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**From:** Conatser, Richard  
**Sent:** Tuesday, November 24, 2009 11:25 AM  
**To:** Garry, Steven  
**Subject:** RE: fyi - TMI contamination event

Steve,

Here are my answers below. Let's discuss.

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**From:** Garry, Steven  
**Sent:** Tuesday, November 24, 2009 10:16 AM  
**To:** Brown, Frederick  
**Cc:** Shoop, Undine; Pedersen, Roger; Conatser, Richard  
**Subject:** fyi - TMI contamination event

fyi - The Pennsylvania Gov Rendell is asking the NRC Chairman some questions about the TMI contamination event, and the Chairman needs answers today. The Chairman evidently asked Rg I John White/Sam Collins for the answers. Rg I is asking us to support getting answers

Questions:

1. What are the notification protocols? 10CFR 50.72. In this case, 10 CFR50.72(b)(2)(xi).
2. How many contamination events are normal? The licensee had developed performance goals of less than X PCE. (Get X from Ron.) The number of contamination events during a RFO will depend on the types of maintenance activities performed during the outage. A typical number of contamination events for a S/G replacement may be on the order of 10 to 20 PCEs.
3. How many workers are exposed (normally)? In a typical RFO, the typical worker entering the containment building receive some exposure, but all exposures are typically less than the NRCs limits for occupational workers.
4. How many workers dose exceed 2 rem normally? Only a very small fraction (significantly less than 1% of the occupational workers) receive exposrees in excess of 2 rem annually.

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