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Approved By T. Tynan	Vogtle Electric Generating Plant	Guideline Number 00100-C	Rev 31
Date Approved 06/29/2006	QUALITY ASSURANCE RECORDS ADMINISTRATION	Page Number 25 of 33	

RECORDS SUBMITTAL FORM

Submittal No. VEGP-ENV-01

TO: DOCUMENT CONTROL

The documents described below are being submitted to you for storage.

Document Number	Retention	Document Description
R Type - GG3.100	LP+99	1 10CFR50.75(g) Leak/Spill Decommissioning Record Waste Water Retention Basin Area 1980s and 1990s
R Type - GG3.100	LP+99	2 10CFR50.75(g) Leak/Spill Decommissioning Record West Side of U-2 RWST Moat Early 1990s
R Type - GG3.100	LP+99	3 10CFR50.75(g) Leak/Spill Decommissioning Record Yard Drain at RSB 1992
R Type - GG3.100	LP+99	4 10CFR50.75(g) Leak/Spill Decommissioning Record Behind the Alternate Radwaste Building 1994-1995
R Type - GG3.100	LP+99	5 10CFR50.75(g) Leak/Spill Decommissioning Record Southwest Corner U-1 RWST Moat July, 2007

Remarks: The R Type and retention time were established by Corporate Document Services.

Dwight A. Hostetter
Submitted By:

Environmental Affairs
Department

8-10-2007
Date


Document Control Acknowledgement of Receipt

Date

Figure 2 (Example)

c/6

1

Southern Nuclear Operating Company			
	Nuclear Management Procedure	Actions for Potential Groundwater Contamination Events	NMP-EN-002
			Version 1.0 Page 9 of 9

10 CFR 50.75(g) Leak/Spill Decommissioning Record (R-type GG3.100)


PART 1 – Location/Source				
Event Date	Plant Name:	Individual Contact Name:	Check one: Leak?	Spill?
1980s and 1990s	Vogtle	(b)(6)	NA	Yes
Volume (gallons):	Location of spill/leak		Source of spill/leak	
Unknown	Waste Water Retention Basin Area		Oily waste separator	
Duration of leak/spill: NA				
Gamma Activity (uCi/cc)	Tritium Activity (pCi/L)		Total Area Impacted (ft ²)	
Unknown	Unknown		Unknown	

PART 2 – Event Description	
Outside of Protected Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If unknown, what actions needed to determine?	
Description of event/issue	
Permitted radioactive releases via the Waste Water Retention Basin, a normal plant discharge point, have resulted in trace contamination of sludge on the basin floor. In 2005, the first of the two basins was cleaned of all sludge and the concrete bottom was cleaned. The second of the two basins is scheduled for cleaning in 2007. Past spills which have occurred around the basins have been cleaned to environmental release criteria.	
Actions Taken to Stop Spill or Leak	
Unknown	
Actions Taken to Clean-up Spill or Leak and Long Term Monitoring	
Contaminated soil and basin sludge removed and sent to radwaste.	

PART 3 – Communications	
Condition Report Number:	N/A
State Agency Notification: (Describe what agency, when and who)	N/A
NRC Notification (when and who)	Unknown

Figure 1

2

Southern Nuclear Operating Company			
	Nuclear Management Procedure	Actions for Potential Groundwater Contamination Events	NMP-EN-002
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10 CFR 50.75(g) Leak/Spill Decommissioning Record (R-type GG3.100)


PART 1 – Location/Source				
Event Date	Plant Name:	Individual Contact Name:	Check one: Leak?	Spill?
Early 1990s	Vogtle	(b)(6)	Yes	NA
Volume (gallons):	Location of spill/leak		Source of spill/leak	
Unknown	West Side of U-2 RWST Moat		U-2 RWST moat	
Duration of leak/spill: Unknown				
Gamma Activity (uCi/cc)	Tritium Activity (pCi/L)		Total Area Impacted (ft2)	
Unknown	Unknown		Unknown	

PART 2 – Event Description	
Outside of Protected Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If unknown, what actions needed to determine?	
Description of event/issue	
The moat surrounding the Unit 2 RWST developed a leak resulting in contamination of soil on the west side of the moat.	
Actions Taken to Stop Spill or Leak	
The moat was repaired and sealed to prevent future leaks.	
Actions Taken to Clean-up Spill or Leak and Long Term Monitoring	
Soil was removed and sent to radwaste. The area was returned to the environmental release criteria.	

