

From: Anne Boland
To: Stephen Klementowicz
Date: 12/7/05 1:52PM
Subject: Fwd: Radiological Release Information for Chairman's Staff

Attached is our response - as Steve Orth indicated, Stu Richards was here and we got some clarification from him on the level of issues to be developed. If you have questions, please feel free to call.

Anne T. Boland, Deputy Director
Division of Reactor Safety
NRC Region III
630-829-9701

CC: Cynthia Pederson; Geoffrey Grant; James Andersen; James Caldwell; Mark Satorius; Roger Pedersen; Steven West; Stuart Richards

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Act, exemptions outside scope
FOIA- 2006-130

D-4

From: Steven Orth *SO*
To: Anne Boland
Date: 12/7/05 1:35PM
Subject: Radiological Release Information for Chairman's Staff

Anne,

Attached is the list developed by Regional staff. We've excluded the minor contamination events, based on Stu Richard's guidance.

Steve

CC: Stephen Klementowicz

Inadvertent Liquid Releases



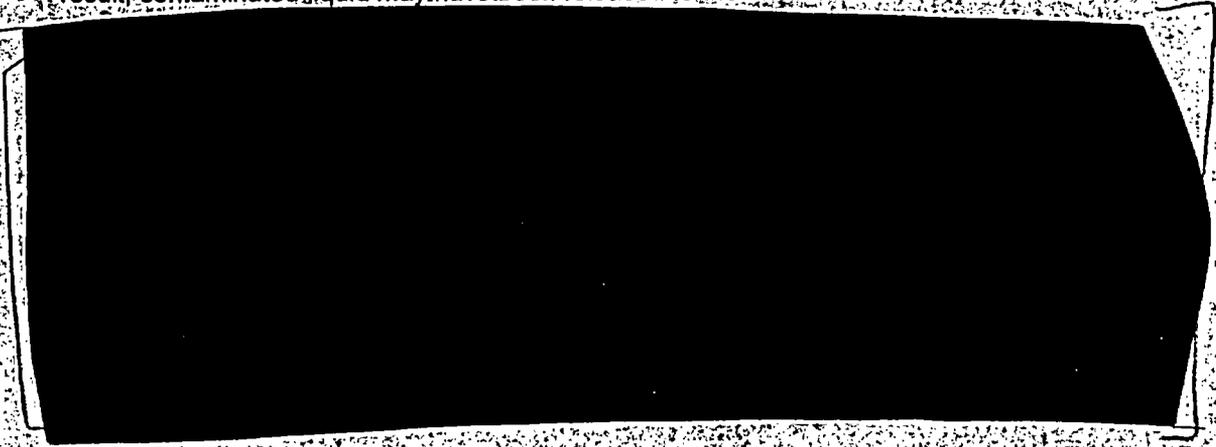
out of scope

Dresden

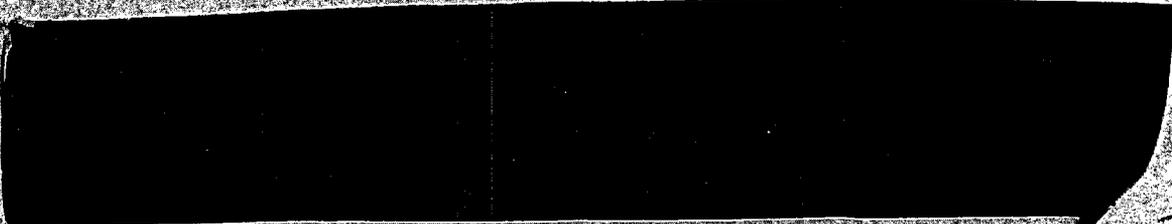
In August of 2004, the licensee identified an underground leak of its condensate storage tank (CST) piping. The licensee detected levels of tritium in onsite groundwater monitoring wells as high as 1,700,000 picoCuries per liter. The licensee isolated the leakage and replaced the faulty section of piping (November 2004). Onsite monitoring well data confirm that the flow of groundwater is generally away from any residential areas and towards the River.

In 2004 and 2005, the licensee sampled the private wells of nearby residents. One of the residents' wells had measurable levels of tritium above background (approximately 900 - 950 picoCuries per liter) and has shown positive results for tritium for a number of years. However, the licensee's other monitoring results and an independent hydrology study do not appear to support that the elevated levels of tritium in that well were from the 2004 CST pipe leakage. The licensee continues to evaluate the tritium in that well, which is a normal sample point for its radiological environmental monitoring program.

In 1993 or 1994, the licensee identified that the Unit 1 Service Water line had frozen. As a result, contaminated liquid may have been released to the environment.

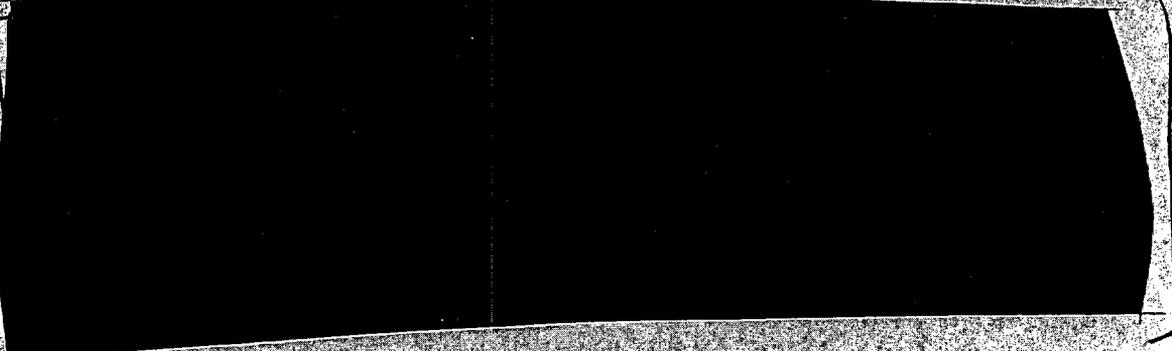


out of scope



out of scope

Inadvertent Solid Radioactive Materials Releases



out of scope

Dresden

In the late 1980's or early 1990's, the licensee performed a comprehensive survey of items outside of its radiologically restricted area and identified a few hundred contaminated pieces of tools and equipment. Some of that material may have been found outside of the owner controlled area.

Approximately 10 - 15 years ago, some contaminated soil may have been inadvertently released from the site. We believe the material was reclaimed and ultimately shipped for radioactive burial.