

**John Richmond**

**From:** John Richmond, *RI*  
**Sent:** Friday, September 05, 2008 11:00 AM  
**To:** Timothy OHara  
**Subject:** RE: OC Drywell Questions

Tim, thanks for the good input.

1) I've asked Pete Tamburro for schedule updates as follows (which he said he'd get directly from NDE):

1.1 UT readings at sandbed elevation inside D/W  
19 locations, with either a 7x7 array or a 1x7 array at each location.  
Pete expects NDE to do all of these UTs on a single shift (easy to access & do).

1.2 UT readings in sandbed bays No. 1, 3, and 19 [exterior to D/W]. Pete said those were the bays of prior interest (I'll check the IR from 2006). Pete said they do a total of 106 separate UT readings in the 10 bays. The bay inspections (VT & UT) are spread over several days, and are worked both day & night shift, due to bay access scheduling.

2) No one said we needed to look inside all 10 bays, just my misunderstanding. I agree, we should review all the UT & VT data sheets from all 10 bays.

3) Regarding your comment on the external UTs (Item 3 below), do you recommend we observe the UTs in bays 1, 3, & 19, or just do an independent visual in those bays, and then separately observe UT data collection in any conveniently scheduled bay?

4) Paul Kaufman said the UTs of the D/W shell is not within his scope of ISI. Michael Modes will pick up whatever we think we need, that you don't get to.

5) Regarding the D/W UT at 71' & 23', would you expect that we will know whether there's been a significant increase in the corrosion rate by the time they do these UTs?

Is there anything else we should be thinking about or considering, regarding D/W shell inspections?

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**From:** Timothy OHara  
**Sent:** Thursday, September 04, 2008 9:18 PM  
**To:** John Richmond  
**Cc:** Richard Conte; John White  
**Subject:** RE: OC Drywell Questions

John, Responses below.

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**From:** John Richmond  
**Sent:** Thursday, September 04, 2008 3:11 PM  
**To:** Timothy OHara  
**Subject:** OC Drywell Questions

couple of questions, just to help me understand [since I haven't been previously involved]

1) Do you plan to enter all 10 sandbed regions for inspection? No, that would take longer than the 2 days on site which we agreed upon. I'm planning on being there on 10/28 and 10/29. Are those still good days? I

*[Handwritten scribbles and signatures on the right side of the page, including a large signature that appears to be 'G/5']*

recommend looking at the 3 Bays from 2006 and maybe 1 or 2 other ones if time permits. Who thinks we should look at all of them? We should review all the VT data sheets from all Bays.

2) I understand that the "critical" UTs are all inside the D/W, at 19 separate locations, at the sandbed elevation. There will be very limited UTs within the sandbed area, external to D/W. Will you be observing UTs in the sandbed (external) and inside the D/W, in addition to reviewing the UT data? The internal UT should be observed. If it's being done when I'm there I can do it. Your choice. Additionally, Paul Kaufman could observe this evolution also because it may stretch over several shifts on several days. The external UT, while there are fewer data points are important to answering the question: Is any corrosion taking place? Someone should witness/observe the collection of some of that data. If it's being done during the 2 days I'm on site, I'm willing to observe the collection of the data in the sandbed(s).

3) Do you plan to observe the UTs, and/or review the UT data for the ISI of the D/W shell at 71' [knuckle region] and at 23' [transition of plat thickness region], or is that scope better performed by Michael? A review of data sheets should be sufficient provided that there aren't significant increases in the corrosion. Will that be in progress during the 2 days I'm on site?

4) Do you think it will be necessary for any backshift [night] inspection to directly observe critical UT ISI work? That's depends on their inspection schedule which they should be able to provide to you. I haven't seen a detailed schedule. Are they collecting this data on 2 shifts? I don't believe they did in 2006.

Thanks

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