

CR QA Record

Condition Report: 2006109926

Status: Ready to Transmit

Entry Date: 10/03/2006

Unit: H2

Discovered: 10/02/2006 4:00:00PM

By: William E Duvall III

Phone: 8-692-5866 33

Dept: Hatch - Chemistry

Sect: Chemistry

Building: Yard

Elev:

Room:

Location:

Event:

Date:

Time:

10

Tritium
Ground Water

Description of Condition:

Sampling from one of the newly installed ground water monitoring wells identified tritium concentration at 41,360 pCi/l. Location of well is on northwest side of U2 Condensate Transfer Pump Moat. Recent NDE testing of buried piping in this area did not identify any through-wall leakage. This CR is being initiated to determine if this is a new tritium source or tritium migration from previous leakage. Follow up analysis for gamma emitters indication none present only positive for tritium. Disposition this CR to site chemistry, per corporate EA no notifications required.

What is affected:

Ground water contamination

CAP

How Discovered:

Routine sampling

CR Type

Status

Dispatch

Work Event:

WalkThrough: No

Hold: No

OPS Review Req: Yes

Dispatch Comment:

This issue was discussed with Environmental affairs. Based on MACTEC study of U1 CST tritium issue, the tritium from NW10 at U2 CST is from migration of the tritium from the U1 CST area piping leak. NW10 will be sampled periodically to determine if there is an increasing trend of tritium that would indicate a new leak. Samples over a two month period show no indication of an upward trend. Also piping that is being replaced in the CST area show no visible signs of leakage. See MACTEC Study attached to CR 2006102808. VMC 12/1/06.

Dispatch Reviewer: sabritt

UserID:

Date: 10/3/2006 5:59:40AM

Equipment

Equipment: 1Y22

SUPERSTRUCTURE

Safety Class: S

Active: A

Type: S

Location:

Nuc. Class:

Tag:

Team: MAINT

Category:

Event:

Operability

Status: Operable

Tracking#: na

TSLCO#: na

Type: N/A

Comment: na

Initial Review

Power: 100

Mode: Mode 1

RC Temp: NOT

RC Pressure: NOP

Event Related Evolutions In Progress:

Tritium surveillance

Imm. Reportable No

Hours:

Date:

Time:

NRC Rpt. #

Compensatory Actions Taken:

None required.

J-117

CR QA Record

Condition Report: 2006109926 **Status:** Ready to Transmit **Entry Date:** 10/03/2006 **Unit:** H2

Regulatory

Received Date: **Severity Lev:** 4 **Reportable?** **Impact to Plant:**

Short Explanation:

Explanation: n/a

Required Analysis Method: BCD ACD RCCA **RCCA Resp. Dept:**

Due Date: 12/1/06 **Disposition Resp. Dept:** Hatch - Chemistry

Reviewed By: thgordon 10/4/06 11:06 am

Approved By: **Closed By:** Terri H. Gordon 12/1/06 2:16 pm

TITLE	TO	PER	DATE	TYPE	NUM

PRB/PORC review? **Meeting Num:** **Date:**

PRB/PORC Comments

Trending

Major category: People

Safety func. affected: NA

Cause Dept: DEFAULT / ALL MRC'S

Event Description:

Event Code Group1: Chemistry Related Events/Other Water Systems/Environmental

Event Code Group2: Health Physics Related Events/Radioactive Spills And Releases/NOT USED

Event Code Group3:

Event Code Group4:

Disposition

Department: Hatch - Chemistry

Section: Chemistry

Person: Violet M. Coleman

Prepared By: thgordon **Date:** 12/1/06

Approved By: thgordon **Date:** 12/1/06

Status:

Final Review Required

Last Action Due

Disposition:

This issue was discussed with Environmental affairs. Based on MACTEC study of U1 CST tritium issue, the tritium from NW10 at U2 CST is from migration of the tritium from the U1 CST area piping leak. NW10 will be sampled periodically to determine if there is an increasing trend of tritium that would indicate a new leak. Samples over a two month period show no indication of an upward trend. Also piping that is being replaced in the CST area show no visible signs of leakage.
See MACTEC Study attached to CR 2006102808. VMC 12/1/06.

Performance

Maint. rule scope? **Function Failure?** **Is this an MPFF?**

Justification By: **MR assigned to:**

Justification:

RCCA

Status: