2006 08:00
How Discovered Code:	H02
Event Date:	10/22/2006 08:00
Affected Unit:	NA
Affected Sys:	187
Subject:	ELIMINATE THE SANDBED ACCESS TUNNEL SAND BAGS
Equipment Defeciency Tag:	None
Tag Location:	None
MCRD:	N

Required Information

Condition Description:

Replace the sandbags in the Sandbed access tunnels with hatches

In 1R21 all 10 Drywell Sandbed Days were inspected. Access to the sandbed is through ten 20 inch 8 foot long tunnels that were core bored into the Drywell Concrete Pedestal. The access tunnels were installed in 1992 during the project to remove the sand from the sandbed. After the project was completed the access tunnels were closed with sand bags that were laid inside the tunnels. The sandbags fill about 6 feet of the 8-foot long tunnels.

During preparation for the 1R21 inspections it become apparent that the removal and reinstallation of these sandbags places a high burden on personnel with respect ALARA exposure and safety. In order to remove the bags a person must lay in the tunnel and pass the bags across his body outside the tunnel. Conversely the same procedure is required to reinstall them. In addition the persons performing this work and attendants are receiving dose. In addition the bags have in the past broken and sand has spilled onto the tours room floor.

The solution to this burden would be the installed of hatch covers on the entrance to the tunnels and eliminate the need for the sandbags.

Review of the configuration change documents from the 1992 time shows the bags were placed in the tunnel as an extra added radiation reduction measure. However review of the basis calculation suggests that the additional expose in the torus room without the bags would be minimal.

Contact with a vendor indicates hatch could be delivered to Oyster Creek by Thursday 10/26

Immediate actions taken: Informed Howie Ray and the Engieering Control Center

Recommendation for action:	Recommendations 1) Approve an Outage scope add to replace the sandbags with hatches. 2) Develop an ECR
Supervisor Verbally Contacted	Howie Ray

Optional Additional Information

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

Go Back Print | New Search | Home

AR 00550437 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	11/27/2006
Aff System:	187			**Event Date:**	10/28/2006
CR Level/Class:	4/			**Disc Date:**	10/28/2006
How Discovered:	H02			**Orig Date:**	10/28/2006
WR/PIMS AR:		**Component #:**	187		

Action Request Details

Subject: CONCRETE VOID FOUND IN TROUGH ADJACENT TO DRYWELL SUMP

Description:

Originator: FRANCIS H RAY Supv Contacted: D. Kettering,

Condition Description:
After removing the debris while implementing cleaning activities on the under vessel area of the concrete trough to drywell sump interface associated with the advanced work activities provided in ECR 06-00879, engineering was notified by the field that a significant concrete void was found at the bottom of the trough adjacent to the outside corner of the drywell Sump. This void exists as a result of a glass object being embedded within the concrete surface at the bottom inside surface of the trough. This condition appears to have been caused by original construction and is a probable cause for the water leaking into the bay 5 trench identified in IR 546049.

Immediate actions taken:
The OCC was notified.

The drywell repair team developed plans for removing the object and repairing the concrete surface. An advanced work authorization (AWA No. 7) to ECR 06-00879 has been provided with repair details.

Recommended Actions:
1. Complete repair activities per ECR 06-00879 including completing full inspection of drywell sump liner to ensure that this issue has not impacted its integrity.

What activities, processes, or procedures were involved?
Field implementation of the approved Advance Work Authorizations provided in ECR 06-00879.

Why did the condition happen?
Appears to have been from original construction.

What are the consequences?
This condition is a probable cause of the water leaking into the Bay 5 trench. The water issue is being addressed under IR 546932.

Were there any adverse physical conditions?
The degraded concrete is a probable source of water leaking to the Bay 5 trench.

List of knowledgeable individuals:
P. Abate (Williams), D. Kettering, G. Sevcik, D. Ryan, OCC

Operable Basis:
REB This condition does not impact overabll containment operability and will be evaluated by engineering prior to startup.

Reportable Basis:

SOC Reviewed by: ROBIN E BROWN 10/29/2006 08:16:23 CST
SOC Comments:
10-29-06 REB Complete repair activities per ECR 06-00879.

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	11/02/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	CONCRETE VOID FOUND IN TROUGH ADJACENT TO DRYWELL SUMP				

AR 00548459 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	11/23/2006
Aff System:	187			**Event Date:**	10/24/2006
CR Level/Class:	4/D			**Disc Date:**	10/24/2006
How Discovered:	H02			**Orig Date:**	10/24/2006
WR/PIMS AR:		**Component #:**	187		

Action Request Details

Subject: LOCAL UT READING BELOW ACCEPTANCE CRITERIA

Description: Originator: PETER TAMBURRO Supv Contacted: Howie Ray

Condition Description:
During Review of Internal Drywell Vessel UT data for Elevation 23 in Bay 17 several local readings were less than the acceptance criteria in IS 328227-004 Revision 13 section 3.2.7.4 which stated that all local reading less than 0.655 shall be entered into the Corrective action and evaluation by Engineering..

The intent of the criteria is to provide a low threshold for all inspection results so that any unexpected readings in 2006 will be quickly identified and dispositioned.

This is the first time these locations have been inspected.

The inspection data indicates the two separate local readings in Bay 15 as 0.652 and 0.628.

In addition a third local reading of 0.655 was recorded at a different location in bay 17. This local value meets the criteria in IS 328227-004 Revision 13 section 3.2.7.4.

Operability
The Oyster Creek Drywell is operable based on Calculation C-1302-187 E310-037.

The intent of the criteria in specification IS 328227-004 Revision 13 is to provide a low threshold for all inspection results so that any unexpected readings will be evaluated.

The UT inspections in bay 15 show two local reading of 0.628and .652. In addition the inspection shows that the average thickness in the 6 by 6 area around these locations is 0.758.

The minimum local code required thickness for the Drywell at this elevation is 0.36 and the minimum average code required thickness is 0.541 (ECR 05-00275).

Therefore these as-found readings meet design basis. In addition these areas will not corrode to below the minimum required thickness prior to 2029. The Oyster Creek Drywell Corrosions Monitoring Program has

demonstrated that the Drywell Vessel above the sandbed may be thinning at corrosion rates of less than 1 mil per year. Therefore even when assuming a 1 mil per year corrosion rate the local reading which was measured at 0.628 will corrode to only 0.605 by 2029 which leaves substantial margin.

Recommendation
ACIT to include these UT result in the Oyster Creek Drywell Corrosions Monitoring Program Final Report for 1R21.

Immediate actions taken:
Informed Howie ray and Tom Quintenz

Recommended Actions:
ACIT to include these UT result in the Oyster Creek Drywell Corrosions Monitoring Program Final Report for 1R21.

Operable Basis:
REB Per engineering: The Oyster Creek Drywell is operable based on Calculation C-1302-187
E310-037.

Reportable Basis:
N/A

AR 00546932 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	11/19/2006
Aff System:	187			**Event Date:**	10/19/2006
CR Level/Class:	/			**Disc Date:**	10/19/2006
How Discovered:	H02			**Orig Date:**	10/20/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: SEPARATION OF EPOXY COATING AT DW SHIELD WALL IN SANDBED

Description:

Originator: PETER TAMBURRO Supv Contacted: Howie Ray

Condition Description:
During visual inspection of Drywell Vessel exterior coating in sandbed in bays 1, 7, 9 and 13 several areas were observed where an the epoxy repair of the floor and the original concrete floor have separated. The separation has caused a seam between the epoxy repair and the original concrete floor or the side of the concrete bioshield.

In 1992 during the Sandbed Sand removal and Drywell Vessel coating application project the concrete floor of the sanded was found degraded and uneven. This uneven floor prevented complete water drainage of the sanded by the five sandbed drain lines, which are evenly spaced through out the sandbed. The purpose of the floor and the drain lines is to route water that collects in the sandbed away for the Drywell Vessel.

As a result the floor was repaired in 1992 with an epoxy coating. The coating was applied in areas where the floor was uneven so that any water entering the sandbed would flow away from the vessel and be routed to the drains.

The 2006 inspections in bays 1, 7, 9 and 13 indicates the epoxy has separated from the transition where the epoxy meets the concrete floor or concrete bio shield.

The separated seams could potentially allow some water to get under the epoxy coating repair.

Please note inspection of these bays shows no degradation drywell vessel coating or the caulking between the vessel coating and the floor or the epoxy coating on the floor. Separated seams are located away from the Drywell Vessel and are located near concrete bio shield.

Operability
At this time the reactor cavity trough and drain line are performing their function, which is to keep leakage away from the drywell vessel.

Engineering has inspected the 5 poly bottles associated with the sandbed region drain lines every day since the beginning of the outage (R2088495). To date no water has been found in any of the bottles or on the floor outside the sandbed bays. Also Engineering and NDE have inspected 5 of the 10 Drywell Sandbed bays. Although there are some stains representing potential previous water in bay 7; to date no water or moisture has been observed in these bays. The remaining 5 bays will be inspected in the next few days.

Engineering will continue to monitor (on a daily basis) the trough drain

line for changes in flow rate and the five polyvinyl bottles for water.

Immediate actions taken:
Informed Howie Ray and the Engineering Control Center

Recommended Actions:

1) Continue to monitor the five poly bottles and trough drain line per our commitments.

2) Recommend cleaning the joints and applying caulk at these seams to ensure water can not enter the seams.

Operable Basis:

Reportable Basis:

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/25/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	SEPARATION OF EPOXY COATING AT DW SHIELD WALL IN SANDBED				

Pete is putting in scope add form for all bays to caulk at floor to shield wall interface.

Go Back

Print | New Search | Home

AR 00545835 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	11/13/2008
Aff System:	822			**Event Date:**	10/18/2006
CR Level/Class:	4/D			**Disc Date:**	10/18/2006
How Discovered:	H02			**Orig Date:**	10/18/2006
WR/PIMS AR:	A2152534	**Component #:**	V-27-2		

Action Request Details

Subject: V-27-2 EXCEEDED ADMINISTRATIVE LIMIT ON LLRT

Description: Originator: MARK A CARLSON Supv Contacted: Mark Carlson, Tom Powell

Condition Description:
Procedure 665.5.006 data sheet #20 states that V-27-2 administrative limit is 2.0 SCFH and 4.63 SCFH was obtained (3.78 SCFH + 0.85 SCFH for tolerance), which exceeds the stated administrative limit.

Immediate actions taken:
Wrote the IR and reviewed past LLRT data for V-27-2

Recommended Actions:
1). Perform evaluation justifying the acceptability of the leakage.
2). Perform cause determination for why leakage occurred as required by NEI 94-01.
3). Consider replacing V-27-2 in 1R22 by coding Work Order C2009042 for 1R22.

What activities, processes, or procedures were involved?
LLRT of V-27-2

Why did the condition happen?
Possible degradation of valve seat

What are the consequences?
LLRT exceeded OCs administrative limit however the valve has a fairly stable leak rate test history, and a slow increasing trend in leakage since 1R19 and a level trend since 1R20. In the 1R19 outage, leak rate was documented at 3.8 SCFH and in 1R20 it was documented at 4.8 SCFH. The current leakage of 4.63 SCFH is slightly better than the value obtained in 1R20 but is considered a level trend. Also, the current leakage for V-27-2 (18 butterfly valve) is well below the Exelon recommended warning limit of 15 SCFH for valves > 10". Therefore, it will be accepted for continued use, and will remain on a 30-month LLRT interval, as required by the OC primary containment leakage rate testing program and Reg Guide 1.162.

Were any procedural requirements impacted?
No

Were there any adverse physical conditions?
No

List of knowledgeable individuals:
Bob Barbieri, Mark Carlson

Repeat or similar condition?
Yes, exceeded administrative limit in 1R19 & 1R20

Operable Basis:
REB Valve has only exceeded Exelon administrative limits and engineering considers it fully operable and can delay work until 1R22.

Reportable Basis:
N/A

SOC Reviewed by: THOMAS A POWELL 10/20/2006 05:01:42 CDT
SOC Comments:
10-18-06 REB Close to the PIMS AR.

10/20/06 TAP - Contingency work order for repair already exists C2009042, no new AR needed. Created assignment for engineering to disposition test results as required by NEI 94-01. Recommendation is use as is. Close to assignments.

Dynamic AR Attributes

OUTAGE RELATED: 1R21 MEV14

Assignments

Assign #:	01	**Assigned To:**		**Status:**	COMPLETE
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/23/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	μμ/μμ/μμμμ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	V-27-2 EXCEEDED ADMINISTRATIVE LIMIT ON LLRT				

Assign #:	02	**Assigned To:**	U000LC3	**Status:**	COMPLETE
Aff Fac:	Oyster Creek	**Prim Grp:**	A5351NESPR	**Due Date:**	11/01/2006
Assign Type:	CR	**Sec Grp:**		**Orig Due Date:**	11/01/2006
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	LLRT - Perform an evaluation justifying acceptability of leakage for V-27-2. Perform cause determination for leakage as required by NEI 94-01				

Assign #:	03	**Assigned To:**	U000LC3	**Status:**	ACC/ASG
Aff Fac:	Oyster Creek	**Prim Grp:**	A5351NESPR	**Due Date:**	11/13/2008

Assign Type:	CR	**Sec Grp:**	**Orig Due Date:** 12/13/2006
Priority:			
Schedule Ref:			
Unit Condition:			
Subject/Description:	Perform a cause determination for leakage of V27-2 as required by NEI 94-01		

Go Back Print | New Search | Home

AR Number: 00551910

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	12/01/2006
Aff System:	187			**Event Date:**	10/31/2006
CR Level/Class:	4/D			**Disc Date:**	10/31/2006
How Discovered:	H03A			**Orig Date:**	11/01/2006

Action Request Details

Subject: WATER FOUND IN BAY 17 TRENCH IN DRYWELL

Description:

Originator: FRANCIS H RAY Supv Contacted: D. Kettering

Condition Description:
I was notified by an NRC inspector after performing a walkdown in the drywell that the bay 17 trench was full of water and the bay 5 trench was moist. Since the drywell had been restricted from entry due to Radiography being performed I notified the venture planner to develop a work order activity to ensure the following steps were performed as soon as access was restored.

Actions to be taken when drywell entry can be made:

1. obtain a sample of water for chemistry
2. have chemistry enter the drywell with maintenance
3. have a structural engineer enter the drywell with maintenance to reinspect the caulk and see if the source of the water can be identified.

4. measure the depth of the water from bay 17.
5. remove the water from bay 17.

Immediate actions taken:
1.Notified work group to create work order activity to implement action plan once drywell entry was restored and document findings in IR.

2. Notified OCC.

Recommended Actions:
1. have chemistry enter the drywell with maintenance (complete)
2. have a structural engineer enter the drywell with maintenance to reinspect the caulk and see if the source of the water can be identified. (complete)
3. measure the depth of the water from bay 17. (complete)
4. remove the water from bay 17. (complete)
5. Chemistry to provide engineering with results of sample
6. Reinforce with all personnel entering drywell to immediately indentify any unexpected water discovered to engineering using the IR process. (Drywell Access point)
7. Perform inspections on a frequent basis to inspect trough, bay 5 and

bay 17 trenches, and caulking conditions around perimeter of drywell shell to concrete interface. (engineering)

Why did the condition happen?
It was reported that the drywell equipment drain tank had overflowed on Sunday 10/30.

What are the consequences?
The impact of water in Bay 5 trench previously identified by IR 0546049 is already being evaluated and will include this impact.

Were there any adverse physical conditions?
Conditions are already being evaluated by IR 0546049.

List of knowledgeable individuals:
J. Burt, C. Lambert, D. Ryan, D. Kettering, M. Hand, S. Markos

Repeat or similar condition?
IR 0546049

Operable Basis:
REB This water does not impact DW operability on a short term basis. Source of water will be eliminated prior to startup. The trenches will be filled prior to startup which will preclude them from collecting water.

