

OHara, Timothy

From: OHara, Timothy *RI*  
Sent: Saturday, April 10, 2010 11:00 AM  
To: 'Berrick, Howard G.'  
Cc: Conte, Richard; Schroeder, Daniel  
Subject: RE: Questions on AF Piping Repair

Hello Howard,

Thanks. Do you have an estimate of the milestones and complete schedule for this effort?

Tim OHara

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**From:** Berrick, Howard G. [mailto:Howard.Berrick@pseg.com]  
**Sent:** Saturday, April 10, 2010 6:55 AM  
**To:** OHara, Timothy  
**Cc:** Conte, Richard; Schroeder, Daniel  
**Subject:** RE: Questions on AF Piping Repair  
**Importance:** High

Tim,

I have forwarded your email to Len so that he has your email address and phone number.

I will enter the questions you asked in our tracking database to ensure responses are not missed.

Howard

Howard Berrick  
**PSEG Nuclear LLC**  
**Salem Regulatory Assurance**  
**PSEG Nuclear - Salem Generating Stations**  
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**From:** OHara, Timothy [mailto:Timothy.OHara@nrc.gov]  
**Sent:** Saturday, April 10, 2010 9:29 AM  
**To:** Berrick, Howard G.  
**Cc:** Conte, Richard; Schroeder, Daniel  
**Subject:** Questions on AF Piping Repair

Hello Howard,

I'm just catching up with the information Len presented in the brief yesterday. Can you please ensure that Len has my NRC email address and copies me on all information on the AFW piping issue? Thanks.

Regarding the proposed repair we heard about yesterday:

*D-19*

- (1) I'm assuming this will be a Section XI repair. If not please clarify what part of the code is being followed.
- (2) Does PSEG anticipate the need for relief request from any Code requirements? Has PSEG determined that this proposed repair conforms with 10 CFR 50.55a?
- (3) Assuming this will be a Section XI repair please provide the Section XI Repair Plan for my review? Please include all referenced drawings and procedures, including necessary analyses to support the plan.
- (4) I'm very interested in knowing how PSEG will determine future corrosion rates to apply. Please provide details on how this will be determined. If a linear rate is used, please show the basis for doing so.
- (5) Can you please verify that all wall thickness measurements used in the FEA analysis will be determined via Code qualified UT measurements?
- (6) Please describe, in detail, how the Guided Wave measurements will be used by the FEA?
- (7) Regarding the FEA, please be prepared to provide detail on the remaining margins in the AF piping design and how this degradation has affected the margin.
- (8) What system design pressure will the FEA assume? Will the present design pressure of 1950 psi be maintained?
- (9) Please provide information on the new coating which I'm assuming will be applied to the piping? What is the life of the coating? What re-inspection period will PSEG use for future inspections?

I'm not looking for immediate answers but will look at whatever you can provide as soon as I receive it. Email will be fine. If we need a conference call on any of this I'm available. Call me at (b)(6)

Tim OHara