

ACTION REQUEST 00272173

Type : NCR Orig Date: 03/26/08 13:53 Discovery Date:
Subject : TRITIUM IN 1A NORTH CW INTAKE LINE

Description

A THRU WALL LEAK IDENTIFIED IN THE UNIT 1 A/N CW INTAKE PIPE (WR 327489) WAS FOUND TO CONTAIN TRITIUM IN THE GROUNDWATER LEAKING INTO THE PIPE. THE TRITIUM CONCENTRATION WAS FOUND TO BE 1.187E-5 MICROCURIES PER MILLILITER (11,870 PICOCURIES PER LITER). RADIATION CONTROL HAS BEEN NOTIFIED.

Priority : 2 Report To : Status: COMPLETE 05/13/08
Due Date : 09/26/08 Event Date :
Originator : MILLIM02 Originator Group:
Facility : BNP Department : Z84 Organization:
Owed To : Owed To Group : ERCUEVAL
Owed To Fac: BNP Department : Discipline :

AR Status History

Updated Date	Updated By	AR Status	AR Due Date
03/26/08	MILLIM02	INPROG	
03/26/08	MILLIM02	H/APPR	
04/02/08	HOLLEN	PRE-APRV	
04/02/08	HOLLEN		09/26/08
04/02/08	HOLLEN	APPROVED	
05/13/08	HOLLEN	COMPLETE	

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Request Attribute	Value	Reqd	Date
1A POT'L OPER/REPORT	N	Y	03/26/08
Name :	MICHAEL MILLINOR		

Discussed this item with Regulatory Affairs personnel and this is not reportable.

Request Attribute	Value	Reqd	Date
1B EQUIPMENT RELATED	N	Y	03/26/08
Name :	MICHAEL MILLINOR		

Request Attribute	Value	Reqd	Date
2 SUPERVISOR REVIEW	Y	N	03/27/08
Name :	JERRY JOHNSON JR.		

Request Attribute	Value	Reqd	Date
2A CR VALID?	Y	Y	03/27/08
Name :	JERRY JOHNSON JR.		

Request Attribute	Value	Reqd	Date
2B FURTHER INVN REQD	Y	Y	03/27/08
Name :	JERRY JOHNSON JR.		

Include the following information for Priority 2:

- * Adverse Condition Statement
- * Completed Corrective Actions or Additional Corrective Action(s) to address the Adverse Condition
(Include responsible person for the corrective action, the due date or the complete date)
- * Inappropriate Act statement (include work group involved, if known) or Equipment Malfunction
- * Apparent Cause of the Inappropriate Act or Equipment Malfunction
(Include Cause Code from CAP-NGGC-0206)
- * Completed Corrective Actions or Additional Corrective Actions to address the Cause
(Include responsible person for the corrective action, the due date or the complete date)
- * Additional Corrective Actions if needed - including recommended assignee and recommended due date

Include the following information for Priority 3:

- * Adverse Condition Statement
- * Completed Corrective Actions - CORL, or Additional CORLs to address the Adverse Condition
(Include responsible person for the corrective action, the due date or the complete date)
- * Additional Corrective Actions if needed - including recommended assignee and recommended due date

Request Attribute	Value	Reqd	Date
2C RECOMMENDED OWNER	MIKE MILLINOR	N	03/27/08
Name :	JERRY JOHNSON JR.		

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Request Attribute	Value	Reqd	Date
2D OPER/REPORT ISSUE	N	Y	03/27/08
Name : JERRY	JOHNSON JR.		

Request Attribute	Value	Reqd	Date
2DIEQUIPMENT RELATED	N	Y	03/27/08
Name : JERRY	JOHNSON JR.		

Request Attribute	Value	Reqd	Date
2E MAINT RULE APPLIC	N	N	03/27/08
Name : JERRY	JOHNSON JR.		

Request Attribute	Value	Reqd	Date
2F SYSTEM	NA	Y	03/27/08
Name : JERRY	JOHNSON JR.		

Request Attribute	Value	Reqd	Date
3 OPERATIONS REVIEW		N	
Name :			

Request Attribute	Value	Reqd	Date
3A IMMED REPT ISSUE	N	N	03/27/08
Name : DONALD	BAIN		

Request Attribute	Value	Reqd	Date
3B OCR	N	N	03/27/08
Name : DONALD	BAIN		

- If an OCR is needed, enter the following information:
1. Basis for reasonable expectation of operability -
 2. Person responsible for completing the OCR -
 3. Date and time the OCR is due, as determined by the Manager of Operations -
 4. Basis for the timeframe allowed -

Request Attribute	Value	Reqd	Date
3B1 OPER ISSUE	N	N	03/27/08
Name : DONALD	BAIN		

Request Attribute	Value	Reqd	Date
3B2 REPORT ISSUE	N	N	03/27/08
Name : DONALD	BAIN		

Request Attribute	Value	Reqd	Date
3B3 REW	N	N	03/27/08
Name : DONALD	BAIN		

Request Attribute	Value	Reqd	Date
3B4 DEG/NCON	N		03/27/08
Name : DONALD	BAIN		

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Request Attribute	Value	Reqd	Date
3C TRACKING NUMBER	N	N	03/27/08
Name : DONALD	BAIN		