Reportable Basis:
N/A

SOC Reviewed by: STEVEN E GANSS 11/03/2006 10:18:49 CST
SOC Comments:
11/1 sg AR pullled through needs shift review
.
11/1/06 tas IR 551897 closed to this IR (appears to be a duplicate).
.
Recommended actions 1 thru 7 are complete or are being implemented by existing procedures. Close to evaluations being performed under IR 546049 to determine source of water.
.

Assign #: 01					AR #: 00551910
Aff Fac:	Oyster Creek	**Assign Type:**	TRKG	**Status:**	COMPLETE
Priority:		**Assigned To:**		**Due Date:**	11/06/2006
Schedule Ref:		**Prim Grp:**	ACAPALL	**Orig Due Date:**	µµ/µµ/µµµµ
Unit Condition:		**Sec Grp:**			

Assignment Details

Subject/Description: WATER FOUND IN BAY 17 TRENCH IN DRYWELL

Assignment Completion

In Progress Notes:

Completion Notes:

Assign #: 02					AR #: 00551910
Aff Fac:	Oyster Creek	**Assign Type:**	ACIT	**Status:**	COMPLETE
Priority:		**Assigned To:**	U777RJA	**Due Date:**	11/07/2006
Schedule Ref:		**Prim Grp:**	A5332CHEM	**Orig Due Date:**	11/07/2006
Unit Condition:		**Sec Grp:**			

Assignment Details

Subject/Description: Document results of Bay 17 Trench Water Sample Document results of Bay 17 Trench Water Sample taken on 10/31.

Assignment Completion

In Progress Notes:

The radioisotopic analysis is attached below. Some explanation is required:

1. The question marks in front of Cr-51 and Rh-105 indicate that the software cannot distinguish between these two radionuclides. We re-counted another sample from the same source and the shorter-lived nuclide (Rh-105) was no longer present as it had decayed away. Cr-51 was still present. Therefore the correct radionuclide identified is Cr-51.

2. With the exception of Ag-110m and Cs-137, the radionuclides present in the sample are corrosion products.

3. The Reactor Building Closed Cooling Water (RBCCW) system is treated with a sodium molybdate corrosion inhibitor. We therefore tested the water sample for molybdate and the value was just above the minimum detectable limit (15 ppm). Since 11 gallons of water was removed from Bay 17 trench, the source of the water is NOT solely from RBCCW. Calculations show that only 0.65 gallons out of the 11 gallons of water removed from the Bay 17 trench could be RBCCW. The remaining 10.35 gallons is NOT from RBCCW.

Radionuclide Data

Nuclide Id Name	Wt mean Activity Confidence	Wt mean Activity (uCi/mL)	Uncertainty
? CR-51	0.991	4.33E-005	1.16E-005
MN-54	0.975	3.38E-004	9.76E-006
CO-58	0.973	7.59E-005	3.41E-006
FE-59	0.846	1.84E-005	1.78E-006
CO-60	0.970	3.17E-004	5.38E-006
ZN-65	0.967	1.28E-003	2.71E-005
X NB-97	0.906		
? RH-105	0.551	2.24E-005	5.99E-006
AG-110M	0.374	8.87E-006	8.62E-007
CS-137	0.992	1.10E-005	1.01E-006
Total Activity		2.12E-003	

? = nuclide is part of an undetermined solution
X = nuclide rejected by the interference analysis
@ = nuclide contains energy lines not used in Weighted Mean

Activity

Errors quoted at 1.000 sigma

Completion Notes:

Assign #: 03					AR #: 00551910
Aff Fac:	Oyster Creek	**Assign Type:**	ACIT	**Status:**	COMPLETE
Priority:		**Assigned To:**	U001FHR	**Due Date:**	11/05/2006
Schedule Ref:		**Prim Grp:**	A5352NESDM	**Orig Due Date:**	11/05/2006
Unit Condition:		**Sec Grp:**			

Assignment Details

Subject/Description: Results of Engr Inspection of Water in Bay 17 Trench Document the inspection results of the Engineering inspections performed on 11/1/2006 to investigate cause of water found in the Drywell Bay 17 trench.

Assignment Completion

In Progress Notes: INSPECTION REPORT

Date: 11/01/2006, 0030 hrs
Work Order No.: C2013726-06
Structure: Drywell Trench
Location: El. 10'-3", Bay 17 (Az. 287) and perimeter
Scope of Structural Work:
1. Reinspect caulk in Bay 17.
2. Perform inspection to try to determine where water is coming from.

Attendees: M. Hand (Engineering), J. Gujenko (Venture), G. Test (Chemistry)

Activities / Observations:
? The depth of water in the Bay 17 trench was measured and found to be 12 ? inches deep, one inch below the top edge of the hole. (See attached Photo 1.)
? Chemistry took a sample of water for analysis.
? Engineering visually inspected the caulking around the perimeter of the drywell vessel at the concrete interface. The caulking was found to be satisfactory with one exception: At Bay 9, a 1 inch section of caulking is missing and the backer rod is protruding from the gap. (See attached Photo 2) This issue is being corrected under ECR 06-00879
? Venture removed the water in the trench and collected it in a five gallon bucket for a total amount removed of 11 gallons. The trench surface was towel dried.
? Careful observation of the trench surfaces resulted in barely perceptible, slight seepage of water from the damp trench surface. Seepage was too slow to collect at the bottom and measure. (See Photo No. 3.)

It was later reported by B. Maze that Chemistry reported no florizene was found in the water sample. Refer to the chemistry report for further detail. (Not attached)

Michael Hand
Structural Engineer

Photo 1 - Depth of water in Bay 17 found to be 12 ? inches deep.

Photo 2 - 1 inch missing caulking, Bay 10

Photo No. 3 - Emptied, towel dried trench. Slight seepage at concrete surface was observed

Completion Notes: Inspections complete and documented in the in-progress notes.

INSPECTION REPORT

Date: 11/01/2006, 0030 hrs
Work Order No.: C2013726-06
Structure: Drywell Trench
Location: El. 10'-3", Bay 17 (Az. 287) and perimeter
Scope of Structural Work:

1. Reinspect caulk in Bay 17.
2. Perform inspection to try to determine where water is coming from.

Attendees: M. Hand (Engineering), J. Gujenko (Venture), G. Test (Chemistry)

Activities / Observations:

- The depth of water in the Bay 17 trench was measured and found to be 12 ½ inches deep, one inch below the top edge of the hole. (See attached Photo 1.)
- Chemistry took a sample of water for analysis.
- Engineering visually inspected the caulking around the perimeter of the drywell vessel at the concrete interface. The caulking was found to be satisfactory with one exception: At Bay 9, a 1 inch section of caulking is missing and the backer rod is protruding from the gap. (See attached Photo 2) This issue is being corrected under ECR 06-00879
- Venture removed the water in the trench and collected it in a five gallon bucket for a total amount removed of 11 gallons. The trench surface was towel dried.
- Careful observation of the trench surfaces resulted in barely perceptible, slight seepage of water from the damp trench surface. Seepage was too slow to collect at the bottom and measure. (See Photo No. 3.)

It was later reported by B. Maze that Chemistry reported no florizene was found in the water sample. Refer to the chemistry report for further detail. (Not attached)

Michael Hand
Structural Engineer

Photo 1 – Depth of water in Bay 17 found to be 12 ½ inches deep.

Photo 2 - 1 inch missing caulking, Bay 10

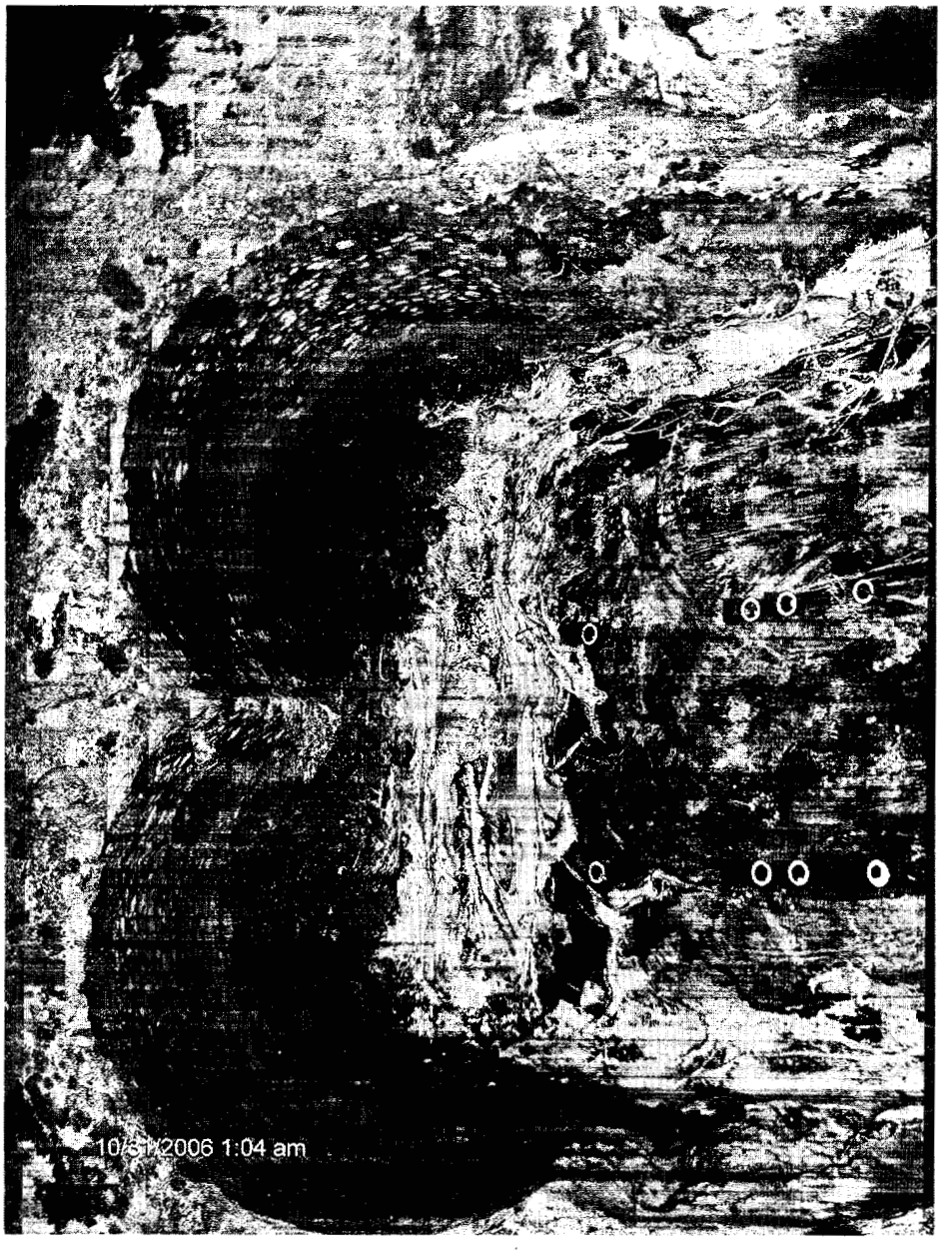

Photo No. 3 – Emptied, towel dried trench. Slight seepage at concrete surface was observed

PIMS AR Number: A2153650

Facility:	Oyster Creek	**AR Type:**	CM	**AR Sub Type:**	ETT
Priority:	A	**Ctd:**	F	**Status:**	PLNNED
Task Type:	EM	**Sched Code:**	1R21	**Sched Window:**	187
Assigned Org:	OMV	**Assigned Ind:**	BURT, JOHN 4665		

Component

Component Unit:	1	**Component System:**	187
Component Category:	M	**Component Type:**	VS
Component Number:	NR01	**Component Name:**	DRYWELL

PIMS AR Details

Title: WATER FOUND IN BAY 17 TRENCH IN DRYWELL

Description:

*** AUTHORIZED NUCLEAR INSPECTOR (ANI) REQUIRED ***
ORIGINATOR: FRANCIS H RAY SUPV CONTACTED:
D. KETTERING
CONDITION DESCRIPTION:
I WAS NOTIFIED BY AN NRC INSPECTOR AFTER PERFORMING A WALKDOWN IN THE DRYWELL THAT THE BAY 17 TRENCH WAS FULL OF WATER AND THE BAY 5 TRENCH WAS MOIST. SINCE THE DRYWELL HAD BEEN RESTRICTED FROM ENTRY DUE TO RADIOGRAPHY BEING PERFORMED I NOTIFIED THE VENTURE PLANNER TO DEVELOP A WORK ORDER ACTIVITY TO ENSURE THE FOLLOWING STEPS WERE PERFORMED AS SOON AS ACCESS WAS RESTORED.
ACTIONS TO BE TAKEN WHEN DRYWELL ENTRY CAN BE MADE:
1. OBTAIN A SAMPLE OF WATER FOR CHEMISTRY
2. HAVE CHEMISTRY ENTER THE DRYWELL WITH MAINTENANC
.
3. HAVE A STRUCTURAL ENGINEER ENTER THE DRYWELL WITH MAINTENANCE TO REINSPECT THE CAULK AND SEE IF THE SOURCE OF THE WATER CAN BE IDENTIFIED.
4. MEASURE THE DEPTH OF THE WATER FROM BAY 17.
5. REMOVE THE WATER FROM BAY 17.
.
.
.
IMMEDIATE ACTIONS TAKEN:
1.NOTIFIED WORK GROUP TO CREATE WORK ORDER ACTIVITY TO IMPLEMENT ACTION PLAN ONCE DRYWELL ENTRY WAS RESTORED AND DOCUMENT FINDINGS IN IR.
2. NOTIFIED OCC.
.
.
RECOMMENDED ACTIONS:
1. HAVE CHEMISTRY ENTER THE DRYWELL WITH MAINTENANCE (COMPLETE)
2. HAVE A STRUCTURAL ENGINEER ENTER THE DRYWELL

WITH MAINTENANCE TO REINSPECT THE CAULK AND SEE
IF THE SOURCE OF THE WATER CAN BE IDENTIFIED. (COMPLETE)
3. MEASURE THE DEPTH OF THE WATER FROM BAY 17.
(COMPLETE)
4. REMOVE THE WATER FROM BAY 17. (COMPLETE)
5. CHEMISTRY TO PROVIDE ENGINEERING WITH RESULTS
OF SAMPLE
6. REINFORCE WITH ALL PERSONNEL ENTERING DRYWELL
TO IMMEDIATELY INDENTIFY ANY UNEXPECTED WATER DISCOVERED
TO ENGINEERING USING THE IR PROCESS. (DRYWELL ACCESS
POINT)
7. PERFORM INSPECTIONS ON A FREQUENT BASIS TO INSPECT
TROUGH, BAY 5 AND BAY 17 TRENCHES, AND CAULKING
CONDITIONS AROUND PERIMETER OF DRYWELL SHELL TO
CONCRETE INTERFACE. (ENGINEERING)

.

OPERABLE BASIS:

.

REPORTABLE BASIS:

.

SOC REVIEWED BY: STEVEN E GANSS 11/01/2006 11:13:54
CST
SOC COMMENTS:
11/1 SG AR PULLLED THROUGH NEEDS SHIFT REVIEW
THIS AR WAS CHILD TO A2152754 AND ACT 07 ON WORK ORDER
C2013726 ADDRESSES THIS WORK

Create another New Issue Create another Issue from '00545251' Print Close window

****AS REQUIRED, PRINT ISSUE REPORT AND PROVIDE TO YOUR SUPERVISOR****
Note: This is your only notice. You will not have an opportunity to print this confirmation later.

Exelon Nuclear Issue - Statement of Confirmation

Issue #: 00545251 **Originator:** MARTIN E MCALLISTER **Submit Date:** October 17, 2006

Basic Information

Affected Facility:	Oyster Creek
Dscv Date:	10/17/2006 14:00
How Discovered Code:	H02
Event Date:	10/17/2006 14:00
Affected Unit:	01
Affected Sys:	--
Subject:	WORK ORDER ACTIVITY C2013479-02 & 03 PARTIALLY COMPLETED.