PART 3 – Communications	
Condition Report Number:	NA
State Agency Notification: (Describe what agency, when and who)	NA
NRC Notification (when and who)	Unknown

Figure 1

Southern Nuclear Operating Company

 Southern Nuclear Company <small>Energy to Serve Your World</small>	Nuclear Management Procedure	Actions for Potential Groundwater Contamination Events	NMP-EN-002 Version 1.0 Page 9 of 9
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10 CFR 50.75(g) Leak/Spill Decommissioning Record

(R-type GG3.100)

PART 1 - Location/Source				
Event Date	Plant Name:	Individual Contact Name:	Check one: Leak?	Spill?
1/23/1992	Vogtle	(b)(6)	NA	Yes
Volume (gallons):	Location of spill/leak		Source of spill/leak	
-1 gal.	Yard Drain at RSB		Liquid from N2 gas cylinder	
Duration of leak/spill: NA				
Gamma Activity (uCi/cc)	Tritium Activity (pCi/L)		Total Area Impacted (ft ²)	
Unknown	Unknown		Yard drain	

PART 2 - Event Description	
Outside of Protected Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If unknown, what actions needed to determine?	
Description of event/issue	
Contaminated liquid was inadvertently spilled in a yard drain at RSB during handling of radioactive equipment. Personnel immediately isolated the yard drain preventing offsite release and the drain was cleaned of radioactive material (CR# 1992023924 attached).	
Actions Taken to Stop Spill or Leak	
Gas bottle was picked up and the yard drain was isolated.	
Actions Taken to Clean-up Spill or Leak and Long Term Monitoring	
Contaminated material cleaned up.	

PART 3 - Communications	
Condition Report Number:	1992023924
State Agency Notification: (Describe what agency, when and who)	NA
NRC Notification (when and who)	Unknown

Figure 1

CR QA Record			
Condition Report: 1992023924	Status: Ready to Transmt	Entry Date: 01/23/1992	Unit: VC
<div style="display: flex; justify-content: space-between;"> <div> Discovered: 01/23/1992 12:00:00AM By: DC Phone: DC9999 Dept: Vogtle Old RCN - Unpostables Sect: </div> <div> Building: Undefined Location (Other) Elev: Room: Location: </div> <div> Event: Date: 01/23/1992 Time: 12:00:00AM </div> </div>			
Description of Condition: DC 1920022 CONTAMINATED SPILL 1 GAL. YARD DRAIN AT R5B DESCRIPTION: SPILL OF CONTAMINATED WATER (APPROX. 1 GAL) INTO YARD DRAIN AT R5B. SPILL OCCURRED WITHIN THE RCABOUNDARY. WATER IS FROM A NITROGEN BOTTLE THAT WAS TO BE DISPOSED OF. BOTTLE HAD BEEN LAID ON ITS SIDE TO ALLOW PROPER GRIP ON BOTTLE FOR VALVE TO BE REMOVED. THE SPILL OCCURRED WHEN THE VALVE WAS REMOVED. EXPLANATION: THIS EVENT RESULTED IN A "UNPLANNED RELEASE" WHICH DID NOT RESULT IN A TECHNICAL SPECIFICATION LIMIT NOR 10CFR20 LIMIT BEING EXCEEDED. (b)(6) 1-24-92 THEREFORE, THIS EVENT DID NOT RESULT IN A NPDES NONCOMPLIANCE, ALSO.			
What is affected: CONTAMINATED SPILL			
How Discovered: See problem description. Initiated by: ***** Originator: *****			
CR Type		Status	
Dispatch			
Work Event:	WalkThrough: No	Hold: No	OPS Review Req: No
Dispatch Comment: See problem description block. Assigned to: (b)(6) Preparer: Disposition Approved By: (b)(6) Linked to: DC 119920022 Linked to: CI 24221 Linked to: OI 24222			
Dispatch Reviewer: DC		User ID:	
Date: 1/23/1992 12:00:00AM			
Equipment			
Equipment: <div style="display: flex; justify-content: space-between;"> <div> Safety Class: Nuc. Class: Category: Operability </div> <div> Active: Tag: </div> <div> Type: Team: Event: </div> <div> Location: </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> Status: TSLCO#: Comment: </div> <div> Tracking#: Type: </div> </div>			
Initial Review			
Power 100	Mode:	RC Temp:	RC Pressure:
Event Related Evolutions In Progress: SEE DC CARDS Reviewed by: *****			
Imm.	No	Hours	Date:
		Time:	NRC Rpt.

CR QA Record

Condition Report: 1992023924

Status: Ready to Transmit

Entry Date: 01/23/1992

Unit: VC

Compensatory Actions Taken:

SEE DC CARDS

Regulatory

Received Date: 1/31/92 **Severity Lev:** 4 **Reportable?** ☐ **Impact to Plant:**

Short Explanation: N/A

Explanation: No info from legacy.
Reg. Review by: (b)(6)
Review Approved by: (b)(6)
Closed by:
Revised 1/31/1992 Status: By (b)(6)
CHANGED - Due Date, Resp Dept, Resp Sect, Resp
Revised 2/5/1992 Status: By (b)(6)
CHANGED -
Revised 2/24/1992 Status: By (b)(6)
CHANGED - Related
Revised 3/10/1992 Status: By (b)(6)
CHANGED - Due Date, Remarks, Related, Statu
Revised 3/11/1992 Status: By (b)(6)
CHANGED - Remarks, Related, Resolution
Revised 3/11/1992 Status: By (b)(6)
CHANGED - Remarks, Related
Revised 3/11/1992 Status: By (b)(6)
CHANGED - Remarks, Related
Revised 3/13/1992 Status: By (b)(6)
CHANGED - Close Date, Remarks, Related, Stat
Revised 3/13/1992 Status: By (b)(6)
CHANGED - Related, Comment

