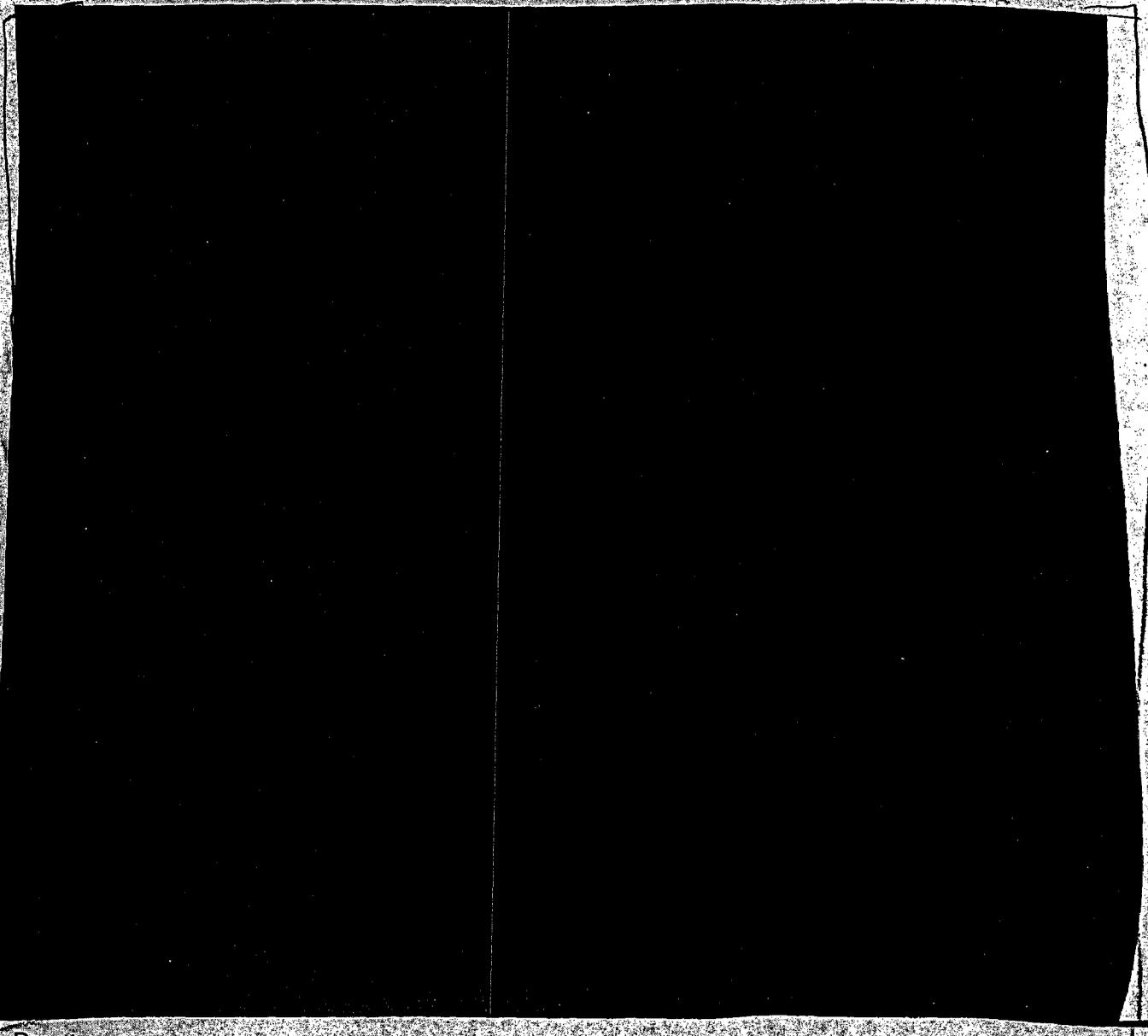


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From: Anne Boland
 To: Timothy Frye
 Date: 2/18/06 2:16PM
 Subject: Fwd: UPDATE - Braidwood Tritium Contamination

Here is the type of communication that Steve has been putting together periodically for Comm Plan - in looking back this is not exactly weekly. We do put together a weekly item for the RA. An example is below. I have also attached the color maps that we have been using - these do not cover the whole blowdown line - but they are very useful - they are not publicly available.

Tritium Contamination



out of scope

Dresden

On February 10, 2006, Dresden Station informed the resident inspectors and Region III that elevated levels of tritium had been measured in a monitoring well located near underground piping. The piping in the area goes from the condensate storage Tank (CST) to the High Pressure Coolant Injection (HPCI)

information in this record was deleted in accordance with the Freedom of Information Act, exemptions *outside scope*

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system.

In 2004, leakage was discovered in the CST to HPCI supply line pipe. The pipe is 175 feet long; the licensee replaced approximately 75 feet of piping where leaks had been identified in 2004. The licensee suspects that the current leak is in the 100 feet of piping that was not replaced at that time.

The sample result on February 11, 2006, was 486,000 picocuries per liter (pCi/L), on February 12, 2006, was 529,000 pCi/L, on February 13, 2006, was 680,000 pCi/L, and on February 14, 2006, was 540,000 pCi/L. The results of samples from the REMP wells near Dresden for January 13, 2006, did not show any indication of from the leakage.

The pipe was isolated on February 11, 2006. The licensee plans to drain the pipe. The licensee had planned to replace the pipe in June 2006, but is considering an adjustment to the schedule for replacement.

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