Required Information

Condition Description:	Work Order description (C2013479-02, 03) states in part "remove existing sealant", however only a small portion of the existing sealant was removed and the both activities were closed. This impacted the time/dose for NRC Rep. and the NDE crews.
Immediate actions taken:	Notified maint. of issue.
Recommendation for action:	re-open activity 02 & 03, close to trend
Supervisor Verbally Contacted	John Leonard

Optional Additional Information

Routing

Owed To Group:	ACAPALL
Routed to Group:	CR-OSC

Go Back

Print | New Search | Home

AR 00545422 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	11/17/2006
Aff System:	187			**Event Date:**	10/17/2006
CR Level/Class:	/			**Disc Date:**	10/17/2006
How Discovered:	H01			**Orig Date:**	10/18/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: AS FOUND CONDITION OF DRYWELL LINER TRENCHES

Description: Originator: KARL F FISHER Supv Contacted: Frank Stulb

Condition Description:
On 10/17/06 NDE personnel attempted to perform the scheduled VT-1 and UT examinations of the drywell liner in the existing trenches in Bays 5 & 17. The work order for this activity is C2013479. The examinations were scheduled to follow the removal of sealant material from the trenches. The NDE examinations could not be performed due to the as found conditions in the trenches. There was evidence of water in each of the trenches. Approximately 5" of water was noted in Bay 5. In Bay 17 there was evidence of moisture at the bottom of the trench, but no standing water was present.
In both trenches the drywell liner surface is not clean enough to perform the visual and ultrasonic examinations.

Immediate actions taken:
Photographs were taken of the as found conditons and Site Engineering and the OCC were notified.

Recommended Actions:
Prepare the liner surfaces for the visual and ultrasonic examinations.

Operable Basis:

Reportable Basis:

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/23/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					

Subject/Description: AS FOUND CONDITION OF DRYWELL LINER TRENCHES

AR 00546049 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	11/18/2006
Aff System:	187			**Event Date:**	10/19/2006
CR Level/Class:	/			**Disc Date:**	10/19/2006
How Discovered:	H02			**Orig Date:**	10/19/2006
WR/PIMS AR:		**Component #:**	187		

Action Request Details

Subject: WATER OBSERVED COMING INTO THE TRENCH IN BAY 5 OF DRYWELL

Description: Originator: RALPH C LARZO Supv Contacted: SOM, OOM on night shift

Condition Description:
While performing an inspection of the drywell trenches, leakage into the bay 5 trench was observed to be approximately 1 quart per minute. The level in the trench would fill to approx. 5" and stabilize. The source of the leakage is not apparrent.

Immediate actions taken:
OCC was notified and an action plan prepared.

Recommended Actions:
1. Issue ACIT to prepare an action plan and evaluate impact of leakage.
2. Issue AR to perform the following: a) Test 1-8 sump for leakage by turning of sump pumps, raise level to high level setpoint (using a hose) and monitoring for level decrease. Monitor sump level for 8 hours. b) Attempt to remove water from bay 5 trench until dry and c) If unable to stop water coming into bay 5 trench, then Chemistry to evaluate use of tracing agent injected into 1-8 sump.

What activities, processes, or procedures were involved?
Drywell inspections

Why did the condition happen?
Unknown at this time

What are the consequences?
Leakage could impact drywell

Were any procedural requirements impacted?
No

Were there any adverse physical conditions?
Unknown until leakage sourse identified.

List of knowledgeable individuals:
Chris Wilson, Howie Ray

Repeat or similar condition?
No

Operable Basis:

TLD

Reportable Basis:

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/24/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	WATER OBSERVED COMING INTO THE TRENCH IN BAY 5 OF DRYWELL				

Go Back Print | New Search | Home

AR 00548568 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	11/24/2006
Aff System:	225			**Event Date:**	10/25/2006
CR Level/Class:	4/D			**Disc Date:**	10/25/2006
How Discovered:	H02			**Orig Date:**	10/25/2006
WR/PIMS AR:	A2153079	**Component #:**	V-15-28		

Action Request Details

Subject: LLRT - V-15-28 EXCEEDED LIMIT REQUIRING WORK

Description:

Originator: DAVE OLSZEWSKI Supv Contacted: Steve Hutchins

Condition Description:
Procedure 665.5.006 Data Sheet # 7 states that V-15-28 Administrative Limit is 1.5 SCFH when the test volume is pressurized to 35 +3/-0 psig. At a pressure of 36.21 psig, a leak rate of 21.28 SCFH was obtained and with a 2% tolerance (0.848 SCFH) equals 22.13 SCFH and this causes V-15-28 to exceed the stated administrative limit.

Immediate actions taken:
Wrote this IR

Recommended Actions:
1. Create an AR to repair V-15-28
2. Perform an As-Left LLRT Test after performing the Maintenance.
3. Perform cause determination for why leakage occurred as required by NEI 94-01.

What activities, processes, or procedures were involved?
LLRT of V-15-28

Why did the condition happen?
Possible degradation of valve seat

What are the consequences?
Administrative limits were established as an indicator of potential degradation, which would require maintenance to be performed, or an evaluation as to why maintenance was not required. The Technical Specifications Section 4.5.D.1 for Type B and C tests states that the maximum allowable leakage rate for Primary Containment is 0.6 La (255.6 SCFH per ER-OC-380 section 9.0). The As-Left MXPLR for 1R20 was 108.07 SCFH, which was well below the acceptance criteria of 255.60 SCFH. The valve, V-15-28, needs to have maintenance to repair the leak and then another LLRT (As-Left) test needs to be performed with acceptable results so the station does not exceed the limit of 255.60 SCFH.

Were any procedural requirements impacted?
665.5.006 Data Sheet # 7

Were there any adverse physical conditions?

TLO

No

List of knowledgeable individuals:
S. Hutchins, M. Carlson, L. Conova, B. Barbieri, D. Ferris, and D. Olszewski

Repeat or similar condition?
No

Operable Basis:
REB Valve has failed its LLRT and is not operable. Must be repaired prior to Startup.

Reportable Basis:
N/A

SOC Reviewed by: MARCIA PRUSKOWSKI 10/26/2006 09:32:13 CDT
SOC Comments:
10/26/06 TAP - Significance level 4 because Tech Spec limits were not exceeded. Need PIMS AR to repair valve and perform as-left LLRT. Created assignment to perform cause determination per NEI 94-01. Close to pIMS AR and assignment.
.

Dynamic AR Attributes

OUTAGE RELATED: 1R21 ADD MEV 14

Assignments

Assign #:	01	**Assigned To:**		**Status:**	COMPLETE
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/30/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	LLRT - V-15-28 EXCEEDED LIMIT REQUIRING WORK				

Assign #:	02	**Assigned To:**	U000LC3	**Status:**	ACC/ASG
Aff Fac:	Oyster Creek	**Prim Grp:**	A5351NESPR	**Due Date:**	11/20/2006
Assign Type:	ACIT	**Sec Grp:**		**Orig Due Date:**	11/01/2006
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	V-15-28 LLRT leakage exceeded admin limits. Perform caus e determination for why leakage occurred as required by NEI 94-01.				

AR 00551897 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	A5320CAP	**Due Date:**	12/01/2006
Aff System:	240			**Event Date:**	10/31/2006
CR Level/Class:	5/D			**Disc Date:**	10/31/2006
How Discovered:	H02			**Orig Date:**	11/01/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: NRC IDENTIFIED WATER IN BAY 17 TRENCH

Description: Originator: JAMES J MCELWAIN Supv Contacted: Howie Ray

Condition Description:
Engineering was notified that the bay 17 trench in the drywell was full of water and bay 5 was only moist.

Immediate actions taken:
Notified Engineering Management and the OCC.

A work order was created to investigate the water and perform the following steps:
1. Obtain a sample of water for chemistry
2. Have chemistry enter the drywell with Venture
3. Have a structural engineer enter the drywell with Venture to re-inspect the caulk and see if the source of water can be identified
4. Measure the depth of the water from bay 17
5. Remove the water from bay 17

Entry into the drywell was delayed due to radiography, when the entry was made the following was identified and documented:

1. Inspected bay 17 and found standing water approximately 12.5 deep
2. Entry made by Venture Task Manager, Engineering and Chemistry
3. Sample of water obtained by chemistry
4. Engineering inspection performed
5. Water was within 1 of the floor, removed approximately 11 gallons and dried area with rags

Recommended Actions:
Venture to determine if bay 17 trench had been dewatered previously, IF yes THEN when was the water removed.
Engineering to determine the source of the water

What activities, processes, or procedures were involved?
NRC identified water in bay 17 trench

TVO

Why did the condition happen?
Unknown, follow-up to determine source of water.

List of knowledgeable individuals:
Howie Ray, J. Guzenko

Repeat or similar condition?
Yes

Operable Basis:
N/A

Reportable Basis:
N/A

SOC Reviewed by: 11/01/2006 14:46:11 CST
SOC Comments:
11/1/06 tas Close to IR 551910.

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	11/06/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	NRC IDENTIFIED WATER IN BAY 17 TRENCH				

Go Back

Print | New Search | Home

AR 00546049 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	12/01/2006
Aff System:	187			**Event Date:**	10/19/2006
CR Level/Class:	3/D			**Disc Date:**	10/19/2006
How Discovered:	H02			**Orig Date:**	10/19/2006
WR/PIMS AR:	A2152838	**Component #:**	187		

Action Request Details

Subject: WATER OBSERVED COMING INTO THE TRENCH IN BAY 5 OF DRYWELL

Description:

Originator: RALPH C LARZO Supv Contacted: SOM, OOM on night shift

Condition Description:
While performing an inspection of the drywell trenches, leakage into the bay 5 trench was observed to be approximately 1 quart per minute. The level in the trench would fill to approx. 5" and stabilize. The source of the leakage is not apparrent.

Immediate actions taken:
OCC was notified and an action plan prepared.

Recommended Actions:
1. Issue ACIT to prepare an action plan and evaluate impact of leakage.
2. Issue AR to perform the following: a) Test 1-8 sump for leakage by turning of sump pumps, raise level to high level setpoint (using a hose) and monitoring for level decrease. Monitor sump level for 8 hours. b) Attempt to remove water from bay 5 trench until dry and c) If unable to stop water coming into bay 5 trench, then Chemistry to evaluate use of tracing agent injected into 1-8 sump.

What activities, processes, or procedures were involved?
Drywell inspections

Why did the condition happen?
Unknown at this time

What are the consequences?
Leakage could impact drywell

Were any procedural requirements impacted?
No

Were there any adverse physical conditions?
Unknown until leakage sourse identified.

List of knowledgeable individuals:
Chris Wilson, Howie Ray

Repeat or similar condition?
No

Operable Basis:
REB - Long term corrosion issue - Drywell is fully operable.

Reportable Basis:
N/A

SOC Reviewed by: THOMAS A POWELL 10/21/2006 08:21:52 CDT
SOC Comments:
10-19-06 REB Close to the PIMS AR.

.

IR 545422 is closed to this IR.

.

Followup to ENG

.

10/21/06 TAP - Risk and Uncertainty of this condition screen as Medium and Medium. ACE evaluation to Egnineering to determine the source of water and evaluate the physical and regulatory consequences of this condition. PORC review of the ACE is a 1R21 Restart Requirement.

.

Close to PIMS AR and ACE evaluation.

Dynamic AR Attributes

OUTAGE RELATED: 1R21 ADD 10/22 MEV14

Trend Codes

TC1	TC2	TC3	Proc	Org	Rank
EQM	MM	N	ER100	*	P

Assignments

Assign #:	01	**Assigned To:**		**Status:**	COMPLETE
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/24/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	WATER OBSERVED COMING INTO THE TRENCH IN BAY 5 OF DRYWELL				

Assign #:	02	**Assigned To:**	U001FHR	**Status:**	NTFY/ASG
Aff Fac:	Oyster Creek	**Prim Grp:**	A5352NESDM	**Due Date:**	11/01/2006
Assign Type:	ACIT	**Sec Grp:**		**Orig Due Date:**	11/01/2006
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Document Tech eval resuts of inleakage to the drywell floor trenches. Tech EVAL reference PIMS AR A2152754 06.				

Assign #:	03	**Assigned To:**		**Status:**	NTFY/PRI

Aff Fac:	Oyster Creek	**Prim Grp:**	A5301RAPR	**Due Date:**	11/02/2006
Assign Type:	CA	**Sec Grp:**		**Orig Due Date:**	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Perform PORC review of DW Trench ACE prior to 1R21 restar t.				

Assign #:	04	**Assigned To:**	U999AO2	**Status:**	NTFY/PRI
Aff Fac:	Oyster Creek	**Prim Grp:**	A5063NER	**Due Date:**	12/01/2006
Assign Type:	ACIT	**Sec Grp:**		**Orig Due Date:**	12/01/2006
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Determine effect on the License Renewal Application Based on the conditions found in the trench determine the effect of this operating experience on the License Renewal Application and initiate appropriate actions as needed to support the ongoing efforts to renew the operating license.				

Assign #:	05	**Assigned To:**	U999AO2	**Status:**	NTFY/PRI
Aff Fac:	Oyster Creek	**Prim Grp:**	A5063NER	**Due Date:**	12/01/2006
Assign Type:	ACIT	**Sec Grp:**		**Orig Due Date:**	12/01/2006
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Based on the review of assignment #4 of this IR, determine if there are any reporting requirements to the NRC in accordance with 10CFR 54.13 "Completeness and accuracy of information", if there is any updates to the supplement that needs to be submitted under another provision of 10CFR Part 54.				

AR 00547236 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	11/20/2006
Aff System:	187			**Event Date:**	10/21/2006
CR Level/Class:	4/D			**Disc Date:**	10/21/2006
How Discovered:	H02			**Orig Date:**	10/21/2006
WR/PIMS AR:	A2152843	**Component #:**	573		

Action Request Details

Subject: DEBRIS LOCATED IN BAYS 7 AND 11 SANDBED DRAIN LINES

Description: Originator: PETER TAMBURRO Supv Contacted: Howie Ray

Condition Description:
Inspection of the Sandbed Drain Lines in accordance with Specification IS-328227-004 Rev. 13 showed that the drain line in bay 7 has debris, which could cause blockage of this line. The debris looks like loose concrete. This does not meet the acceptance criteria in the specification per section 3.2.5.2.

In addition the inspection of the drain line in bay 11 shows some loose debris in the bottom of the line directly downstream of the first elbow. However the line is not blocked and meets the acceptance criteria.

Operability

The purpose of the drain lines is to route water in the sandbed from the drywell vessel. At this time the remaining 4 lines are capable of performing this function. In addition since the line in bay 7 is not completely blocked it too would partially perform its function by draining the sandbed. So far in 1R21 no water has entered the sandbed.

Engineering has inspected the 5 bottles every day since the beginning of the outage (R2088495). To date no water has been found in any of the bottles or on the floor outside the sandbed bays.

Also Engineering and/or NDE have inspected all 10 Drywell Sandbed bays. To date no water or moisture has been observed in these bays and the coating is in good condition..

Engineering will continue to monitor (on a daily basis) the trough drain line for changes in flow rate and the five polyvinyl bottles for water.

Immediate actions taken:
Informed Howie Ray and the Engineering Control Center

Recommended Actions:

1) Continue to monitor the five poly bottles and trough drain line daily per our commitments

2) Recommend cleaning the drain lines in bays 7 and 11.

Operable Basis:

10/22/06 (G.V) There are no discrepancies noted here in reference to the DW structure. There is no effect on this components Operability. Primary Containment is currently relaxed for Refueling Operations.

Reportable Basis:
10/22/06 (G.V) There is no effect on this components Operability. No Reportability requirements

Reviewed by: GEORGE J VOISHNIS JR 10/22/2006 12:22:07 CDT
Reviewer Comments:
.

SOC Reviewed by: THOMAS A POWELL 10/22/2006 15:50:46 CDT
SOC Comments:
10/22/06 TAP - Close to PIMS AR to remove debris from drains as described.

Dynamic AR Attributes

OUTAGE RELATED:	1R21 ADD 10/22

Assignments

Assign #:	01	**Assigned To:**		**Status:**	COMPLETE
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/26/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	DEBRIS LOCATED IN BAYS 7 AND 11 SANDBED DRAIN LINES				

*** ACTION REQUEST ***

A/R TYPE : CM ETT
REQUEST ORG : OED
REQUEST DATE: 22OCT06
REQUESTED BY: TAMBURRO

A/R NUMBER : A2152843
A/R STATUS : HISTRY
STATUS DATE: 31OCT06
LAST UPDATE: 31OCT06
PRINT DATE : 31OCT06

==========

A. Maintenance Unit Related Information.

FEG: OC 1 573 000
COMP ID: OC 1 573 P P 573
DESC: DRYWELL FLOOR & EQUIPMENT DRAINS-PIPING
ETT/EDT: ETT/EDT#: 00000000 TAG LOCATION:
MAIN CONTROL ROOM DEFICIENCY TAG LOCATION:
TASK TYPE: EM MOD NUMBER: RW INPUT: N
SCHED CODE/WINDOW: 1R21 573 CEG0
ALTERNATE: FACILITY: UNIT: SYSTEM:
EQUIPMENT LOCATION:

B. Detail Description and Review of the Problem.

SUMMARY DESC: DEBRIS LOCATED IN BAYS 7 AND 11 SANDBED DRAIN LINES

ORIGINATOR: PETER TAMBURRO SUPV CONTACTED: PXT0 22OCT06
HOWIE RAY PXT0 22OCT06
CONDITION DESCRIPTION: PXT0 22OCT06
INSPECTION OF THE SANDBED DRAIN LINES IN ACCORDANCE PXT0 22OCT06
WITH SPECIFICATION IS-328227-004 REV. 13 SHOWED PXT0 22OCT06
THAT THE DRAIN LINE IN BAY 7 HAS DEBRIS, WHICH COULD PXT0 22OCT06
CAUSE BLOCKAGE OF THIS LINE. THE DEBRIS LOOKS LIKE PXT0 22OCT06
LOOSE CONCRETE. THIS DOES NOT MEET THE ACCEPTANCE PXT0 22OCT06
CRITERIA IN THE SPECIFICATION PER SECTION 3.2.5.2. PXT0 22OCT06
. PXT0 22OCT06
IN ADDITION THE INSPECTION OF THE DRAIN LINE IN PXT0 22OCT06
BAY 11 SHOWS SOME LOOSE DEBRIS IN THE BOTTOM OF PXT0 22OCT06
THE LINE DIRECTLY DOWNSTREAM OF THE FIRST ELBOW. PXT0 22OCT06
HOWEVER THE LINE IS NOT BLOCKED AND MEETS THE ACCEPTANCE PXT0 22OCT06
CRITERIA. PXT0 22OCT06
. PXT0 22OCT06
OPERABILITY PXT0 22OCT06
THE PURPOSE OF THE DRAIN LINES IS TO ROUTE WATER PXT0 22OCT06
IN THE SANDBED FROM THE DRYWELL VESSEL. AT THIS PXT0 22OCT06
TIME THE REMAINING 4 LINES ARE CAPABLE OF PERFORMING PXT0 22OCT06
THIS FUNCTION. IN ADDITION SINCE THE LINE IN BAY PXT0 22OCT06
7 IS NOT COMPLETELY BLOCKED IT TOO WOULD PARTIALLY PXT0 22OCT06
PERFORM ITS FUNCTION BY DRAINING THE SANDBED. SO PXT0 22OCT06
FAR IN 1R21 NO WATER HAS ENTERED THE SANDBED. PXT0 22OCT06
ENGINEERING HAS INSPECTED THE 5 BOTTLES EVERY PXT0 22OCT06
DAY SINCE THE BEGINNING OF THE OUTAGE (R2088495). PXT0 22OCT06
TO DATE NO WATER HAS BEEN FOUND IN ANY OF THE BOTTLES PXT0 22OCT06
OR ON THE FLOOR OUTSIDE THE SANDBED BAYS. PXT0 22OCT06
ALSO ENGINEERING AND/OR NDE HAVE INSPECTED ALL PXT0 22OCT06
10 DRYWELL SANDBED BAYS. TO DATE NO WATER OR MOISTURE PXT0 22OCT06
HAS BEEN OBSERVED IN THESE BAYS AND THE COATING PXT0 22OCT06
IS IN GOOD CONDITION.. PXT0 22OCT06
ENGINEERING WILL CONTINUE TO MONITOR (ON A DAILY PXT0 22OCT06
BASIS) THE TROUGH DRAIN LINE FOR CHANGES IN FLOW PXT0 22OCT06
RATE AND THE FIVE POLYVINYL BOTTLES FOR WATER. PXT0 22OCT06
. PXT0 22OCT06
. PXT0 22OCT06
IMMEDIATE ACTIONS TAKEN: PXT0 22OCT06
INFORMED HOWIE RAY AND THE ENGINEERING CONTROL PXT0 22OCT06
CENTER PXT0 22OCT06

A/R TYPE : CM ETT
REQUEST ORG : OED
REQUEST DATE: 22OCT06
REQUESTED BY: TAMBURRO

A/R NUMBER : A2152843
A/R STATUS : HISTRY
STATUS DATE: 31OCT06
LAST UPDATE: 31OCT06
PRINT DATE : 31OCT06

==========

.	PXT0 22OCT06
RECOMMENDED ACTIONS:	PXT0 22OCT06
1) CONTINUE TO MONITOR THE FIVE POLY BOTTLES	PXT0 22OCT06
AND TROUGH DRAIN LINE DAILY PER OUR COMMITMENTS	PXT0 22OCT06
2) RECOMMEND CLEANING THE DRAIN LINES IN BAYS	PXT0 22OCT06
7 AND 11.	PXT0 22OCT06
.	PXT0 22OCT06
.	PXT0 22OCT06
OPERABLE BASIS:	PXT0 22OCT06
10/22/06 (G.V) THERE ARE NO DISCREPANCIES NOTED	PXT0 22OCT06
HERE IN REFERENCE TO THE DW STRUCTURE. THERE IS	PXT0 22OCT06
NO EFFECT ON THIS COMPONENTS OPERABILITY. PRIMARY	PXT0 22OCT06
CONTAINMENT IS CURRENTLY RELAXED FOR REFUELING OPERATIONS	PXT0 22OCT06
.	PXT0 22OCT06
REPORTABLE BASIS:	PXT0 22OCT06
10/22/06 (G.V) THERE IS NO EFFECT ON THIS COMPONENTS	PXT0 22OCT06
OPERABILITY. NO REPORTABILITY REQUIREMENTS	PXT0 22OCT06
.	PXT0 22OCT06
REVIEWED BY: GEORGE J VOISHNIS JR 10/22/2006	PXT0 22OCT06
12:22:07 CDT	PXT0 22OCT06
REVIEWER COMMENTS:	PXT0 22OCT06
.	PXT0 22OCT06

DATE REQUIRED: 22OCT06
SUPERVISOR : TAMBURRO
A/R PACKAGE NBR : A2145130
RECURRING TASK NBR:
OTHER:
EXIT DATE:
SYSTEM/TOPIC:

RECOMMENDATION: A DATE: 22OCT06
COMMITMENT NBR:
REG DOC CODE:
ENTRANCE DATE:
ISSUE DATE:

C. Failure Determination:
MRULE/EPIX SCOPE: Y
FUNC FAILURE: I
UPDATED BY:
DATE:

D. Quality Evaluation Checklist.
QA CLASS : N
QE REQUIRED: N

E. ACTION REQUEST PLAN INFORMATION
REPEAT MAINT: N PEP#:
TECH SPEC : Y OPERABLE: Y
OUTAGE REQD : N POTENTIAL REPT N
SSV NOTIFIED: N NAME: 00547236
DATE: TIME:
REQUIRED IN MODES: 1-2-3- - -
SAFE SHUT DOWN: *
CLEARENCE REQD:

A/R APPROVED BY: GANSS SEG0 DATE: 22OCT06

*** ACTION REQUEST ***

A/R TYPE : CM ETT
REQUEST ORG : OED
REQUEST DATE: 22OCT06
REQUESTED BY: TAMBURRO

A/R NUMBER : A2152843
A/R STATUS : HISTRY
STATUS DATE: 31OCT06
LAST UPDATE: 31OCT06
PRINT DATE : 31OCT06

==========

ASSIGNED ORG: OMPO ASSIGNED INV: OMPO PRI/CTD: A F
SUMMARY PLAN DESC: THIS IS A CHILD OF A2145130, MDS6.
A/R COMPLETED ON WORK ORDER R2088495 ACT 4

A/R COMPLETED BY: MARTIN,DAVE DATE: 31OCT06

FILM ID:_____ BLIP NBR:_____ BOX NBR:_____

==========END OF ACTION REQUEST==========

RECURRING TASK WORK ORDER

NUMBER : R2088495 ACT
PRIORITY : 5
STATUS : ASIGND 24OCT06
NBR OF ACTS: 05
LAST UPDATE: 01NOV06
PRINT DATE : 02NOV06

W/O DESC LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN PAGE: 01

AR NUMBER : A2145130 RESPONSIBLE ORG : OEPB

APPROVED BY : YARNES,R AR TYPE/SUBTYPE : RT ACT

RESP FOREMAN : OEPB OC PLANT ENG BAL PLT MUC : C

MAINT UNIT FEG : OC 1 187 000 ATTACHMENTS: N

M/U COMPONENT ID : OC 1 187 F MISC 187

MAINT UNIT DESCR : DRYWELL AND TORUS (SEE NR01 & TORUS VESSEL)

EQUIP REQD MODES : 5 QA CLASS : Q

PROCEDURE NUMBER : EQ : Y

COMPONENT UPDATE : N SAFE S/D : * ASME SECTION XI : Y

BOM/PART UPDATE : N POST MAINT TEST : Y

MOD NUMBER : REPEAT/ PEP NBR : N

NEXT DUE DATE : 16OCT05 TASK FREQUENCY : 0001
TECH SPEC DATE : UNIT : R

ACCOUNTING DATA

BUSINESS UNIT : 10105 PROJECT:

CUSTOMER: SUB ACCT: 517010 PRODUCT: DEPARTMENT: 05330

OPERATING UNIT: 83

RECURRING TASK WORK ORDER

NUMBER : R2088495 ACT
PRIORITY : 5
STATUS : ASIGND 24OCT06
NBR OF ACTS: 05
LAST UPDATE: 01NOV06
PRINT DATE : 02NOV06

W/O DESC LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN PAGE: 02

==========WORK ORDER COMPONENTS==========

COMPONENT ID : OC 1 187 F MISC 187
DRYWELL AND TORUS (SEE NR01 & TORUS VESSEL)

CHEM/RAD MAP :

LOCATION : MULTI QQQ ASME SECTION XI: Y

QA CLASS : Q EQ : Y

==========COMPLETION VERIFICATION==========

PKG ASSMBLED : OTHER :

RESP FOREMAN : REPEAT REQD :

SSV VERIF : N

ASME - ISI BY: COMPLETE DATE:

==========HISTORY VERIFICATION==========

COMPNT UPDATE : RMS DOC NBR :

BILL OF MATLS : RMS FILM NBR :

REPEAT REQD : A/R NBR:

COMPLETE BY :

HISTORY DATE :

==========COMPLETION REMARKS==========

REPEAT MAINT: N PEP NBR:

AS FOUND CONDITION:

ACT 01: FIRST WALKDOWN COMPLETED WITH RX CAVITY FLOODED BY F.STULB 19OCT06
NO WATER WAS DETECTED IN THE POLY BOTTLES. FULL WALKDOWN 19OCT06
REPORT BEING GATHERED IN THE LR TEAM ROOM. 19OCT06
. 19OCT06
POLY BOTTLES WERE WALKED DOWN BY PETE TAMBURRO OR BOB BARBIERI 19OCT06
ON 10/16, 10/17, 10/18, AND 10/19. NO WATER WAS FOUND IN ALL 19OCT06
FIVE BOTTLE. NO WATER WAS FOUND ON TORUS ROOM FLOOR. SECTION 19OCT06
6.1 OF WORK ORDER ENTERED BY PETE TAMBURRO 19OCT06
. 19OCT06
TROUGH DRAIN WAS WALKED DOWN BY PETE TAMBURRO ON 10/16, 10/17, 19OCT06
AND 10/18 PRIOR TO REACTOR CAVITY FLOOD UP. NO WATER WAS OBSERVED 19OCT06
FLOWING TO THE HUB DRAIN. ENTERED BY PTE TAMBURRO SEC 6.2 19OCT06
. 19OCT06
ON 10/19 AT 8:00 AM APPROXIMATELY 12 HOURS AFTER REACTOR 19OCT06
CAVITY FLOOD UP THE TROUGH DRAIN LINE DOWNSTREAM OF V-18-131 19OCT06
WAS OBSERVED TO HAVE A SMALL CONITINOUS STREAM OF WATER ENTERING 19OCT06
THE HUB DRAIN. THE SIZE OF THE STEAM WAS APROXIMATELY PENCIL 19OCT06
SIZE AND ESTIMATED TO BY ABOUT 1 GPM. SEC 6.2 19OCT06

RECURRING TASK WORK ORDER

NUMBER : R2088495 ACT
PRIORITY : 5
STATUS : ASIGND 24OCT06
NBR OF ACTS: 05
LAST UPDATE: 01NOV06
PRINT DATE : 02NOV06

W/O DESC LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN PAGE: 03

COMPLETION REMARKS

REPEAT MAINT: N PEP NBR:

ON 10/20 AT 1000	20OCT06
THE TROUGH DRAIN LINE DOWNSTREAM OF V-18-131	20OCT06
WAS OBSERVED BY BOB BARBIERI	20OCT06
TO HAVE A SMALL CONITINOUS STREAM OF WATER ENTERING	20OCT06
THE HUB DRAIN. THE SIZE OF THE STEAM WAS APROXIMATELY PENCIL	20OCT06
SIZE AND ESTIMATED TO BY ABOUT 1 GPM. SEC 6.2	20OCT06
.	20OCT06
.	20OCT06
ON 10/20 AT 10:00 THE	20OCT06
POLY BOTTLES WERE WALKED DOWN BY BOB BARBIERI AND WERE	20OCT06
NO WATER IN ALL 5 BOTTLES. SEC 6.1	20OCT06
.	20OCT06
.	20OCT06
.	21OCT06
ON 10/21 AT 13:30	21OCT06
THE TROUGH DRAIN LINE DOWNSTREAM OF V-18-131	21OCT06
WAS OBSERVED BY PETE TAMBURRO	21OCT06
TO HAVE A SMALL CONITINOUS STREAM OF WATER ENTERING	21OCT06
THE HUB DRAIN. THE SIZE OF THE STEAM WAS APROXIMATELY PENCIL	21OCT06
SIZE AND ESTIMATED TO BY ABOUT 1 GPM. SEC 6.2	21OCT06
.	21OCT06
.	21OCT06
ON 10/21 AT 13:30 THE	21OCT06
POLY BOTTLES WERE WALKED DOWN BY PETE TAMBURRO AND THERE WAS	21OCT06
NO WATER IN ALL 5 BOTTLES. SEC 6.1	21OCT06
.	22OCT06
10/22/06 15:00 -	22OCT06
PERFORMED WALK DOWN IN TORUS ROOM AND INSPECTED ALL 5 POLY BOTTLES.	22OCT06
ALL WERE DRY, AS WERE THE HOSES. LOOKED UNDER TORUS FOR SIGNS OF	22OCT06
WATER; NONE WAS PRESENT	22OCT06
.	22OCT06
ALSO INSPECTED HUB DRAIN ON 75'. THERE WAS A CONTINUOUS FLOW	22OCT06
CATEGORIZED AS A MODERATE SIZE PENCIL STREAM. THIS WAS CONSISTENT	22OCT06
WITH PREVIOUS INSPECTIONS.	22OCT06
R. BARBIERI	22OCT06
.	23OCT06
10/23/06 13:30 -	23OCT06
PERFORMED WALK DOWN IN TORUS ROOM AND INSPECTED ALL 5 POLY BOTTLES.	23OCT06
ALL WERE DRY, AS WERE THE HOSES. LOOKED UNDER TORUS FOR SIGNS OF	23OCT06
WATER; NONE WAS PRESENT	23OCT06
.	23OCT06
ALSO INSPECTED HUB DRAIN ON 75'. THERE WAS A CONTINUOUS FLOW	23OCT06
CATEGORIZED AS A MODERATE SIZE PENCIL STREAM. THIS WAS CONSISTENT	23OCT06
WITH PREVIOUS INSPECTIONS.	23OCT06
PETE TAMBURRO	23OCT06
.	24OCT06
10/24/06, 10:30 -	24OCT06
PERFORMED WALK DOWN IN TORUS ROOM. INSPECTED ALL 5 POLY BOTTLES AND	24OCT06
CONNECTING TUBING. NO WATER OBSERVED. ALSO INSPECTED UNDER TORUS IN	24OCT06
ALL BAYS. NO WATER PRESENT.	24OCT06
.	24OCT06

RECURRING TASK WORK ORDER

NUMBER : R2088495 ACT
PRIORITY : 5
STATUS : ASIGND 24OCT06
NBR OF ACTS: 05
LAST UPDATE: 01NOV06
PRINT DATE : 02NOV06

W/O DESC LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN PAGE: 04

COMPLETION REMARKS

REPEAT MAINT: N PEP NBR:

PERFORMED INSPECTION OF REACTOR CAVITY TROUGH DRAIN ON 75'. LEAKAGE	24OCT06
IS CONSISTENT WITH PAST INSPECTIONS. LEAKAGE IS STILL A MODERATE	24OCT06
PENCIL STREAM AND IS STEADY.	24OCT06
R. BARBIERI	24OCT06
.	24OCT06
10/25/06 20:30	25OCT06
PERFORMED INSPECTION OF REACTOR CAVITY TROUGH DRAIN ON 75' ELEVATION	25OCT06
THERE WAS A PENCIL STREAM - NO CHANGE IN FLOW. PERFORMED WALK DOWN	25OCT06
OF ALL 5 POLY BOTTLES IN TORUS ROOM. THERE WAS NO WATER PRESENT IN	25OCT06
ANY OF THE BOTTLES. WATER ON THE FLOOR TO THE LEFT OF NORTHEAST	25OCT06
CORNER ROOM DOOR (BAY 17). WATER WAS NOTED DRIPPING FROM ABOVE AT	25OCT06
ABOUT 60+ DROPS PER MINUTE AND IS ALSO RUNNING DOWN THE SIDE OF THE	25OCT06
TORUS AND COLLECTING UNDERNEATH.	25OCT06
F. STULB	25OCT06
.	25OCT06
10/26/06 14:30	26OCT06
INSPECTED TORUS ROOM FOR SIGNS OF WATER. ALL 5 POLY BOTTLES WERE	26OCT06
EMPTY. NOTED PUDDLE ON FLOOR NEAR DRYWELL WALL IN BAY 11 (THE POLY-	26OCT06
BOTTLE IN BAY 11 WAS EMPTY). DID NOT APPEAR THAT DRYWELL WAS WET,	26OCT06
BUT NEED ADDITIONAL INSPECTION TO DETERMINE SOURCE. NOTE THAT 1-6	26OCT06
SUMP WAS TAGGED OUT AND WAS OVERFLOWING. THIS COULD BE THE CAUSE OF	26OCT06
WATER IN BAY 11. IR SUBMITTED.	26OCT06
.	26OCT06
INSPECTED TROUGH DRAIN. NO CHANGE FROM PREVIOUS INSPECTIONS. PENCIL	26OCT06
STREAM NOTED.	26OCT06
R. BARBIERI	26OCT06
.	27OCT06
10/27/06 14:30	27OCT06
INSPECTED TROUGH DRAIN. NO CHANGE FROM PREVIOUS. PENCIL STREAM.	27OCT06
INSPECTED POLY BOTTLES. NO WATER IN ANY BOTTLES. FOUND PUDDLE NEAR	27OCT06
DRYWELL WALL IN BAY 11, AND DETERMINED THAT DRYWELL WALL WAS WET.	27OCT06
COULD NOT FIND SOURCE. NEED TO GO ON TOP OF TORUS.	27OCT06
REPORTED TO LICENSE RENEWAL TEAM.	27OCT06
ISSUED IR 549432-02 TO INSPECT SAND BED IN BAY 11.	27OCT06
R. BARBIERI	27OCT06
10/28/06 14:00	28OCT06
INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS.	28OCT06
THE LEAKAGE WAS PENCIL STREAM SIZE.	28OCT06
INSPECTED TORUS ROOM AND ALL 5 BOTTLES WERE EMPTY. NO WATER ON FLOOR	28OCT06
EXCEPT IN BAY 11 AS NOTED PREVIOUSLY.	28OCT06
DUE TO THIS WATER IN BAY 11, PERFORMED WALKDOWN ON TOP OF TORUS.	28OCT06
NOTED WATER LEAKING FROM AROUND VENT PIPE. ABOUT 1 DROP EVERY 10	28OCT06
SECONDS. PETE TAMBURRO ENTERED TUNNEL AND INSPECTED INSIDE OF SAND	28OCT06
BED. THERE WAS NO WATER PRESENT IN SAND BED AREA OR IN THE TUNNEL.	28OCT06
R. BARBIERI	28OCT06
.	28OCT06
10/29/06 13:10	29OCT06
INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS.	29OCT06
THE LEAKAGE WAS PENCIL STREAM SIZE.	29OCT06
INSPECTED TORUS ROOM AND ALL 5 BOTTLES WERE EMPTY. NO WATER ON FLOOR	29OCT06
EXCEPT IN BAY 11 AS NOTED PREVIOUSLY. PETE TAMBURRO	29OCT06

RECURRING TASK WORK ORDER

NUMBER : R2088495 ACT
PRIORITY : 5
STATUS : ASIGND 24OCT06
NBR OF ACTS: 05
LAST UPDATE: 01NOV06
PRINT DATE : 02NOV06

W/O DESC LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN PAGE: 05

==========COMPLETION REMARKS==========

REPEAT MAINT: N PEP NBR: _____

.	30OCT06
10/30/06 21:30	30OCT06
PERFORMED INSPECTION OF REACTOR CAVITY TROUGH DRAIN ON 75' ELEVATION	30OCT06
THERE WAS A PENCIL STREAM - NO CHANGE IN FLOW. PERFORMED WALK DOWN	30OCT06
OF ALL 5 POLY BOTTLES IN TORUS ROOM. THERE WAS NO WATER PRESENT IN	30OCT06
ANY OF THE BOTTLES. WATER ON THE FLOOR AND UNDER TORUS 1 BAY TO THE	30OCT06
LEFT OF NORTHEAST CORNER ROOM DOOR. WATER ON FLOOR 2-3 BAYS RIGHT	30OCT06
OF NORTHEAST CORNER ROOM DOOR. THERE WAS WATER ON THE FLOOR UNDER	30OCT06
THE TORUS NEAR BAY 11 BOTTLE AS NOTED IN PREVIOUS INSPECTIONS.	30OCT06
FRANK STULB	30OCT06
.	31OCT06
10/31/06 13:30	31OCT06
INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. A	31OCT06
PENCIL STREAM WAS NOTED.	31OCT06
INSPECTED POLY BOTTLES IN TORUS ROOM. ALL WERE EMPTY. NO WATER FOUND	31OCT06
EXCEPT AS PREVIOUSLY NOTED.	31OCT06
R. BARBIERI	31OCT06
.	31OCT06
11/01/06 17:30	01NOV06
INSPECTED TROUGH DRAIN AND NO CHANGE FROM PREVIOUS INSPECTIONS. A	01NOV06
PENCIL STREAM WAS NOTED.	01NOV06
INSPECTED POLY BOTTLES IN TORUS ROOM. ALL WERE EMPTY. NO WATER FOUND	01NOV06
EXCEPT AS PREVIOUSLY NOTED.	01NOV06
PETE TAMBURRO 11/1/06	01NOV06
.	01NOV06
AS LEFT CONDITION:	
A03: REVIEW OF VIDEO AFTER DRAIN WAS CLEARED WAS SATISFACTORY. ALL	30OCT06
DRAINS ARE NOW CLEAR. DTB0	30OCT06
A03 AND A04: VERIFICATION OF THE SAND BED DRAINS AS BEING CLEAR WAS	31OCT06
PERFORMED BY PETER TAMBURRO AFTER THE COMPLETION OF THE CLEANING	31OCT06
REQUIRED BY IR 547236 ON BAYS 7 AND 11. ALL SAND BED DRAINS ARE NOW	31OCT06
VERIFIED CLEAR BASE ON THE REVIEW OF THE VIDEO BY PETER TAMBURRO	31OCT06
THIS WAS VERIFIED BY DAN BARNES AND DOCUMENTED HERE BY TOM QUINTENZ	31OCT06
TEQ0	31OCT06

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

RWP ACCESS CODE: OC-1-06-00058 PAGE: 01

==========DESCRIPTION==========

W/O DESCRIPTION : LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN
ACT DESCRIPTION : LEAKAGE MONITOR TORUS, SANDBEDS & RX DRAIN
PERFORMING ORG : OEPB RECURRING TASK NBR: PM18704M PRI: 5
COMPONENT ID : OC 1 187 F MISC 187
EQUIPMENT LOCATION: MULTI QQQ
CLR NUMBER : QA CLASS: Q EQ: Y
WO RESP ORG : OEPB FEG : OC 1 187 000
DATE/SHIFT : 03NOV06 X
FOREMAN : OC PLANT ENG BAL PL CHARGING WORK CENTER: 05330
SSV AUTH : RCL4 DATE : 19OCT06
ORG-INSP/HOLD :
ACT TYPE : C SUPPORT DATES: N/A N/A
PREPARED BY : YARNES,R DATE : 05SEP06
HOLDS : MODE N PARTS N CHEM + RAD CLR PLAN SCH

==========SAFETY/PLANT IMPACT CONSIDERATIONS==========

BARRIER PERMIT RQD: CHEMICAL HAZARD : N CSP REQ : Y
FIRE PROTECTION : N SECURITY : N FSI REQ : N
HAZARD BARRIER : N /

==========CHEM AND RAD DATA==========

SYSTEM BREACH : N INSULATION REQUIRED: N
HWP REQ : N SCAFFOLDING REQD : N TECH SPEC: N
MULTIPLE WORK LOC : MAP NBR:
HP REQD : B HIGH RAD - HP BRIEFING REQUIRED

==========SCHEDULING DATA==========

PREMIS ID : 4 PC 3 SCHED ID/WIN : 1R21 1R21
START DATE : 18OCT06 EST DUR (HRS) : 373 POST MAINT TEST:
CLEARANCE REQD : N DUE DATE : 16OCT05 TECH SPEC: N/A
DOSE ESTIMATE : 0010 mR

==========INITIAL REVIEWS==========

ASME/ISI REVIEW : PARKER, J. ASME XI R&R: N DATE: 02OCT06
QC PLAN REVIEW : YARNES,R NQCR - DATE: 12OCT06
APPROVED BY : PARKER, J. DATE:

PRINT NAME AND WRITE INITIALS OF ALL PERSONNEL WHO INITIALED THIS ACTIVITY

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

==========ACTIVITY PROCEDURE LIST==========

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

========== RAD PROTECTION REQUIREMENTS ==========

ALARMING DOSIMETER: Y

ED SETPOINT: 0012 MREM or 0050 MREM/HR

HP COVERAGE: INTERMITTENT

RWP ACCESS CODE: OC-1-06-00058

========== HP SPECIAL INSTRUCTIONS ==========

* OC-1-06-00058 - OBSERVATION & INSPECTION
* KNOWLEDGE OF THE RADIOLOGICAL CONDITIONS IS REQUIRED PRIOR TO ENTERING THE RCA UNLESS ESCORTED BY AN RP TECH.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
.
.
* THIS RWP IS NOT VALID FOR HRA,LHRA,VHRA.
1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)
* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.
* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).
1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== HP SPECIAL INSTRUCTIONS ==========

* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.
* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1.0 PURPOSE		
	.		
	1.1 THE PURPOSE OF THIS ACTIVITY IS TO COMPLETE COMMITMENTS MADE FOR LICENSE RENEWAL AND AS PART OF OUR DRYWELL CORROSION MONITORING PROGRAM. THESE COMMITMENTS ARE DOCUMENTED IN THE COMMENTS SECTION OF THE WORK ORDER. THE LICENSE RENEWAL COMMITMENTS ARE ANNOTATED WITH THE (CM-1) ANNOTATION. IN ADDITION, LEAKAGE MONITORING IS ALSO A COMMITMENT FOR THE DRYWELL CORROSION MONITORING PROGRAM, WHICH PREDATED THE LICENSE RENEWAL COMMITMENTS. THESE COMMITMENTS ARE DESIGNATED BY (CM-2):		
	.		
	2.0 CLEARANCE REQUIREMENTS		
	.		
	2.1 NONE		
	.		
	3.0 IMPACT TO OPERATIONS		
	.		
	3.1 NONE, INSPECTION ONLY		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	.		
	4.0 PRECAUTIONS		
	.		
	4.1 CONDUCT A PRE-JOB BRIEF AND DISCUSS ERROR LIKELY SITUATIONS.		
	.		
	4.2 CONTACT RADPRO FOR ALARA BRIEF OR ANY OTHER RADIOLOGICAL CONCERNS.		
	.		
	4.3 BE SURE TO VERIFY WHAT THE PROPER PERSONEL PROTECTION EQUIPMENT (PPE) IS TO PERFORM THIS WORK ACTIVITY (REF. THE EXLON NUCLEAR SAFETY POCKET GUIDE).		
	.		
	4.4 ENSURE ANY PERMITS GENERATED FOR THIS ACT HAVE BEEN TAKEN TO COMPLT/HISTORY.		
	.		
	5.0 SUPPORT INFORMATION		
	.		
	5.1 LOCATION:		
	.		
	5.1.1 REACTOR CAVITY TELLTALE DRAIN - REACTOR		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

ACTIVITY FOLLOWER DESCRIPTION

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	BUILDING 75' (NEAR FPC HEAT EXCHANGERS)		
	.		
	5.1.2 EQUIPMENT POOL TELLTALE DRAIN - REACTOR BUILDING 75' (WEST WALL)		
	.		
	5.1.3 EQUIPMENT POOL TELLTALE DRAIN - REACTOR BUILDING 75' (SOUTH WALL)		
	.		
	5.1.4 REACTOR BUILDING CEILING - SOUTH SIDE		
	.		
	5.1.5 REACTOR BUILDING 75' SOUTH DRYWELL PENETRATIONS		
	.		
	5.1.6 REACTOR BUILDING 51' DRYWELL PENETRATIONS BY RK-02		
	.		
	5.1.7 REACTOR BUILDING 23' DRYWELL PENETRATIONS (SOUTH SIDE)		
	.		
	5.1.8 TORUS BAY 1		
	.		
	5.1.9 TORUS BAY 3		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	.		
	5.1.10 TORUS BAY 5		
	.		
	5.1.11 TORUS BAY 7		
	.		
	5.1.12 TORUS BAY 9		
	.		
	5.1.13 TORUS BAY 11		
	.		
	5.1.14 TORUS BAY 13		
	.		
	5.1.15 TORUS BAY 15		
	.		
	5.1.16 TORUS BAY 17		
	.		
	5.1.17 TORUS BAY 19		
	.		
	5.1.18 5 POLY BOTTLES IN TORUS ROOM		
	.		
	5.2 DRAWINGS		
	.		
	5.2.1 GE 237E756 SPENT FUEL POOL COOLING.		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	.		
	5.2.2 GU 3E-153-02-009 REACTOR BLDG. ARRGMT.		
	.		
	5.3 PROCEDURES:		
	.		
	5.3.1 MA-AA-716-008 FOREIGN MATERIAL EXCLUSION		
	.		
	5.3.2 MA-AA-716-021 RIGGING AND LIFTING PROGRAM		
	.		
	5.3.3 MA-AA-716-026 STATION HOUSEKEEPING MATERIAL CONDITION PROGRAM.		
	.		
	6.0 JOB SCOPE		
	.		
	6.1 PERFORM AN INSPECTION OF THE 5 SAND BED REGION DRAINS, IN THE TORUS ROOM, FOR LEAKAGE EVERY DAY DURING EACH OUTAGE WHILE THE REACTOR CAVITY CONTAINS WATER. (CM-1)(CM-2, NO FREQUENCY COMMITTED)		
	.		
	6.1.1 VERIFY THE POLY BOTTLES, WHICH COLLECT		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	WATER LEAKAGE FROM THE DRAINS ARE EMPTY.		
	.		
	6.1.2 VISUALLY INSPECT THE TUBING, WHICH CONNECT THE DRAINPIPES TO THE POLY BOTTLES FOR CURRENT FLOW OF WATER OR WATER DROPS.		
	.		
	6.1.3 VISUALLY INSPECT THE FLOOR AREAS AROUND AND UNDER THE TORUS FOR PRESENCE OF WATER. IF LEAKAGE IS FOUND, DETERMINE THE SOURCE OF LEAKAGE, AND IF NOT FROM THE SANDBED DRAINS REPORT THE LEAKAGE IN AN IR.		
	.		
	6.1.4 NOTIFY ENGINEERING IMMEDIATELY IF WATER IS FOUND IN THE POLY BOTTLES OR IF WATER LEAKAGE IS OBSERVED COMING FROM THE SAND BED DRAINS.		
	.		
	6.1.5 IF LEAKAGE IS DETECTED IN ANY OF THE SANDBED DRAINS ISSUE AN IR WITH THE FOLLOWING REQUIRED ACTIONS PER OUR		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	COMMITMENTS(CM-1):		
	.		
	6.1.5.1 DETERMINE THE SOURCE OF LEAKAGE AND INVESTIGATE AND ADDRESS THE IMPACT OF LEAKAGE ON THE DRYWELL SHELL, INCLUDING:		
	.		
	6.1.5.1.1 VERIFICATION OF THE CONDITION OF THE . OF THE DRYWELL SHELL COATING AND MOISTURE BARRIER (SEAL) IN THE SAND BED REGION		
	.		
	6.1.5.1.2 PERFORMANCE OF UT EXAMINATIONS OF THE SHELL IN THE UPPER REGIONS.		
	.		
	6.1.5.2 UTS WILL ALSO BE PERFORMED ON ANY AREAS IN THE SAND BED REGION WHERE VISUAL INSPECTION INDICATES THE COATING IS DAMAGED AND CORROSION HAS OCCURRED.		
	.		
	6.1.5.3 UT RESULTS WILL BE EVALUATED PER THE EXISTING PROGRAM.		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	.		
	6.1.5.4 ANY DEGRADED COATING OR MOISTURE BARRIER WILL BE REPAIRED.		
	.		
	6.1.5.5 THESE ACTIONS WILL BE COMPLETED PRIOR TO EXITING THE ASSOCIATED OUTAGE.		
	.		
	6.2 PERFORM AN INSPECTION OF THE REACTOR CAVITY CONCRETE TROUGH DRAIN FOR LEAKAGE EVERY DAY DURING EACH OUTAGE WHILE THE REACTOR CAVITY CONTAINS WATER. (CM-1)(CM-2, NO FREQUENCY)		
	.		
	6.2.1 THE AFFECTED DRAIN IS 2-INCH DIAMETER NN-6, VALVE V-18-131 SHOWN ON P&ID GE-237E756 SHEET 1 & JC-147434 SHEET 2 LEAKAGE FROM THE DRAIN CAN BE OBSERVED BY INSPECTING THE STEEL COLLECTION TROUGH AT ELEV. 75'.		
	.		
	6.2.2 NOTIFY ENGINEERING IMMEDIATELY IF EVIDENCE OF WATER LEAKAGE IS		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	OBSERVED.		
	.		
	6.2.3 ISSUE AN IR DOCUMENTING THE LEAKAGE, WITH THE REQUIRED ACTION FOR ENGINEERING TO EVALUATE THE AMOUNT OF LEAKAGE AND ANY FURTHER ACTIONS. EVALUATION OF THE LEAKAGE SHOULD CONSIDER THE PREVIOUS UNDERSTANDING OF WHAT IS ACCEPTABLE. LEAKAGE MAY BE AS AGREED BY THE NRC AND DOCUMENTED IN THE REFERENCES FOR (CM-2).		
	.		
	6.3 INSPECT FOR LEAKAGE AT THE LOCATIONS LISTED IN STEP 5.1 AND DOCUMENT QUANTITY OF LEAKAGE IN EACH AREA.		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 01
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 19OCT06
TYPE : ACT

==========SUMMARY COMMENTS:==========

CAUSE CODE: __ __ __ REPAIR CODE: __ __ __

ADDITIONAL PAGES ATTACHED ? ___ ETT REMOVED ? ___

==========MEASUREMENT AND TEST EQUIPMENT==========

ID NUMBER	DATE USED	DESCRIPTION	ADDITIONAL PAGES ATTACHED ? __

==========FINAL REVIEWS==========

MAINT _____ DATE : _____

QC _____ DATE : _____

OTHER _____ DATE : _____

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

RWP ACCESS CODE: OC-1-06-00058 PAGE: 01

==========DESCRIPTION==========

W/O DESCRIPTION : LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN
ACT DESCRIPTION : 187 ENGINEERING SUPPORT (CONT)
PERFORMING ORG : OEPP RECURRING TASK NBR: PM18704M PRI: 5
COMPONENT ID : OC 1 187 F MISC 187
EQUIPMENT LOCATION: MULTI QQQ
CLR NUMBER : QA CLASS: Q EQ: Y
WO RESP ORG : OEPB FEG : OC 1 187 000
DATE/SHIFT : 03NOV06 X
FOREMAN : OC PLANT ENG BAL PL CHARGING WORK CENTER: 05351
SSV AUTH : SPH1 DATE : 31OCT06
ORG-INSP/HOLD :
ACT TYPE : S SUPPORT DATES: N/A N/A
PREPARED BY : YARNES,R DATE : 09MAY04
HOLDS : MODE N PARTS N CHEM + RAD CLR PLAN SCH

==========SAFETY/PLANT IMPACT CONSIDERATIONS==========

BARRIER PERMIT RQD: CHEMICAL HAZARD : N CSP REQ :
FIRE PROTECTION : N SECURITY : N FSI REQ : N
HAZARD BARRIER : N /

==========CHEM AND RAD DATA==========

SYSTEM BREACH : N INSULATION REQUIRED: N
HWP REQ : N SCAFFOLDING REQD : N TECH SPEC: N
MULTIPLE WORK LOC : MAP NBR:
HP REQD : B HIGH RAD - HP BRIEFING REQUIRED

==========SCHEDULING DATA==========

PREMIS ID : 4 PC 3 SCHED ID/WIN : 1R21 1R21
START DATE : 30OCT06 EST DUR (HRS) : 32 POST MAINT TEST:
CLEARANCE REQD : N DUE DATE : 16OCT05 TECH SPEC: N/A
DOSE ESTIMATE : 0030 mR

==========INITIAL REVIEWS==========

ASME/ISI REVIEW : ASME XI R&R: DATE: N/A
QC PLAN REVIEW : YARNES,R NQCR - DATE: 05SEP06
APPROVED BY : YARNES,R DATE:

PRINT NAME AND WRITE INITIALS OF ALL PERSONNEL WHO INITIALED THIS ACTIVITY

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

==========ACTIVITY PROCEDURE LIST==========

MA-AA-796-024

========== RAD PROTECTION REQUIREMENTS ==========

ALARMING DOSIMETER: Y

ED SETPOINT: 0012 MREM or 0050 MREM/HR

HP COVERAGE: INTERMITTENT

RWP ACCESS CODE: OC-1-06-00058

========== HP SPECIAL INSTRUCTIONS ==========

* OC-1-06-00058 - OBSERVATION & INSPECTION
* KNOWLEDGE OF THE RADIOLOGICAL CONDITIONS IS REQUIRED PRIOR TO ENTERING THE RCA UNLESS ESCORTED BY AN RP TECH.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
.
.
* THIS RWP IS NOT VALID FOR HRA,LHRA,VHRA.
1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)
* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.
* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).
1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

========== HP SPECIAL INSTRUCTIONS ==========

* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.
* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1.0 PURPOSE		
	.		
	1.1 THIS IS A CONTINGENCY ACTIVITY TO PROVIDE ENGINEERING A MEANS TO RESOLVE ANY FINDINGS FROM ACTIVITY 01, IN-OUTAGE INSPECTION, SUCH AS DAMAGE, LEAKS OR OTHER NON-CONFORMANCE'S.		
	.		
	2.0 CLEARANCE REQUIREMENTS:		
	.		
	2.1 NONE		
	.		
	3.0 IMPACT TO OPERATIONS:		
	.		
	3.1 AS DETERMINED BY ENGINEERING.		
	.		
	4.0 PRECAUTIONS:		
	.		
	4.1 SEE ACTIVITY 01.		
	.		
	5.0 SUPPORT INFORMATION		
	.		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	5.1 SEE ACTIVITY #1		
	.		
	5.2 DRAWINGS:		
	.		
	5.2.1 GE 237E756 SPENT FUEL POOL COOLING.		
	.		
	5.2.2 GU 3E-153-02-009 REACTOR BLDG. ARRGMT.		
	.		
	5.3 PROCEDURES:		
	.		
	5.3.1 MA-AA-716-008 FOREIGN MATERIAL EXCLUSION.		
	.		
	5.3.2 MA-AA-716-021 RIGGING AND LIFTING PROGRAM		
	.		
	5.3.3 MA-AA-716-026 STATION HOUSEKEEPING MATERIAL CONDITION PROGRAM.		
	.		
	6. JOB SCOPE		
	.		
	********** NOTE **********		
	WORK ORDER ACTIVITY 01: IN-OUTAGE INSPECTION:		
	GENERATE PERMITS AS REQUIRED		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	**********		
	.		
	6.1 PERFORM A WALKDOWN/BRIEFING WITH ASSIGNED ENGINEER ENTAILING COMPLETE EXPLANATION OF PROBLEM(S) FOUND. PROVIDE SUGGESTED METHOD OF PROBLEM RESOLUTION.		
	.		
	6.2 ENGINEER PROVIDE RESOLUTION OF PROBLEM VIA WRITTEN INSTRUCTION(S)/EVALUATION ADDED TO THIS ACTIVITY.		
	.		
	6.3 ENGINEER/SUPERVISOR COORDINATE WITH RADPRO TO ENSURE ANY ADDITIONAL RADIOLOGICAL REQUIREMENTS ARE SUPPORTED BY THE RWP AND HP.		
	.		
	6.4 CONDUCT A PRE-JOB BRIEF WITH THE WORK CREW AND DISCUSS ERROR LIKELY SITUATIONS.		
	.		
	6.5 RESPONSIBLE SUPERVISOR DIRECT CRAFT IN PERFORMING INSTRUCTION TO RESOLVE ISSUE. NOTIFY ENGINEER IF ADDITIONAL NEEDS ARISE		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	FOR ADDITIONAL SUPPORT AND INSTRUCTION.		
	DOCUMENT ALL ACTIONS TAKEN AND RESULTS OF		
	THOSE ACTIONS IN WO SUMMARY AND CREM.		
	.		
6.6	BE SURE TO MAINTAIN SYSTEM CLEANLINESS,		
	AND FME REQUIREMENTS AS PER MA-AA-716-008		
	.		
6.7	DISPOSE OF ALL WASTE IAW RAD PRO DIRECTIONS		
	.		
6.8	ENSURE ALL FORMS AND ATTACHMENTS CONTAINED		
	IN PROCEDURES ARE COMPLETE.		
	.		
7.0	DOCUMENTATION:		
	.		
7.1	DOCUMENT WORK PERFORMED, ALL MATERIAL USED		
	AND AS LEFT CONDITION IN CREM.		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 02
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : INPROG 31OCT06
TYPE : ACT

==========SUMMARY COMMENTS:==========

CAUSE CODE: __ __ __ REPAIR CODE: __ __ __

ADDITIONAL PAGES ATTACHED ? ___ ETT REMOVED ? ___

==========MEASUREMENT AND TEST EQUIPMENT==========

ID NUMBER	DATE USED	DESCRIPTION	ADDITIONAL PAGES ATTACHED ? __

==========FINAL REVIEWS==========

MAINT _____ DATE : _____

QC _____ DATE : _____

OTHER _____ DATE : _____

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

RWP ACCESS CODE: OC10600431MAP#06-431 PAGE: 01

==========DESCRIPTION==========

W/O DESCRIPTION : LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN
ACT DESCRIPTION : 187 CAMERA INSPECTION
PERFORMING ORG : OEP RECURRING TASK NBR: PM18704M PRI: 5
COMPONENT ID : OC 1 187 F MISC 187
EQUIPMENT LOCATION: MULTI QQQ
CLR NUMBER : QA CLASS: Q EQ: Y
WO RESP ORG : OEPB FEG : OC 1 187 00
DATE/SHIFT : 30OCT06 X
FOREMAN : OC WRK SUPP PROJECT CHARGING WORK CENTER: 05330
SSV AUTH : JJK5 DATE : 19OCT06
ORG-INSP/HOLD :
ACT TYPE : E SUPPORT DATES: N/A N/A
PREPARED BY : PARKER, J. DATE : 02OCT06
HOLDS : MODE N PARTS N CHEM + RAD CLR PLAN SCH

==========SAFETY/PLANT IMPACT CONSIDERATIONS==========

BARRIER PERMIT RQD: CHEMICAL HAZARD : N CSP REQ : N
FIRE PROTECTION : N SECURITY : N FSI REQ : N
HAZARD BARRIER : /

==========CHEM AND RAD DATA==========

SYSTEM BREACH : N INSULATION REQUIRED: N
HWP REQ : N SCAFFOLDING REQD : N TECH SPEC: N
MULTIPLE WORK LOC : MAP NBR:
HP REQD : B HIGH RAD - HP BRIEFING REQUIRED

==========SCHEDULING DATA==========

PREMIS ID : 4 PC SCHED ID/WIN : 1R21 1R21
START DATE : 19OCT06 EST DUR (HRS) : 35 POST MAINT TEST:
CLEARANCE REQD : N DUE DATE : 16OCT05 TECH SPEC: N/A
DOSE ESTIMATE : 0000 mR

==========INITIAL REVIEWS==========

ASME/ISI REVIEW : ASME XI R&R: DATE: N/A
QC PLAN REVIEW : DATE: N/A
APPROVED BY : PARKER, J. DATE:

PRINT NAME AND WRITE INITIALS OF ALL PERSONNEL WHO INITIALED THIS ACTIVITY

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

==========ACTIVITY PROCEDURE LIST==========

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

========== RAD PROTECTION REQUIREMENTS ==========

ALARMING DOSIMETER: Y

ED SETPOINT: 0040 MREM or 0200 MREM/HR ALARA PRE JOB REQUIRED: Y

HP COVERAGE: INTERMITTENT

RWP ACCESS CODE: OC10600431MAP#06-431

========== HP SPECIAL INSTRUCTIONS ==========

1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)
* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.
* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).
1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)
* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

