

**Schroeder, Daniel**

**From:** Schroeder, Daniel *RT*  
**Sent:** Monday, April 12, 2010 10:22 AM  
**To:** Brown, Michael  
**Subject:** RE: Update - Salem - AFW buried piping Issues

Mike,

This looks OK to me.

Dan

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**From:** Brown, Michael *NR*  
**Sent:** Monday, April 12, 2010 9:46 AM  
**To:** Burritt, Arthur; Conte, Richard; OHara, Timothy; Cline, Leonard; Schroeder, Daniel; Balian, Harry  
**Subject:** Update - Salem - AFW buried piping Issues

Rich and Art, et al,

This is what I was planning to report on the Salem AFW piping issue. Let me know if it's ok or I should change anything.

**1) Update - Salem – AFW buried piping Issues**

The licensee has decided to replace the approximately 150' of AFW piping on Salem Unit 1 (currently in a refueling outage) that is relatively shallow (< 5 feet) and has been determined to be degraded. The licensee is doing a finite element analysis to evaluate the structural integrity of the piping. The licensee is also evaluating other AFW piping that is buried deeper and is more difficult to access.

In addition, the licensee is performing an operability determination to assess the operability of the Unit 2 piping and to look at Unit 1's operability over the last cycle. The licensee's preliminary analysis indicated that this was not an immediate safety concern on Unit 2 based on previous data indicating that Unit 2 piping had less degradation than Unit 1 piping. The Region has an ISI inspector onsite as part of normal baseline inspection activities and he is reviewing the licensee's analysis. Additional resources from headquarters are assisting as needed. (Continue to follow, forward to TRG Lead for Auxiliary Feedwater (S. Gardocki), Buried Piping POC (B. Hardies); assigned to Mike Brown)

**Previous**

It was reported on Friday that while performing inspections as part of their buried pipe program at Salem Unit 1, the licensee determined that several AFW piping measurements were below min wall thickness. This only affects AFW piping headers 12 and 14. AFW headers 11 and 13 are not buried and are not affected.

Thanks,

Mike

Mike Brown  
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