

**Nathan Lafferty**

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**From:** Justin Heinly, *RD*  
**Sent:** Monday, November 17, 2008 8:37 AM  
**To:** John Richmond  
**Subject:** RE: Feeder Status  
**Attachments:** LR Results of Detailed Reviews.doc

John,

Attached is the feeder to the report. I will locate their formal documentation of the assessment. (Should they have formal documentation despite no issues?)

Justin

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**From:** John Richmond  
**Sent:** Sunday, November 16, 2008 7:10 PM  
**To:** Justin Heinly  
**Subject:** RE: Feeder Status

where did they document their assessment?

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**From:** Justin Heinly  
**Sent:** Sunday, November 16, 2008 5:29 PM  
**To:** John Richmond  
**Subject:** RE: Feeder Status

John,

Good Question. They accomplished that through a tag team effort between visual inspections and UT testing. The visual inspection identified areas of corrosion/pitting that was suspect and was subsequently UT tested. Only one area had been identified (NRC) that had four pits that were near min wall thickness, but were considered SAT. Additional UT testing was performed on 2 grids that were previously UT tested in 1R19 (2002) and 1R16 (1996). Comparing the results, there was NO evidence of material loss of the Shell. Therefore they concluded that there was no active corrosion/pitting occurring at a rate that would impact the functional capability of the Iso Cond.

Justin

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**From:** John Richmond  
**Sent:** Sunday, November 16, 2008 5:19 PM  
**To:** Justin Heinly  
**Subject:** RE: Feeder Status

Thanks. just one question ... how did they evaluate the UT data to determine there was no pitting or excessive corrosion?

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**From:** Justin Heinly  
**Sent:** Sunday, November 16, 2008 4:35 PM  
**To:** John Richmond  
**Subject:** Feeder Status

John,

I have completed writing up the feeder (B Iso Cond. NDE) for the report, however I am waiting on two small details (work order & date) for it to be done. I hope to forward the document to you early Monday morning.

Justin

Received: from R1CLSTR01.nrc.gov ([148.184.99.7]) by R1MS01.nrc.gov  
([148.184.99.10]) with mapi; Mon, 17 Nov 2008 08:37:23 -0500  
Content-Type: application/ms-tnef; name="winmail.dat"  
Content-Transfer-Encoding: binary  
From: Justin Heinly <Justin.Heinly@nrc.gov>  
To: John Richmond <John.Richmond@nrc.gov>  
Date: Mon, 17 Nov 2008 08:37:16 -0500  
Subject: RE: Feeder Status  
Thread-Topic: Feeder Status  
Thread-Index: AclIMx6PFxAC9WjYQuqE2xCKhmRyOAABf+ZAAAAhAAAA9I4gAAcEVOA  
Message-ID: <2856BC46F6A308418F033D973BB0EE72AA547F6031@R1CLSTR01.nrc.gov>  
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## Results of Detailed Reviews

### Water Chemistry Management Program

#### Scope of Inspection

The inspectors reviewed the licensee's activities to implement commitment number 24, item 2, of the Oyster Creek NRC License Renewal Safety Evaluation Report. This commitment added the "B" Isolation Condenser Shell into the scope of Oyster Creek license renewal. In addition, it required the licensee to develop a Water Chemistry Management Program to manage the loss of material and crack initiation and growth aging effects.

Non-destructive evaluations (NDE) were performed on the interior of the "B" Isolation Condenser shell to provide reasonable assurance that the aging effects of the water in the shell will not impact the intended safety function of the Isolation Condenser.

The inspectors observed the non-destructive evaluations on the interior of the "B" Isolation Condenser shell and independently reviewed the results. The NDE (work order C2017561-11) included an interior visual inspection of the shell, ultrasonic testing in two locations that were previously UT tested in 1996 and 2002, UT testing in areas of identified pitting and corrosion and spark testing of the final interior shell coating. The inspectors compared the UT results with those measured in 1996 and 2002 to verify the corrosion rates would not impact the operability of the Isolation Condenser. Also, the UT results were reviewed against the minimum wall criteria for the Isolation Condenser shell.

#### Findings and Observations

No findings of significance were identified. The inspectors identified no instances of inadequate implementation of the Water Chemistry Management Program.