Required Analysis

BCD ☐ ACD ☐ RCCA ☐ RCCA Resp. Dept:

Due Date: 2/22/92

Disposition Resp. Dept: Vogtle - Chemistry

Reviewed By: DC

1/31/92 12:00 am

Approved By: DC

1/31/92 12:00 am

Closed By: DC

3/11/92 12:00 am

TITLE	TO	PER	DATE	TYPE	NUM

PRB/PORC review? ☐

Meeting Num:

Date:

PRB/PORC Comments

5

Trending

Major category:

Safety func. affected:

Cause Dept:

Event Description: _____

Event Code Group1: Operational Related Events/Clearance Related/NOT USED

Event Code Group2:

Event Code Group3:

Event Code Group4:

CR QA Record

Condition Report: 1992023924

Status: Ready to Transmit

Entry Date: 01/23/1992

Unit: VC

Disposition

Department: Vogtle - Chemistry

Status:

Section:

Final Review Required

Person: Data Conversion

Prepared By:

Date:

Approved By: DC

Date: 3/11/92

Last Action

Disposition:

See problem description block.

Assigned to: (b)(6)

Preparer:

Disposition Approved By: (b)(6)

Linked to: DC 119920022

Linked to: OI 24221

Linked to: OI 24222

Performance

Maint. rule scope? UNK

Function Failure? N/A

Is this an MPFF? N/A

Justification By: DC

2/22/92

MR assigned to:

Justification:

See problem description.

MR Review By:

RCCA

Status:

Event desc. or failure scenario:

Investigation scope/breadth review

Is this a repeat event? N/A

Was Previous RCCA adequate? N/A

Repeat event review:


☐ Other train/channel/unit checked☐ Other similar process checked☐ Other similar component☐ Pencil and Paper narrative☐ Cause identification☐ Apparent cause determination☐ Barrier analysis☐ Fault tree analysis☐ Change analysis☐ Kepner-Tregoe☐ Event and causal factor flow char.

Other:

Description of causes:

CR QA Record							
Condition Report: 1992023924		Status: Ready to Transmit		Entry Date: 01/23/1992		Unit: VC	
Cause Dept 1: Cause Dept 2: Cause Dept 3: Group1: Group2: Group3: Group4:							
Item	Description	DueDate	Responsible Dept.				
Section	Concurrence?	Respon. Person	ConcurApp	Date	AI		
<input type="checkbox"/>	Sequence of event(s) documents attached						
<input type="checkbox"/>	Personnel statement(s) documents attached.						
<input type="checkbox"/>	Event(s) review documents attached.						
RCCA prepared by: RCCA approved by: RCCA final approver:							
Comment							
Related Documents							
Documents: (DCMT)							
Class	Title	Entity	DocumentumID	Ver.	Ver Type	Doc. Num.	
MP5 Documents:							
Class	Type	Title	MP5 Doc. ID.			Entity	
Web Documents:							
Class	Type	Title	URL				
Custom Fields							
Property	Value						

4

Southern Nuclear Operating Company			
	Nuclear Management Procedure	Actions for Potential Groundwater Contamination Events	NMP-EN-002
			Version 1.0 Page 9 of 9

10 CFR 50.75(g) Leak/Spill Decommissioning Record (R-type GG3.100)

PART 1 – Location/Source				
Event Date	Plant Name:	Individual Contact Name:	Check one: Leak?	Spill?
1994 -1995, 2006	Vogtle	(b)(6)	NA	Yes
Volume (gallons):	Location of spill/leak		Source of spill/leak	
Unknown	Behind the Alternate Radwaste Building		Temporary NaOH tank	
Duration of leak/spill: NA				
Gamma Activity (uCi/cc)	Tritium Activity (pCi/L)		Total Area Impacted (ft2)	
Unknown	Unknown		Unknown	

PART 2 – Event Description	
Outside of Protected Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If unknown, what actions needed to determine?	
Description of event/issue	
An outside Temporary Storage Tank containing radioactive material from processing of the Spray Additive Tank leaked behind the Alternate Radwaste Building. Storm drains were dammed preventing offsite release on the material and then cleaned. Contaminated concrete was removed from the area. Trace contamination of soil is planned to be remediated during decommissioning. Trace contamination of in yard drain samples was detected during routine yard drain sampling in 2006 and determined to be from the earlier event. The yard drain contents have been cleaned to environmental release criteria. (CR# 1994029011, 2005111121 attached).	
Actions Taken to Stop Spill or Leak	
See description of event above	
Actions Taken to Clean-up Spill or Leak and Long Term Monitoring	
See description of event above	

PART 3 – Communications	
Condition Report Number:	1994029011, 2005111121
State Agency Notification: (Describe what agency, when and who)	NA
NRC Notification (when and who)	Resident Site Inspector

