

*23*  
From: Geoffrey Grant  
To: Kenneth Riemer; Mark Mitchell ; Mark Ring  
Date: 2/13/06 9:24AM  
Subject: Re: Fwd: Tritium Leak

When we have more info on both Dresden [redacted] we should consider offering Durbin, Obama and other Congr. (local offices and Washington) a briefing like we have been doing for Braidwood

*out of scope*

>>> Mark Ring 02/13/06 9:18 AM >>>  
Ken & Mark,

Here is the Dresden e-mail on tritium leakage from common piping that connects the CST to the 2/3 EDG room, where it splits out to both units' HPCI systems. 1 correction is that the piping is about 175 feet long vs 275. New update from this morning: licensee announced in POD that they plan to make a press release later today. We will be given an advance copy and I will forward it when we get it. Licensee Site VP stated that, "Exelon will treat this tritium leakage as a 'big deal.' Project plan is being developed.

For the 2004 CST/HPCI line tritium leakage, I did not find a PN. I found multiple EDO bullets, a licensee fact sheet that they released to all on-site staff and also to other Exelon sites, correspondence to/from Dave Lochbaum of UCS, and responses to questions from Senator Durbin's office.

-Mark

CC: Anne Boland; Cynthia Pederson; Jan Strasma; jlc1; Lickus, Roland; Mark Satorius; Steven West; Viktoria Mityng

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in accordance with the Freedom of Information  
Act, exemptions outside scope  
FOIA- 2006-150

*D-7*

**From:** Desiree Smith <sup>23</sup>  
**To:** Ring, Mark  
**Date:** 2/13/06 7:48AM  
**Subject:** Tritium Leak

Mark,

The licensee took additional samples over the weekend which confirmed HPCI piping is leaking. The sample result on February 11, 2005 indicated a reading of 486,00pCi/L. Last night's reading was 529.000 pCi/L. The HPCI supply and return piping was isolated over the weekend; and, the licensee plans to drain the piping inside the isolation points. In 2004, when the leak was initially identified, the licensee replaced approximately 75 feet of an approximate 275 feet piping run from the CST to the 2/3 EDG room. The licensee suspects the leak is in the 100 feet of piping, which was not replaced in 2004, based on the increased reading of the baby well which is located in close proximity to this piping. The licensee had scheduled replacement of this piping this June. This well is sampled quarterly per the well sampling program. However, the licensee had increased the sampling to every two weeks based on an increased sample result in January. The licensee is currently sampling daily.

Desiree