========== HP SPECIAL INSTRUCTIONS ==========

* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1. PURPOSE		
	A. THE PURPOSE OF THIS ACTIVITY IS TO PERFORM CAMERA INSPECTIONS OF THE INTERNALS OF THE FORMER SANDBED CAVITY DRAIN LINES.		
	.		
	2. CLEARANCE REQUIREMENTS		
	A. NO CLEARANCE REQUIRED.		
	.		
	3. IMPACT TO OPERATIONS		
	A. NONE, INSPECTION ONLY		
	.		
	4. PRECAUTIONS		
	A. CONDUCT A PRE-JOB BRIEF AND DISCUSS ERROR LIKELY SITUATIONS.		
	B. CONTACT RADPRO FOR ALARA BRIEF OR ANY OTHER RADIOLOGICAL CONCERNS.		
	C. BE SURE TO VERIFY WHAT THE PROPER PERSONEL PROTECTION EQUIPMENT (PPE) IS TO PERFORM THIS WORK ACTIVITY.		
	.		
	5. SUPPORT INFORMATION		
	A. LOCATION:		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1. TORUS ROOM		
	5 SAND BED DRAIN LINES IN BAYS 3, 7, 11		
	15 & 19		
	B. DRAWINGS		
	1. GU 3E-153-02-009 REACTOR BLDG. ARRGMT.		
	C. PROCEDURES:		
	1. MA-AA-716-008 FME		
	2. MA-AA-716-026 STATION HOUSEKEEPING		
	MATERIAL CONDITION PROGRAM.		
	D. ENGINEERING DOCUMENTS:		
	1. TDR NO. 694		
	2. IS-328227-004		
	.		
	6. JOB SCOPE		
	A. PERFORM A CAMERA INSPECTION OF THE 5 SAND		
	BED REGION DRAINS, IN THE TORUS ROOM,		
	FOR BLOCKAGE.		
	B. REMOVE THE TUBING FOR PIPE INTERNAL		
	INSPECTION. PERFORM CAMERA INSPECTION FROM		
	THE TORUS ROOM TO THE SCREEN. INSTALL		
	TUBING AND ROUTE TO A POLY BOTTLE. DOCUMENT		
	CONDITION OF THE PIPING IN THE CREM.		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

ACTIVITY FOLLOWER DESCRIPTION

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	C. DOCUMENT ACCEPTANCE CRITERIA:		
	BAY 3 BAY 7 BAY 11 BAY 15 BAY 19		
	1. BLOCKAGE LESS THAN 15% CROSS SECTION		
DL	ZERO BLOCKAGE		
	2. EXAMINATION DATE/TIME		
DL	ZERO BLOCKAGE		
	3. METHOD OF EXAMINATION		
DL	ZERO BLOCKAGE		
	4. EXAMINER NAME		
DL	ZERO BLOCKAGE		
	5. REVIEWER NAME		
DL	ZERO BLOCKAGE		
SV	C. VERIFY THAT TUBING IS INSTALLED INTO POLY BOTTLES WHEN INTERNAL INSPECTIONS ARE COMPLETE.	DRR0 30OCT06	

RECURRING TASK ACTIVITY

W/O NBR : R2088495 03
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 30OCT06
TYPE : ACT

==========SUMMARY COMMENTS:==========

CAUSE CODE: __ __ __ REPAIR CODE: __ __ __

ADDITIONAL PAGES ATTACHED ? ___ ETT REMOVED ? ___

==========MEASUREMENT AND TEST EQUIPMENT==========

ID NUMBER	DATE USED	DESCRIPTION	ADDITIONAL PAGES ATTACHED ? __

==========FINAL REVIEWS==========

MAINT _____ DATE : _____

QC _____ DATE : _____

OTHER _____ DATE : _____

RECURRING TASK ACTIVITY

W/O NBR : R2088495 04
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 31OCT06
TYPE : ACT

RWP ACCESS CODE: OC10600431MAP#06-431 PAGE: 01

==========DESCRIPTION==========

W/O DESCRIPTION : LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN
ACT DESCRIPTION : 187 (CONTINGENT) CLEAR PIPE BLOCKAGE
PERFORMING ORG : OMM RECURRING TASK NBR: PM18704M PRI: 5
COMPONENT ID : OC 1 187 F MISC 187
EQUIPMENT LOCATION: MULTI QQQ
CLR NUMBER : QA CLASS: Q EQ: Y
WO RESP ORG : OEPB FEG : OC 1 187 00(
DATE/SHIFT : 31OCT06 X
FOREMAN : MARTIN, DAVE CHARGING WORK CENTER: 05322
SSV AUTH : DM10 DATE : 24OCT06
ORG-INSP/HOLD :
ACT TYPE : C SUPPORT DATES: N/A N/A
PREPARED BY : PARKER, J. DATE : 02OCT06
HOLDS : MODE N PARTS N CHEM + RAD CLR PLAN SCH

==========SAFETY/PLANT IMPACT CONSIDERATIONS==========

BARRIER PERMIT RQD: CHEMICAL HAZARD : N CSP REQ : N
FIRE PROTECTION : N SECURITY : N FSI REQ : N
HAZARD BARRIER : /

==========CHEM AND RAD DATA==========

SYSTEM BREACH : N INSULATION REQUIRED: N
HWP REQ : N SCAFFOLDING REQD : N TECH SPEC: N
MULTIPLE WORK LOC : MAP NBR:
HP REQD : B HIGH RAD - HP BRIEFING REQUIRED

==========SCHEDULING DATA==========

PREMIS ID : 4 PC SCHED ID/WIN : 1R21 1R21
START DATE : 26OCT06 EST DUR (HRS) : 9 POST MAINT TEST:
CLEARANCE REQD : N DUE DATE : 16OCT05 TECH SPEC: N/A
DOSE ESTIMATE : 0020 mR

==========INITIAL REVIEWS==========

ASME/ISI REVIEW : PARKER, J. ASME XI R&R: DATE: 02OCT06
QC PLAN REVIEW : SULLIVAN, M. NQCR - DATE: 28OCT06
APPROVED BY : PARKER, J. DATE:

PRINT NAME AND WRITE INITIALS OF ALL PERSONNEL WHO INITIALED THIS ACTIVITY

RECURRING TASK ACTIVITY

W/O NBR : R2088495 04
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 31OCT06
TYPE : ACT

==========ACTIVITY PROCEDURE LIST==========

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

========== RAD PROTECTION REQUIREMENTS ==========

ALARMING DOSIMETER: Y

ED SETPOINT: 0040 MREM or 0200 MREM/HR ALARA PRE JOB REQUIRED: Y

HP COVERAGE: INTERMITTENT

RWP ACCESS CODE: OC10600431MAP#06-431

RECURRING TASK ACTIVITY

W/O NBR : R2088495 04
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1. PURPOSE		
	A. THE PURPOSE OF THIS ACTIVITY IS TO CLEAR PIPE BLOCKAGE IDENTIFIED BY THE CAMERA INSPECTIONS.		
	.		
	.		
	2. CLEARANCE REQUIREMENTS		
	A. NO CLEARANCE REQUIRED.		
	.		
	3. IMPACT TO OPERATIONS		
	A. NONE; REACTOR IN SHUT DOWN MODE.		
	.		
	4. PRECAUTIONS		
	A. CONDUCT A PRE-JOB BRIEF AND DISCUSS ERROR LIKELY SITUATIONS.		
	B. CONTACT RADPRO FOR ALARA BRIEF OR ANY OTHER RADIOLOGICAL CONCERNS.		
	C. BE SURE TO VERIFY WHAT THE PROPER PERSONEL PROTECTION EQUIPMENT (PPE) IS TO PERFORM THIS WORK ACTIVITY. PROTECT YOURSELF FROM WATER AND SAND AS IT EXITS THE PIPE.		
	D. USE CAUTION WHILE CLEARING DRAINS TO		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 04
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP

CAPTURE THE WATER AND DEBRIS.

.

5. SUPPORT INFORMATION

A. LOCATION:

1. TORUS ROOM

5 SAND BED DRAIN LINES IN BAYS 3, 7, 11,

15 AND 19

B. DRAWINGS

1. GU 3E-153-02-009 REACTOR BLDG. ARRGMT.

C. PROCEDURES:

1. MA-AA-716-008 FME

2. MA-AA-716-026 STATION HOUSEKEEPING

MATERIAL CONDITION PROGRAM.

D. ENGINEERING DOCUMENTS:

1. TDR NO. 964

2. IS-328227-004

.

6. JOB SCOPE

A. CLEAR PIPING BLOCKAGE BASED ON THE RESULTS

OF THE CAMERA INSPECTIONS IN ACT 03.

B. USE THE GUIDELINES IN TDR NO. 694 TO CLEAR

THE BLOCKAGE. COLLECT WATER AND DEBRIS AND

RECURRING TASK ACTIVITY

W/O NBR : R2088495 04
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 31OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	DISPOSE AT THE DIRECTION TO RAD PRO.		
SV	C. VERIFY TUBING IS ATTACHED AND ROUTED TO THE POLY BOTTLES.	DM10	25OCT06
SV	A2152843 IS A CHILD OF THIS AR. AFTER COMPLETION, TAKE THE CHILD AR TO HISTORY.	DM10	31OCT06

RECURRING TASK ACTIVITY

W/O NBR : R2088495 04
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 31OCT06
TYPE : ACT

==========SUMMARY COMMENTS:==========

CAUSE CODE: __ __ __ REPAIR CODE: __ __ __

ADDITIONAL PAGES ATTACHED ? ___ ETT REMOVED ? ___

==========MEASUREMENT AND TEST EQUIPMENT==========

ID NUMBER	DATE USED	DESCRIPTION	ADDITIONAL PAGES ATTACHED ? __

==========FINAL REVIEWS==========

MAINT _____ DATE : _____

QC _____ DATE : _____

OTHER _____ DATE : _____

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

RWP ACCESS CODE: OC10600431MAP#06-431 PAGE: 01

==========DESCRIPTION==========

W/O DESCRIPTION : LEAKAGE MONITORING TORUS, SANDBEDS & RX DRAIN
ACT DESCRIPTION : FORMER SAND BED INSTALL SPILL CONTAINMENTS
PERFORMING ORG : OMM RECURRING TASK NBR: PM18704M PRI: 5
COMPONENT ID : OC 1 187 F MISC 187
EQUIPMENT LOCATION: MULTI QQQ
CLR NUMBER : QA CLASS: Q EQ: Y
WO RESP ORG : OEPB FEG : OC 1 187 00
DATE/SHIFT : 19OCT06 X
FOREMAN : MARTIN, DAVE CHARGING WORK CENTER: 05322
SSV AUTH : JJK5 DATE : 18OCT06
ORG-INSP/HOLD :
ACT TYPE : X SUPPORT DATES: N/A N/A
PREPARED BY : PARKER, J. DATE : 12OCT06
HOLDS : MODE N PARTS N CHEM + RAD CLR PLAN SCH

==========SAFETY/PLANT IMPACT CONSIDERATIONS==========

BARRIER PERMIT RQD: CHEMICAL HAZARD : N CSP REQ : N
FIRE PROTECTION : N SECURITY : N FSI REQ : N
HAZARD BARRIER : /

==========CHEM AND RAD DATA==========

SYSTEM BREACH : N INSULATION REQUIRED: N
HWP REQ : N SCAFFOLDING REQD : N TECH SPEC: N
MULTIPLE WORK LOC : MAP NBR:
HP REQD : B HIGH RAD - HP BRIEFING REQUIRED

==========SCHEDULING DATA==========

PREMIS ID : 4 PC SCHED ID/WIN : 1R21 1R21
START DATE : 18OCT06 EST DUR (HRS) : 4 POST MAINT TEST:
CLEARANCE REQD : N DUE DATE : 16OCT05 TECH SPEC: N/A
DOSE ESTIMATE : 0000 mR

==========INITIAL REVIEWS==========

ASME/ISI REVIEW : PARKER, J. ASME XI R&R: DATE: 12OCT06
QC PLAN REVIEW : PARKER, J. NQCR - DATE: 18OCT06
APPROVED BY : PARKER, J. DATE:

PRINT NAME AND WRITE INITIALS OF ALL PERSONNEL WHO INITIALED THIS ACTIVITY

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

==========ACTIVITY PROCEDURE LIST==========

_____ _____ _____ _____

_____ _____ _____ _____

_____ _____ _____ _____

========== RAD PROTECTION REQUIREMENTS ==========

ALARMING DOSIMETER: Y

ED SETPOINT: 0040 MREM or 0200 MREM/HR ALARA PRE JOB REQUIRED: Y

HP COVERAGE: INTERMITTENT

RWP ACCESS CODE: OC10600431MAP#06-431

========== HP SPECIAL INSTRUCTIONS ==========

1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)
* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.
* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).
1R21-TOP OF TORUS-INSPECTION/REPAIR OF COATING IN THE SANDBED REGION
* MICRO ALARA PLAN #06-431-ALL PERSONNEL TO READ AND COMPLY WITH M.A.P.
* KNOWLEDGE OF RAD CONDITIONS REQ'D PRIOR TO ENTRY TO RCA W/OUT RPT ESCORT.
* A DOCUMENTED HRA RP BRIEF IS REQUIRED FOR ALL ENTRIES INTO AREAS POSTED AS "HIGH RADIATION AREA".(REF RP-AA-460)
* SURVEYS REQUIRED IN EACH NEW AREA ACCESSED.
* PC REQUIREMENTS PER RADIOLOGICAL POSTINGS OR PER RP.
* WORKERS SHALL WEAR DOSIMETRY SO THEIR EXPOSURE CAN BE MONITORED IN ANY RCA.
* FOLLOW ALL SAFETY REQUIREMENTS FOR THE TOP OF THE TORUS.
* COORDINATE AREAS OF ENTRY WITH THE DRYWELL RPS DAILY TO ENSURE THAT NO HIGH DOSE ITEMS ARE PLACED ON DRYWELL 13' ELEVATION IN THE AREA OF SAND BED REGION WORK OR INSPECTION.

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

========== HP SPECIAL INSTRUCTIONS ==========

* IF EXTENSIVE REPAIRS ARE NEEDED IN ANY AREA, CONTACT RAD ENGINEERING FOR EVALUATION OF THE POSSIBLE NEED FOR SHIELDING.(SHIELDING PACKAGE #92-34).
* RPT TO IDENTIFY LOW DOSE WAITING AREAS AND LOW DOSE PATHS OF TRAVEL.
* REPOSITIONING OF WHOLE BODY DOSIMETRY PER MAP,COORDINATE WITH RP.
* COORDINATE SET UP OF LAYDOWN AREA AND CONTAM CONTROL MEASURES WITH RP FOR DRAIN LINE CAMERA INSPECTION AND CLEARING OF ANY BLOCKAGE (CONTINGENCY).