Figure 1

CR QA Record			
Condition Report: 1994029011	Status: Ready to Transmit	Entry Date: 11/06/1994	Unit: VC
Discovered: 11/06/1994 12:00:00AM By: DC Phone: DC9999 Dept: Vogtle Old RCN - Unpostables Sect:		Building: Undefined Location (Other) Elev: Room: Location:	
Event: Date: 11/06/1994 Time: 12:00:00AM			
Description of Condition: DC 1940298 CONTAMINATED WATER OUTSIDE RCA THE R/W UNIT, HP AND R/W NOTICED WATER INSIDE AND OUTSIDE OF POSTED AREA. HP FOREMAN (b)(6) AND R/W OPERATOR (b)(6) SPOKE WITH VECTRO CONTRACTOR (b)(6) AND FOUND OUT THAT A VALVE WAS LEFT OPEN RESULTING IN WATER (CONTAMINATED) EXITING POSTED RCA AREA.			
What is affected: CONTAMINATED WATER OUTSIDE RCA			
How Discovered: See problem description. Initiated by: ***** Originator: *****			
CR Type		Status	
Dispatch			
Work Event:		WalkThrough: No	Hold: No
OPS Review Req: No			
Dispatch Comment: See problem description block. Assigned to: (b)(6) Preparer: (b)(6) Disposition Approved By: (b)(6) Linked to: DC 119940298 Linked to: OI 29163 Linked to: OI 29164 Linked to: OI 29185			
Dispatch Reviewer: DC		UserID:	
Date: 11/6/1994 12:00:00AM			
Equipment			
Equipment: Safety Class: Active: Type: Location: Nuc. Class: Tag: Team: Category: Event: Operability _____ Status: Tracking#: TSLCO#: Type: Comment:			
Initial Review			
Power 100		Mode:	
		RC Temp:	
		RC Pressure:	
Event Related Evolutions In Progress: SEE DC CARDS Reviewed by: *****			
Imm. No	Hours	Date:	Time:
NRC Rpt.			
Compensatory Actions Taken: SEE DC CARDS			

CR QA Record			
Condition Report: 1994029011	Status: Ready to Transmit	Entry Date: 11/06/1994	Unit: VC
Regulatory			
Received Date: 11/10/94 Severity Lev: 4 Reportable? <input type="checkbox"/> Impact to Plant:			
Short Explanation: N/A			
Explanation: No info from legacy Reg. Review by: (b)(6) Review Approved by: (b)(6) Closed by: (b)(6) Revised 11/10/1994 Status: By (b)(6) CHANGED - Due Date, Resp Dept, Resp Sect, Resp Revised 11/16/1994 Status: By (b)(6) CHANGED - Revised 12/8/1994 Status: By (b)(6) CHANGED - Due Date, Remarks, Resolution, Sta Revised 12/12/1994 Status: By (b)(6) CHANGED - Close Date, Remarks, Resolution, St Revised 12/12/1994 Status: By (b)(6) CHANGED - Related, Comment			
Required Analysis BCD <input type="checkbox"/> ACD <input type="checkbox"/> RCCA <input type="checkbox"/> RCCA Resp. Dept:			
Due Date: 12/6/94 Disposition Resp. Dept: Vogtle - Chemistry			
Reviewed By: DC 11/10/94 12:00 am			
Approved By: DC 11/10/94 12:00 am Closed By: DC 12/12/94 12:00 am			
TITLE	TO	PER	DATE TYPE NUM
PRB/PORC review? <input type="checkbox"/> Meeting Num: Date:			
PRB/PORC Comments 5			
Trending			
Major category: Safety func. affected: Cause Dept: Event Description: _____ Event Code Group1: Event Code Group2: Event Code Group3: Event Code Group4:			
Disposition			
Department: Vogtle - Chemistry		Status:	
Section:		Final Review Required	
Person: Data Conversion			
Prepared By:		Date:	
Approved By: DC		Date: 12/12/94 Last Action	
Disposition: See problem description block. Assigned to: (b)(6) Preparer: Disposition Approved By: (b)(6) Linked to: DC 119940298 Linked to: OI 29163 Linked to: OI 29164 Linked to: OI 29165			

CR QA Record

Condition Report: 1994029011

Status: Ready to Transmit

Entry Date: 11/06/1994

Unit: VC

Performance

Maint. rule scope? UNK

Function Failure? N/A

Is this an MPFF? N/A

Justification By: DC

12/6/94

MR assigned to:

Justification:

See problem description.

