

**John Richmond**

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**From:** Timothy OHara, *RF*  
**Sent:** Monday, September 08, 2008 6:27 AM  
**To:** John Richmond  
**Cc:** John White; Richard Conte  
**Subject:** RE: OC D/W UT Data Analysis

John,

During the 2006 outage, the NRC wanted to see and review Amergen's operability evaluation on the drywell BEFORE we would agree that it was ok for the plant to return to power after refueling. I would suspect that we would, at least, want to see the fully analyzed UT results, and a conclusion that no further corrosion of the drywell has occurred before we would agree they can return to power.

This is all related to how well their aging management program is measuring the actual condition of the drywell. Someone should be checking the monitoring of the sand bed drains and the leakage from the refueling canal during the outage. This was a commitment also in 2006.

Tim OHara

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**From:** John Richmond  
**Sent:** Friday, September 05, 2008 12:09 PM  
**To:** Timothy OHara; Michael Modes  
**Subject:** OC D/W UT Data Analysis

I talked to Pete Tamburro, and got the following description of what he expects NDE and the site to do with the drywell shell UT data, during the outage.

Live Time, described as within a shift or 2,

- 1) compare individual UT readings to old values
- 2) for UT readings in an array, calculate a simple arithmetic average
- 3) compare the simple avg thickness for each array to old values

After the outage is over, and plant back on-line, a more detailed data analysis will be performed, to account for data skewing and non-standard data deviations. Those values will be compared to previous values used in their design basis calculation minimum wall thickness values.

During the OC 2006 outage, did they do the more detailed data analysis before they started-up, or afterwards?

Any thoughts, questions, or recommendations?

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From: Timothy OHara <Timothy.OHara@nrc.gov>  
To: John Richmond <John.Richmond@nrc.gov>  
CC: John White <John.White@nrc.gov>, Richard Conte <Richard.Conte@nrc.gov>  
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