

*Gentlemen,
no light on ongoing interest in BW's
issue, were just keeping you aware of Dresden's issue*
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AR 00452084 Report

Aff Fac:	Dresden	AR Type:	CR	Status:	APPROVED
Aff Unit:	00	Owed To:	A8332CAP	Due Date:	03/11/2006
Aff System:	00			Event Date:	01/19/2006
CR Level/Class:	4/D			Disc Date:	01/19/2006
How Discovered:	H02			Orig Date:	02/09/2006
WR/PIMS AR:		Equip Tag:			

Action Request Details

Subject: TRENDS OF LOCAL SHALLOW TRITIUM SAMPLING WELLS - 1 ANOMALLY**Description:** Originator: EDWARD J. ROWLEY Supv Contacted: Joe Strmec**Condition Description:**

Following the leak/repair of a section of the underground CST line near the Unit 3 HPCI Room in 2004, shallow wells have been monitored for Tritium contamination. Comparing the results of 18 local shallow wells over the last quarter show that the Tritium concentration has decreased in 6 wells, unchanged in 5 wells and increased in 7 wells. Of the 7 showing an increased Tritium concentration, 6 show relatively small changes while 1 shows a relatively large increase.

Shallow Well E-3 showed a Tritium counts at 1.0E-06 and increased to 8.9E-05.

This is an increase from 1 pCu/L to 90pCu/L.

Immediate actions taken:
Generated an IR.**Recommended Actions:**

Sampling on this Well E-3 will be increase to monthly and will be monitored closely.

What activities, processes, or procedures were involved?
Groundwater sampling**Why did the condition happen?**

Unknown. Speculation that it is the groundwater movement of tritium from a higher concentration area, or, it could be a leak. Another possibility is a contaminated sample.

What are the consequences?
Depends on the cause.**Were any procedural requirements impacted?**
Groundwater sampling

C-34

Were there any adverse physical conditions?
None

List of knowledgeable individuals:
Randy Kalb, Ed Rowley, Joe Strmec

Repeat or similar condition?
Part of an ongoing monitoring program

Operable Basis:

Reportable Basis:

SOC Reviewed by: RALPH M FENILI 02/10/2006 07:00:56 CST

SOC Comments:

Closed to stated action of increased well sampling. rf

Assignments

Assign #:	<u>01</u>	Assigned To:	Status:	AWAIT/C
Aff Fac:	Dresden	Prim Grp:	Due Date:	02/14/2006
Assign Type:	TRKG	Sec Grp:	Orig Due Date:	μμ/μμ/μμμμ
Priority:				
Schedule Ref:				
Unit Condition:				
Subject/Description:	TRENDS OF LOCAL SHALLOW TRITIUM SAMPLING WELLS - 1 ANOMALLY Local Groundwater Tritium Wells			