MR Review By:

RCCA**Status:**

Event desc. or failure scenario:

Investigation scope/broadness review

Is this a repeat event? N/A

Was Previous RCCA adequate? N/A

Repeat event review:

- | | | |
|---|--|---|
| <input type="checkbox"/> Other train/channel/unit checked | <input type="checkbox"/> Other similar process checked | <input type="checkbox"/> Other similar component |
| <input type="checkbox"/> Pencil and Paper narrative | <input type="checkbox"/> Cause identification | <input type="checkbox"/> Apparent cause determination |
| <input type="checkbox"/> Barrier analysis | <input type="checkbox"/> Fault tree analysis | |
| <input type="checkbox"/> Change analysis | <input type="checkbox"/> Kepner-Tregoe | |
| <input type="checkbox"/> Event and causal factor flow char. | Other: | |

Description of causes:

Cause Dept 1:

Cause Dept 2:

Cause Dept 3:

Group1:

Group2:

Group3:

Group4:

Item	Description		DueDate		Responsible Dept.	
	Section	Concurrence?	Respon.Person	ConcurApp	Date	AI

CR QA Record																	
Condition Report: 1994029011	Status: Ready to Transmit	Entry Date: 11/06/1994	Unit: VC														
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div> Sequence of event(s) documents attached Personnel statement(s) documents attached. Event(s) review documents attached. </div> </div> <p>RCCA prepared by:</p> <p>RCCA approved by:</p> <p>RCCA final approver:</p>																	
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>																	
Comment																	
<div style="border: 1px solid black; height: 20px; width: 100%;"></div>																	
Related Documents																	
<div style="border: 1px solid black; padding: 5px;"> <p>Documents: (DCMT)</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Title</th> <th style="text-align: left;">Entity</th> <th style="text-align: left;">DocumentumID</th> <th style="text-align: left;">Ver.</th> <th style="text-align: left;">Ver Type</th> <th style="text-align: left;">Doc. Num.</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="height: 40px;"></td> </tr> </tbody> </table> </div>				Class	Title	Entity	DocumentumID	Ver.	Ver Type	Doc. Num.							
Class	Title	Entity	DocumentumID	Ver.	Ver Type	Doc. Num.											
<div style="border: 1px solid black; padding: 5px;"> <p>MP5 Documents:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Type</th> <th style="text-align: left;">Title</th> <th style="text-align: left;">MP5 Doc. ID.</th> <th style="text-align: left;">Entity</th> </tr> </thead> <tbody> <tr> <td colspan="5" style="height: 40px;"></td> </tr> </tbody> </table> </div>				Class	Type	Title	MP5 Doc. ID.	Entity									
Class	Type	Title	MP5 Doc. ID.	Entity													
<div style="border: 1px solid black; padding: 5px;"> <p>Web Documents:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Class</th> <th style="text-align: left;">Type</th> <th style="text-align: left;">Title</th> <th style="text-align: left;">URL</th> </tr> </thead> <tbody> <tr> <td colspan="4" style="height: 40px;"></td> </tr> </tbody> </table> </div>				Class	Type	Title	URL										
Class	Type	Title	URL														
Custom Fields																	
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Property</th> <th style="text-align: left;">Value</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="height: 40px;"></td> </tr> </tbody> </table>				Property	Value												
Property	Value																


CR QA Record			
Condition Report: 2005111121	Status: Final Review Required	Entry Date: 11/30/2005	Unit: VC
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Discovered: 11/30/2005 10:30:00AM By: (b)(6) Phone: 706/826-3792 Dept: Vogtle - Health Physics Sect: Health Physics </div> <div style="width: 45%;"> Building: Outside Areas Elev: Ground Room: Location: ROAD BEHIND ARB </div> <div style="width: 10%;"> Event: Date: Time: </div> </div>			
Description of Condition: DUE TO HEAVY WEATHER, AND CONTINUOUS USE OF THE ROAD AND RAMP BEHIND THE ARB, THE COATINGS ON THE SCABBLED UP PORTIONS OF THE CONCRETE (RAMP INTO ARB AND GUTTER NEXT TO ROAD) HAS DETERIORATED OVER TIME SINCE INITIAL COATING. THESE AREAS NEED TO BE RE-GROUTED WITH CONCRETE IN ORDER TO SEAL THE AFFECTED AREA. PLEASE INITIATE A WORK ORDER TO GET THIS AREA RE-GROUTED OR RE-PAVED.			
What is affected: REMEDIATION OF PREVIOUSLY CONTAMINATED AREA.			
How Discovered: DURING SEMI-ANNUAL STORM DRAIN SAMPLING.			
CR Type		Status	
Dispatch			
Work Event: A053877601	WalkThrough: No	Hold: No	OPS Review Req: No
Dispatch Comment: The damaged coatings will be repaired per CRF 08-01-008. The concrete will not be repaired at this time. There is not significant enough damage to warrant repair.			
Dispatch Reviewer: (b)(6) Date: 11/30/2005 12:16:18PM		UserID:	
Equipment			
Equipment: A2139SITE MISC CIVIL SITE WORK Safety Class: N Active: A Type: MISC Location: Nuc. Class: N/A Tag: Team: Shared Category: Event: A053877601 Operability _____ Status: Unknown Tracking#: Unknown TSLCO#: Unknown Type: Unknown Comment:			
Initial Review			
Power N/A	Mode: N/A	RC Temp: N/A	RC Pressure: N/A
Event Related Evolutions In Progress: N/A			
Imm.	No	Hours	Date:
		Time:	NRC Rpt.
Compensatory Actions Taken: Initial review by Dispatcher determined that Ops Review not required			