Request Attribute	Value	Reqd	Date
4 REG AFF REVIEW		N	
Name :			

Request Attribute	Value	Reqd	Date
4A OPER/REPORT ISSUE	N	Y	03/27/08
Name : MARK	TURKAL		

Request Attribute	Value	Reqd	Date
4A1 OPER ISSUE	N	Y	03/27/08
Name : MARK	TURKAL		

Request Attribute	Value	Reqd	Date
4A2 REPORT ISSUE	N	Y	03/27/08
Name : MARK	TURKAL		

The tritium activity of 11,870 pCi/L is below the ODCM limit of 30,000 pCi/L and, as such, is not reportable as a new sample in excess of this limit. Additionally, there is no indication that this constitutes a new leak or a leak from a high risk system (e.g., CST). The water is welling up from the ground, indicating it is the same groundwater issue most recently reported in March 2008. There is no indication of leakage from a new source; the nearest potential source would be the CST. Tritium activity in the CST is significantly higher. The original report from June 2007 reported the suspected seepage from the storm drain stabilization pond. The follow-up report from March 2008 discussed the apparent new inadvertent pathway leading to the tritium levels found in well 2C. These previous reports have made it clear that onsite groundwater contains tritium and we are continuing to evaluate its source and corrective actions to be taken. This is a continuation of the issue as already reported and, as such, no need to make an additional voluntary report.

Request Attribute	Value	Reqd	Date
4A3 REW	N	Y	03/27/08
Name : MARK	TURKAL		

Request Attribute	Value	Reqd	Date
4A4 DEG/NCON	N		03/27/08
Name : MARK	TURKAL		

Request Attribute	Value	Reqd	Date
4B FOLLOWUP ASG REQD	N	Y	03/27/08
Name : MARK	TURKAL		

Request Attribute	Value	Reqd	Date
4C T. SPEC VIOLATION	N	Y	03/27/08
Name : MARK	TURKAL		

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Request Attribute	Value	Reqd	Date
4D ADD'L REPORT REQD	N	Y	03/27/08
Name :	MARK TURKAL		

Request Attribute	Value	Reqd	Date
4E PNSC/CSERB REQD	N	Y	03/27/08
Name :	MARK TURKAL		

Request Attribute	Value	Reqd	Date
5 CLASSIFN/ASSIGNMNT		N	
Name :			

Request Attribute	Value	Reqd	Date
5A CR VALID?	Y	Y	04/02/08
Name :	NANCY HOLLEY		

Request Attribute	Value	Reqd	Date
5B FURTHER INVN REQD	N	Y	04/02/08
Name :	NANCY HOLLEY		

A significant adverse condition investigation is being performed under NCR #268357 to determine root cause of increasing tritium trend in monitoring well 2C. The occurrence documented in this NCR is another example that onsite groundwater contains tritium and we are continuing to evaluate its source and corrective actions to be taken. This is a continuation of the issue as already reported. Investigation and corrective actions will be tracked by NCR 268357.

Request Attribute	Value	Reqd	Date
6 MISCELLANEOUS		N	
Name :			

Request Attribute	Value	Reqd	Date
6A COMMENTS		N	
Name :			

Request Attribute	Value	Reqd	Date
6B COMMENTS		N	
Name :			

Request Attribute	Value	Reqd	Date
6C COMMENTS		N	
Name :			

Request Attribute	Value	Reqd	Date
6D COMMENTS		N	
Name :			

Request Attribute	Value	Reqd	Date
6E COMMENTS		N	
Name :			

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EFFLACCT EFFLUENT ACCOUNTABILITY

AR REFERENCE DOCUMENTS

DOC	SUB	DOCUMENT	REV	MIN	TITLE
TYP	TYP			OR	
BNP AR		00272173	000		TRITIUM IN 1A NORTH CW INTAKE

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COMPLETION NOTES

CAUSE/ACTION

ASSIGNMENT COMPLETION APPROVAL

Route List: 001

Route List Initiator: HOLLEN

Alert	Send	Send	Action	Action
PASSPORT Fac Group/Type Last Name	Date	Time	Taken	Date/Time
HOLLEN BNP ERCUEVAL A HOLLEY	05/13/08	08:35	APPROVED	05/13/08 08:35

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COMPLETION NOTES

CAUSE/ACTION

ASSIGNMENT COMPLETION APPROVAL

Route List: 001

Route List Initiator: HOLLEN

Alert
PASSPORT Fac Group/Type Last Name
HOLLEN BNP ERCUEVAL A HOLLEY

Send Send Action Action
Date Time Taken Date/Time
05/13/08 08:36 APPROVED 05/13/08 08:37

Based on results of investigation tracked by NCR 268357 the following cause codes have been entered for this NCR:

Contributing Cause:

C6 Improper risk assessment

J4A Preventive maintenance does not exist

Root Cause:

D3 Inadequate commitment /ownership of program

Upon closure of this NCR, it will be vaulted as Decommissioning Record