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1. PURPOSE		
	A. THE PURPOSE OF THIS ACTIVITY IS TO INSTALL SPILL CONTAINMENTS AROUND THE DRAIN BOTTLES FOR THE FORMER SAND BED REGION OF THE DRY WELL.		
	2. CLEARANCE REQUIREMENTS		
	A. NO CLEARANCE REQUIRED		
	3. IMPACT TO OPERATIONS		
	A. NONE, INSPECTION ONLY		
	4. PRECAUTIONS		
	A. CONDUCT A PRE-JOB BRIEF AND DISCUSS ERROR LIKELY SITUATIONS.		
	B. CONTACT RADPRO FOR ALARA BRIEF OR ANY OTHER RADIOLOGICAL CONCERNS.		
	C. APPLY PRE-MADE LABELS TO THE SPILL CONTAINERS.		
	5. SUPPORT INFORMATION		
	A. LOCATION:		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

========== ACTIVITY FOLLOWER DESCRIPTION ==========

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
	1. 5 POLY BOTTLES IN TORUS ROOM		
	A. TORUS BAY 3		
	B. TORUS BAY 7		
	C. TORUS BAY 11		
	D. TORUS BAY 15		
	E. TORUS BAY 19		
	B. DRAWINGS		
	1. GU 3E-153-02-009 REACTOR BLDG. ARRGMT.		
	C. PROCEDURES:		
	1. MA-AA-716-026 STATION HOUSEKEEPING		
	.		
	6. JOB SCOPE		
	A. INSTALL A SPILL CONTAINMENT AROUND THE 5		
	POLY BOTTLES IN THE TORUS ROOM.		
WV	1. REMOVE THE DOLLY FROM THE CONTAINER.	DM10	19OCT06
	2. PLACE THE POLY BOTTLE INSIDE THE SPILL		
	CONTAINER LABELED WITH THE APPROPRIATE		
	BAY.		
WV	3. VERIFY THAT THE TUBING IS ROUTED TO THE	DM10	19OCT06
	POLY BOTTLE.		
	.		
	7. CLOSE OUT:		

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

ACTIVITY FOLLOWER DESCRIPTION

STEP NBR	DESCRIPTION	INITIAL/DATE COMPLT	INSP
WV	A. ALL WASTE, COMBUSTIBLE MATERIAL AND CHEMICALS HAVE BEEN REMOVED FROM THE WORK SITE AT THE COMPLETION OF THE JOB.	DM10 19OCT06	
SV	B. SUPERVISOR TO VERIFY THAT WORK SITE CLEANLINESS IS ACCEPTABLE.	DM10 19OCT06	

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

==========SUMMARY COMMENTS:==========

CAUSE CODE: __ __ __ REPAIR CODE: __ __ __

ADDITIONAL PAGES ATTACHED ? ___ ETT REMOVED ? ___

==========MEASUREMENT AND TEST EQUIPMENT==========

ID NUMBER	DATE USED	DESCRIPTION	ADDITIONAL PAGES ATTACHED ? __

==========FINAL REVIEWS==========

MAINT _____ DATE : _____

QC _____ DATE : _____

OTHER _____ DATE : _____

RECURRING TASK ACTIVITY

W/O NBR : R2088495 05
A/R NBR : A2145130
W/O STATUS : ASIGND 24OCT06
ACT STATUS : COMPLT 19OCT06
TYPE : ACT

MEASUREMENT AND TEST EQUIPMENT

ACTIVITY	ID NUMBER	DATE USED	DESCRIPTION

WORK ORDER COMPONENT LIST

WORK ORDER
NUMBER : R2088495 TYPE: ACT
STATUS : ASIGND 24OCT06

PAGE: 01

==========WORK ORDER COMPONENTS==========

COMPONENT ID : OC 1 187 F MISC 187
CHEM/RAD MAP :
LOCATION : MULTI QQQ
SAFETY : Q EQ : Y

Go Back

Print | New Search | Home

AR 00466683 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	04/14/2006
Aff System:	854			**Event Date:**	03/14/2006
CR Level/Class:	4/D			**Disc Date:**	03/14/2006
How Discovered:	H02			**Orig Date:**	03/15/2006
WR/PIMS AR:		**Component #:**	T-23-3		

Action Request Details

Subject: SIGNS OF CORROSION PRESENT ON TANK T-23-3

Description:

Originator: DAVE OLSZEWSKI Supv Contacted: Rick Skelskey

Condition Description:
During License Renewal Aging Management Program Walkdowns for the new Aboveground Tank Program there was some corrosion present on the stands of the Nitrogen and Fill Storage Tank (T-23-3). The patch of corrosion should be cleaned and recoated.

Immediate actions taken:
Notified System Mangaer, Bob Barbieri; Engineering Programs Manager, Rick Skelskey; and drafted this IR.

Recommended Actions:
The area in question needs to be cleaned and recoated for maximum protection of the tank.

What activities, processes, or procedures were involved?
License Renewal Aging Management Programs Walksdowns for the Aboveground Tank Program.

List of knowledgeable individuals:
Bob Barbieri and Rick Skelskey

Operable Basis:
TEH: The nitrogen tank can perform all intended functions and is operable.

Reportable Basis:
This is not reportable.

Reviewed by: THOMAS E HEDIGAN 03/15/2006 16:03:05 CST
Reviewer Comments:
None

SOC Reviewed by: THOMAS MCLEAN 03/16/2006 12:38:03 CST
SOC Comments:
03/15/2006 Close to PIMS AR
.
3/16/06 TAP - follow up engineering to add additional comments from subsequent walkdown.
.

3/16/06 TMcL - After further inspection of the Nitrogen and Fill Storage Tank (T-23-3) there were more indications of corrosion on all of the supports of the tank, on the bottom of the tank, and around the piping. All of these areas do need to be evaluated and addressed, as appropriately. Grout deterioration was identified on the cocrete support. WGE to Engineering Propgrams to inspect the tank with a structucral engineer and evaluate work required.

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	03/20/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	SIGNS OF CORROSION PRESENT ON TANK T-23-3				

AR 00548227 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	11/23/2006
Aff System:	187			**Event Date:**	10/24/2006
CR Level/Class:	4/			**Disc Date:**	10/24/2006
How Discovered:	H02			**Orig Date:**	10/24/2006
WR/PIMS AR:		**Component #:**	187		

Action Request Details

Subject: PITS IN TORUS BAYS 5, 15, AND 18

Description: Originator: PETER TAMBURRO Supv Contacted: Howie Ray

Condition Description:
Inspection of the Torus per specification SP-1302-32-120 Revision 3 has found 4 pits which are greater than 40 mils deep. Per the requirements SP-1302-32-120 Revision 3 these pits shall be evaluated by Engineering. Data for each pit is as follows

.
Pit 18-P2-01 Data - Bay 18
Metal Loss -- 0.041 inches
Pit Diameter -- 0.25 inches

.
Pit 15-P2-01 Data - Bay 15
Metal Loss -- 0.044 inches
Pit Diameter -- 0.25 inches

.
Pit 05-P1-01 Data - Bay 05
Metal Loss -- 0.041 inches
Pit Diameter -- 0.038 inches

.
Pit 05-P5-01 Data - Bay 05
Metal Loss -- 0.076 inches
Pit Diameter -- 0.025 inches

Operability
Preliminary Evaluation of these four pits indicates that they are well within design basis acceptance criteria.

Immediate actions taken:
Informed Howie Ray and THe Engineering Control Center

Recommended Actions:
Perform a Technical Evaluation to disposistion these pits

Operable Basis:
REB Pits appear to be minor and this will be confirmed by the engineering evaluation. Primary containment is not currently required to be operable.

Reportable Basis:

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	10/29/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	PITS IN TORUS BAYS 5, 15, AND 18				

TIM O'HARA'S COPY

AR 00550022 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	01	**Owed To:**	ACAPALL	**Due Date:**	11/26/2006
Aff System:	187			**Event Date:**	10/26/2006
CR Level/Class:	4/D			**Disc Date:**	10/26/2006
How Discovered:	H02			**Orig Date:**	10/27/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: PORTION OF THE DRYWELL CURB REMOVED MAY AFFECT PRA

Description: Originator: THOMAS E QUINTENZ Supv Contacted: Fred Polaski

Condition Description:
In 1986, two trenches were excavated in the drywell on the perimeter of the floor to gain access to the drywell vessel in the sand bed area on the interior of the drywell. The purpose of the excavation was to perform UT measurements of the drywell vessel in the lower portions of the vessel adjacent to the sand bed area from the interior of the drywell. As a part of that excavation the concrete curb was also removed. After the measurements were taken the floor and curb were not returned to original configuration, but a moisture barrier was installed in the floor excavation.

As part of the ongoing assessment of the condition of water in the trench in the drywell and the ongoing NRC Inspection, a question was asked concerning the effect of the lack of the curb on our Severe Accident Mitigation Alternatives (SAMA) Analysis done for the License Renewal Application. The SAMA relies on the Level 2 PRA to provide the inputs to the analysis. The Level 2 PRA did consider the original configuration at Oyster Creek with the floor and curb as compared to other Mark 1 containments, which do not have the curb structure as part of the floor structure.

Corporate Risk Assessment has provided their initial assessment of the condition and provided the following: Although the Level 2 PRA took some credit for the curb probabilistically, it is not significant enough to markedly change LERF or the conclusions of the SAMA analysis. The failure probabilities for the OC liner due to core material impingement are not significantly different than those for other Mark I containments where the concrete curb does not exist.

In addition, the Manager of License Renewal was contacted to provide his assessment on the condition. He indicated the Risk Assessment review would conclude this would not result in a change to the LRA.

The Site Risk Assessment person was notified of this condition as well to assure his awareness of this condition. The site Risk Assessment person requested that one of the recommendations communicated from the PRA contractor be added to the recommendations for this IR. This recommendation is to provide a delta LERF value for his review. In addition, he recommended this condition be reviewed against our Severe Accident Management strategy for the site.

Immediate actions taken:
Requested Corporate Risk Assessment review the question, and to provide an initial assessment of the condition. Communicated the results with the License Renewal Manager for an assessment of the results provided by Risk Assessment. Made the Site Risk Assessment person aware of the condition and solicited suggested actions.

Recommended Actions:
Issue an action to Corporate Risk Assessment to document this deficiency in a URE (Updating Requirement Evaluation) and review this condition for potential changes in the PRA. To Greg Krueger(NCS A8009ENRSK)

Issue an action to Corporate Risk Assessment to provide the delta LERF as a result of this finding to the Site Risk Assessment person. To Greg Krueger(NCS A8009ENRSK)

Issue an action to the License Renewal Project to document the conclusions relative to impact on the LRA to Fred Polaski (A8069ENPRJ)

Issue an action to the Site Risk Assessment person to review the condition with Corporate Risk Assessment, and against the Severe Accident Management strategy for the site.

Issue an action to Mechanical/Structural Design Engineering to assure all affected documents as a result of this configuration change in the Drywell Structure are appropriately revised, or have document change paperwork posted against the documents affected.

What activities, processes, or procedures were involved?
PRA analysis and SAMA Analysis in support of License Renewal

Why did the condition happen?
Not known at this time

What are the consequences?
May affect the content of the Level 2 PRA, minimal affect to the SAMA

Were any procedural requirements impacted?
Not known

Were there any adverse physical conditions?
None identified

List of knowledgeable individuals:
Fred Polaski, Greg Krueger, Mike Godknecht verbally and by e-mail. Others by e-mail

Repeat or similar condition?
Not known at this time.

Operable Basis:
N/A

Reportable Basis:
N/A

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	11/01/2006

Assign Type:	TRKG	**Sec Grp:**	**Orig Due Date:** µµ/µµ/µµµµ
Priority:			
Schedule Ref:			
Unit Condition:			
Subject/Description:	PORTION OF THE DRYWELL CURB REMOVED MAY AFFECT PRA		

TIM O'HARA's COPY

AR 00550181 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	02/08/2007
Aff System:	--			**Event Date:**	10/27/2006
CR Level/Class:	4/D			**Disc Date:**	10/27/2006
How Discovered:	H03C			**Orig Date:**	10/27/2006
WR/PIMS AR:		**Component #:**			

Action Request Details

Subject: NO INSPECTION CRITERIA IN GROUT PROCEDURE.

Description: Originator: THOMAS J BURKE III Supv Contacted: Phil Scallon

Condition Description:
Procedure 2400-SMM-3150.16, rev. 08 (Mixing and Placement of Grout) does not direct the craft or QV to perform a final visual inspection of the finished grout installation, nor is there any acceptance criteria noted. Final grout inspection should occur after the grout is fully cured. Typical inspection criteria should include the following:
Verify the final grout placement is free of visual defects, such as excessive cracking, shrinkage, voids or flaking.

Also note: Section 6.4.3.b requests the installer to record "if cubes for testing are required" and references section 5.1. Section 5.1 has no mention of how or when to take test cubes. There is also a request in step 6.4.3.f for the installer to record the cube set number. It appears there is no direction in this procedure to have the grout sampled by lot for compression testing.

Immediate actions taken:
Generated I.R.

Recommended Actions:
Revise procedure as noted in condition description above.

What activities, processes, or procedures were involved?
Procedure 2400-SMM-3150.16, rev. 08 (Mixing and Placement of Grout)

List of knowledgeable individuals:
Tom Burke -NOS/QV
Phil Scallon -NOS Lead Assessor

Operable Basis:
N/A

Reportable Basis:
N/A

TJO

SOC Reviewed by: 10/28/2006 05:23:58 CDT
SOC Comments:
10/28/06 tas created PCRA to make recomended revisions. Close to action created.

Assignments

Assign #:	01	**Assigned To:**		**Status:**	AWAIT/C
Aff Fac:	Oyster Creek	**Prim Grp:**	ACAPALL	**Due Date:**	11/01/2006
Assign Type:	TRKG	**Sec Grp:**		**Orig Due Date:**	µµ/µµ/µµµµ
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	NO INSPECTION CRITERIA IN GROUT PROCEDURE.				

Assign #:	02	**Assigned To:**		**Status:**	NTFY/PRI
Aff Fac:	Oyster Creek	**Prim Grp:**	A5322MM	**Due Date:**	02/08/2007
Assign Type:	PCRA	**Sec Grp:**		**Orig Due Date:**	
Priority:					
Schedule Ref:					
Unit Condition:					
Subject/Description:	Revise Procedure 2400-SMM-3150.16, rev. 08 (Mixing and Pl acement of Grout) as recommended in IR.				

AR 00548459 Report

Aff Fac:	Oyster Creek	**AR Type:**	CR	**Status:**	APPROVED
Aff Unit:	NA	**Owed To:**	ACAPALL	**Due Date:**	11/23/2006
Aff System:	187			**Event Date:**	10/24/2006
CR Level/Class:	4/D			**Disc Date:**	10/24/2006
How Discovered:	H02			**Orig Date:**	10/24/2006
WR/PIMS AR:		**Component #:**	187		

Action Request Details

Subject: LOCAL UT READING BELOW ACCEPTANCE CRITERIA

Description: Originator: PETER TAMBURRO Supv Contacted: Howie Ray

Condition Description:
During Review of Internal Drywell Vessel UT data for Elevation 23 in Bay 17 several local readings were less than the acceptance criteria in IS 328227-004 Revision 13 section 3.2.7.4 which stated that all local reading less than 0.655 shall be entered into the Corrective action and evaluation by Engineering..

The intent of the criteria is to provide a low threshold for all inspection results so that any unexpected readings in 2006 will be quickly identified and dispositioned.

This is the first time these locations have been inspected.

The inspection data indicates the two separate local readings in Bay 15 as 0.652 and 0.628.

In addition a third local reading of 0.655 was recorded at a different location in bay 17. This local value meets the criteria in IS 328227-004 Revision 13 section 3.2.7.4.

Operability
The Oyster Creek Drywell is operable based on Calculation C-1302-187 E310-037.

The intent of the criteria in specification IS 328227-004 Revision 13 is to provide a low threshold for all inspection results so that any unexpected readings will be evaluated.

The UT inspections in bay 15 show two local reading of 0.628and .652. In addition the inspection shows that the average thickness in the 6 by 6 area around these locations is 0.758.

The minimum local code required thickness for the Drywell at this elevation is 0.36 and the minimum average code required thickness is 0.541 (ECR 05-00275).

Therefore these as-found readings meet design basis. In addition these areas will not corrode to below the minimum required thickness prior to 2029. The Oyster Creek Drywell Corrosions Monitoring Program has

demonstrated that the Drywell Vessel above the sandbed may be thinning at corrosion rates of less than 1 mil per year. Therefore even when assuming a 1 mil per year corrosion rate the local reading which was measured at 0.628 will corrode to only 0.605 by 2029 which leaves substantial margin.

Recommendation
ACIT to include these UT result in the Oyster Creek Drywell Corrosions Monitoring Program Final Report for 1R21.

Immediate actions taken:
Informed Howie ray and Tom Quintenz

Recommended Actions:
ACIT to include these UT result in the Oyster Creek Drywell Corrosions Monitoring Program Final Report for 1R21.

Operable Basis:
REB Per engineering: The Oyster Creek Drywell is operable based on Calculation C-1302-187
E310-037.

Reportable Basis:
N/A