CR QA Record			
Condition Report: 2005111121	Status: Final Review Required	Entry Date: 11/30/2005	Unit: VC
Regulatory			
Received Date: 11/30/05 Severity Lev: 5 Reportable? <input type="checkbox"/> Impact to Plant: Short Explanation: Explanation: n/a			
Required Analysis BCD <input type="checkbox"/> ACD <input type="checkbox"/> RCCA <input type="checkbox"/> RCCA Resp. Dept: Due Date: 1/13/06 Disposition Resp. Dept: Vogtle - Maintenance (Contracts/Shared Resour Reviewed By: (b)(6) 12/1/05 12:52 pm Approved By: Closed By:			
TITLE	TO	PER	DATE TYPE NUM
PRB/PORC review? <input type="checkbox"/> Meeting Num: Date: <div style="border: 1px solid black; height: 20px; margin-top: 5px;">PRB/PORC Comments</div>			
Trending			
Major category: Equipment failure or malfunction (not Safety func. affected: NA Cause Dept: Event Description: Event Code Group1: Operational Related Events/Equipment Or Component Failure Or Damage/Other Event Code Group2: Event Code Group3: Event Code Group4:			
Disposition			
Department: Vogtle - Maintenance (Contracts/Shared Resour Section: Maintenance Contracts (Shared Resources Person: (b)(6) Prepared By: (b)(6) Approved By: (b)(6)		Status: Final Review Required Date: 1/12/06 Date: 1/12/06 Last Action	
Disposition: The damaged coatings will be repaired per CRF 06-01-006. The concrete will not be repaired at this time. There is not significant enough damage to warrant repair.			
Performance			
Maint. rule scope? No Justification By: (b)(6)		Function Failure? No Is this an MPE? No 12/2/05 MR assigned to: (b)(6)	
Justification: ARB is not in scope.			
RCCA			
Status: <div style="border: 1px solid black; height: 30px; margin-top: 10px;">Event desc. or failure scenario:</div>			

CR QA Record			
Condition Report: 2005111121	Status: Final Review Required	Entry Date: 11/30/2005	Unit: VC
Investigation scope/broadness review			
Is this a repeat event?		Was Previous RCCA adequate?	
Repeat event review:			
<input type="checkbox"/> Other train/channel/unit checked	<input type="checkbox"/> Other similar process checked	<input type="checkbox"/> Other similar component	
<input type="checkbox"/> Pencil and Paper narrative	<input type="checkbox"/> Cause identification	<input type="checkbox"/> Apparent cause determination	
<input type="checkbox"/> Barrier analysis	<input type="checkbox"/> Fault tree analysis		
<input type="checkbox"/> Change analysis	<input type="checkbox"/> Kepner-Tregoe		
<input type="checkbox"/> Event and causal factor flow char.	Other:		
Description of causes:			
Cause Dept 1:			
Cause Dept 2:			
Cause Dept 3:			
Group1:			
Group2:			
Group3:			
Group4:			
Item	Description	DueDate	Responsible Dept.
Section	Concurrence?	Respon.Person	ConcurApp Date AI
<input type="checkbox"/> Sequence of event(s) documents attached <input type="checkbox"/> Personnel statement(s) documents attached. <input type="checkbox"/> Event(s) review documents attached.			
RCCA prepared by:			
RCCA approved by:			
RCCA final approver:			
<div style="display: flex; justify-content: space-between;"> HTX: due date extended per (b)(6) e-mail (b)(6) </div>			
Related Documents			
Documents: (DCMT)			
Class	Title	Entity DocumentumID	Ver Type Doc. Num.
MP5 Documents:			
Class	Type	Title	MP5 Doc. ID. Entity
Resolution work order	TABL	Minor MNT	A053877601 VCRT

CR QA Record			
Condition Report: 2005111121	Status: Final Review Required	Entry Date: 11/30/2005	Unit: VC
Web Documents:			
<u>Class</u>	<u>Type</u>	<u>Title</u>	<u>URL</u>
Custom Fields:			
<u>Property</u>	<u>Value</u>		

5


Southern Nuclear Operating Company			
	Nuclear Management Procedure	Actions for Potential Groundwater Contamination Events	NMP-EN-002
			Version 1.0 Page 9 of 9

10 CFR 50.75(g) Leak/Spill Decommissioning Record

(R-type GG3.100)

PART 1 - Location/Source				
Event Date	Plant Name:	Individual Contact Name:	Check one: Leak?	Spill?
07 / 05 / 07	Vogtle	(b)(6)	X	
Volume (gallons):	Location of spill/leak		Source of spill/leak	
88	Gravel area at the southwest corner of the Unit 1 Refuel Water Storage Tank (RWST) Moat		Rainwater from the Unit 1 (RWST) Moat	
Duration of leak/spill: 10 hours				
Gamma Activity (uCi/cc)	Tritium Activity (pCi/L)		Total Area Impacted (ft ²)	
Water on Ground O/S Moat - Gamma Spec # 07101972: Cs 137: 4.185E-8 uCi/cc Moat Water - Gamma Spec # 07101973: No Nuclides Found	33200 pCi/L		558 ft ²	

