

**Perry Buckberg - Re: NRC Exit Meeting - Reactor Safety**

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**From:** Perry Buckberg  
**To:** Rebecca Chin  
**Date:** 2/5/2007 7:46 AM  
**Subject:** Re: NRC Exit Meeting - Reactor Safety  
**CC:** Susan Uttal

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Rebecca,

I have received your e-mail and will respond after I consult with the NRC Office of General Council.

Thanks,  
Perry Buckberg  
Project Manager - Division of License Renewal  
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[phb1@nrc.gov](mailto:phb1@nrc.gov)

>>> "Rebecca Chin" <[rebeccajchin@hotmail.com](mailto:rebeccajchin@hotmail.com)> 2/4/2007 11:50 AM >>>

Perry Buckberg  
Project Manager, License Renewal - PNPS  
[phb1@nrc.gov](mailto:phb1@nrc.gov)

Perry:

After the Exit Meeting, January 30, 2007 in Plymouth, I am left with some concerns and questions. I find it troubling that the NRC staff are relying on the 'Applicant' aka Pilgrim to provide all the information and all NRC staff does is sit in a room, look over the proposal and decide if NRC regulations contain enough 'wiggle room' to be satisfied. NRC staff does a 1 - 2 week onsite visit to look over the paperwork, walk around a little - know nothing specific about the plant itself or the site/area. They approve 6 areas of concern immediately and seem to be heading on okaying the 7 area - dry well degradation that Pilgrim has now agreed to look at/sample? once before 2012 and again once more before 2032... Is that the extent of NRC Division of Reactor Safety's evaluation - to examine whether the plant's program for managing the effects of aging on 'KEY SAFETY SYSTEMS', structures and components is adequate and appropriate for a 20-year license extension???

Again, the public notification of the meeting was woefully inadequate.

Please respond to the questions below and include the diagram of the reactor and containment that was used in the discussion. A timely response would be greatly appreciated.

Thank-you,  
Rebecca Chin, Vice-Chair  
Town of Duxbury Nuclear Advisory Committee

**Torus - unresolved issue**

Q. NRC staff stated that there was evidence of water in the Torus. Does NRC know for certain where it came from? If so what is the basis.

Q. I recollect that it was stated by the 'applicant' that the water in the Torus room/floor came from groundwater; is that correct?

Q.

- 1) If the water is thought to have come from groundwater, how did it get there - from rain/moisture seeping down through the ground; from the water table, water coming up; from the ocean; a combination?
  - 2) What is the height of the water table; what is the distance from the water table to a specified location on the building; indicate on diagram provided at Exit Meeting?
  - 3) Was the water in the Torus tested for salinity - especially important considering the corrosive effect of salt on concrete? If so, what was the result?
  - 4) Was the water tested for radionuclides? If so, what was the result?
  - 5) If the water got in, we can assume it can get out. Is this correct? If correct, where would it go; what tests are performed on said water for its radiological and chemical content?
  - 6) Is the Torus checked for water now and what will be required from 2012-2032? If required, what is the schedule and method used to check for water now and during 2012-2032?
  - 7) Will monitoring wells be required to test for leakage into the ground?
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