PART 2 - Event Description	
Outside of Protected Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	
If unknown, what actions needed to determine?	N/A
Description of event/issue	
<p>On 07/05/2007 at 14:30, Health Physics personnel were notified that there was a potential leak at the Unit 1 RWST moat area. An HP technician was dispatched to the area and found an area with standing water at the southwest corner of the U-1 RWST moat, running down to the U-1 Refueling Makeup Water Storage Tank (RMWST) building. The HP technician immediately reported the situation to the HP Foreman and HP Supervisor. Operations personnel were notified and dispatched to the area and began to investigate the source of the leakage. A leak at the base of the wall to the RWST valve gallery building was found and reported. HP personnel took water samples of the RWST moat and standing water from the ground outside of the moat. Further investigation found that water from the moat was leaking into the valve gallery building through a degraded seal and from there the water was leaking from the building through another seal into the yard.</p>	
Actions Taken to Stop Spill or Leak	
<p>HP took water samples and posted the area off as "Notify HP Prior To Entry". Operations personnel notified the Maintenance Department and a dirt berm was placed around the area to contain the leakage. In addition, personnel installed a berm inside the valve gallery to contain leakage from the moat and installed a pump to transfer water from the berm to a 55 gallon drum. The seal at the valve gallery wall was fortified and all leakage to the outside yard was stopped at 17:30. In addition, maintenance personnel attempted to channel the standing water to a low area and pump the water back into the moat. This met with minimal success, due to the shallowness of the water. Condition report # 2007107397 was written and assigned to the Maintenance Department to install new building seals.</p>	
Actions Taken to Clean-up Spill or Leak and Long Term Monitoring	
<p>Based on the low activity found in the water samples, once the water has evaporated, the area will be de-posted. There is no planned excavation of the area at this time. This information will be included in the Vogtle Site Decommissioning Plan. Samples from the leak area showed up Cs-137 at levels comparable to ground samples from outside the leak area. The Cs-137 is believed to be attributable to weapons testing fallout, but not from the leak. The samples did not show up any other gamma</p>	

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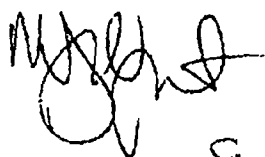
emitters. The tritium levels from the leak area were the same as the tritium levels from inside the moat. No gamma emitters were found in the moat water. The tritium in the moat water was determined to be rainwater washout from the normal plant vent gaseous effluent for which environmental dose was already accounted for. Since the leaking water was found to be coming from the moat and the tritium in the water was due to rain washout, the moat leak will be repaired, but no other remedial action is planned for the soil.

PART 3 – Communications	
Condition Report Number:	2007107397
State Agency Notification: (Describe what agency, when and who)	N/A (<100 gallons not required)
NRC Notification (when and who)	N/A

Figure 1

Gross Count Rate = 35.47
Background Count Rate = 11
LS-6500 Efficiency in % = 33.18
Sample Volume in ml = 10
Sample Count Length in mins = 30
Background Count Length in mins = 30
Dilution Factor = 10

33,200 pCi/L



8-7-07

CR QA Record			
Condition Report: 2007107397	Status: Ready to Transmit	Entry Date: 07/05/2007	Unit: V1
Discovered: 07/05/2007 3:00:00PM By: (b)(6) Phone: 4323 Dept: Vogtle - Operations Sect: OPS Shift 3	Building: Outside Areas Elev: Room: Location: UNIT 1 RWST	Event: Date: Time:	
Description of Condition: Discovered water leaking from the RWST valve gallery and running on the ground in the Southwest area of the tank. Upon further investigation we discovered water leaking into the RWST valve gallery from a piece of flashing with cracked caulking located on the south wall of valve gallery on the other side of the 1-1204-U4-207 valve. Normal water level in the moat is approx. 5" , but due to the Tritium concerns in the water collection areas the water level in the moat had increased above 4 feet.			
What is affected: Water leaking into unwanted areas			
How Discovered: Area walkdown			
CR Type		Status	
Dispatch			
Work Event: 1071158301	WalkThrough: No	Hold: No	OPS Review Req: Yes
Dispatch Comment: Water is currently being contained by a makeshift berm and transferred into a 55 gallon drum and subsequently returned to the RWST moat. Estimate of water on the ground is approximately 80 gallons. Closed to work order			
Dispatch Reviewer: (b)(6) Date: 7/5/2007 10:02:26PM		UserID:	
Equipment			
Equipment: 11204T4001 SIS REFUELING WATER STORAGE TANK,"",*			
Safety Class: S	Active: A	Type: TNK	Location:
Nuc. Class: 01C	Tag:	Team:	Reactor Building
Category:		Event: 1071158301	Unit 1
Operability Status: Operable Tracking#: N/A TSLCO#: 13.1.7 Type: T.R.M.			
Comment: This is NOT borated water. Leakage source is RWST moat, NOT from the RWST. RWST remains intact (b)(6) 7/5/07			
Initial Review			
Power 100	Mode: Mode 1	RC Temp: NOT	RC Pressure: NOP
Event Related Evolutions In Progress: None			
Imm. No	Hours	Date:	Time: NRC Rpt.
Compensatory Actions Taken: None			
Regulatory			
Received Date:	Severity Lev: 4	Reportable? <input type="checkbox"/>	Impact to Plant:
Short Explanation:			
Revised: 8/10/2007		Page 1 of 4 Report: CR_QA_Record.rpt	

CR QA Record					
Condition Report: 2007107397		Status: Ready to Transmit		Entry Date: 07/05/2007	
Unit: V1					
Explanation: n/a					
Required Analysis BCD <input type="checkbox"/> ACD <input type="checkbox"/> RCCA <input type="checkbox"/> RCCA Resp. Dept:					
Due Date: 9/3/07		Disposition Resp. Dept: Vogtle - Maintenance Manager			
Reviewed By: (b)(6)		7/6/07 12:43 pm			
Approved By:		Closed By: (b)(6)		7/6/07 12:43 pm	
TITLE	TO	PER	DATE	TYPE	NUM
PRB/PORC review? <input type="checkbox"/> Meeting Num: Date:					
PRB/PORC Comments					
Trending					
Major category: Equipment failure or malfunction (not Safety func. affected: NA Cause Dept: Event Description:					
Event Code Group1: Operational Related Events/Equipment Or Component Failure Or Damage/Other Event Code Group2: Other Events/Others/Good Catch Award Event Code Group3: Event Code Group4:					
Disposition					
Department: Vogtle - Maintenance Manager Section: Person: Prepared By: (b)(6) Approved By: (b)(6)			Status: Final Review Required Date: 7/6/07 Date: 7/6/07 Last Action		
Disposition: Water is currently being contained by a makeshift berm and transferred into a 55 gallon drum and subsequently returned to the RWST moat. Estimate of water on the ground is approximately 60 gallons. Closed to work order.					
Performance					
Maint. rule scope? Yes Justification By: (b)(6)		Function Failure? No 7/19/07		Is this an MPFF? No MR assigned to: (b)(6)	
Justification: The noted condition involves a significant amount of rain water collecting in the Unit 1 RWST moat and leaking into the RWST valve gallery area. The SIS (1204) functions as a source of borated water (RWST) to be used by ECCS and Containment Spray for RCS inventory makeup, reactivity control, containment pressure control and Spent Fuel Pool makeup. The water accumulating in the RWST moat does not hinder the SIS from performing the previously stated function. Therefore, the noted condition does not represent a functional failure as listed in the VEGP Scoping Manual for System 1204. (b)(6) /19/07					
RCCA					
Status: <div style="border: 1px solid black; height: 40px; margin-top: 10px;"></div> Event desc. or failure scenario:					

CR QA Record

Condition Report: 2007107397	Status: Ready to Transmit	Entry Date: 07/05/2007	Unit: V1
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Investigation scope/broadness review

Is this a repeat event?	Was Previous RCCA adequate?
Yes	Yes
Yes	No
No	Yes
No	No

Repeat event review:

☐ Other train/channel/unit checked ☐ Other similar process checked ☐ Other similar component

☐ Pencil and Paper narrative ☐ Cause identification ☐ Apparent cause determination

☐ Barrier analysis ☐ Fault tree analysis ☒ Determination

☐ Change analysis ☒ Kepner-Tregoe

☐ Event and causal factor flow char. ☐ Other:

Description of causes:

Cause Dept 1:

Cause Dept 2:

Cause Dept 3:

Group1:

Group2:

Group3:

Group4:

Item	Description	DueDate	Responsible Dept.
Section	Concurrence?	Respon.Person	ConcurApp

<input type="checkbox"/>	Sequence of event(s) documents attached
<input type="checkbox"/>	Personnel statement(s) documents attached.
<input type="checkbox"/>	Event(s) review documents attached.

RCCA prepared by:

RCCA approved by:

RCCA final approver:

Comment

Related Documents

Class	Title	Entity	DocumentumID	Ver.	Type	Doc. Num.

<u>Class</u>	<u>Type</u>	<u>Title</u>	<u>MP5 Doc. ID.</u>	<u>Entity</u>
Resolution work order	TABL	Minor MNT	1071158301	VCRT

CR QA Record			
Condition Report: 2007107397	Status: Ready to Transmit	Entry Date: 07/05/2007	Unit: V1
Web Documents:			
<u>Class</u>	<u>Type</u>	<u>Title</u>	<u>URL</u>
Custom Fields			
<u>Property</u>	<u>Value</u>		