

**Ziev, Tracey**

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**From:** Burritt, Arthur *AB*  
**Sent:** Monday, April 12, 2010 10:00 AM  
**To:** Balian, Harry; Cline, Leonard; DeBoer, Joseph; Douglas, Christopher; Ennis, Rick; Johnson, Jonathan; Kern, Ludwig; Miller, Ed; Moore, Ross; Patel, Amar; Raymond, William; Schroeder, Daniel; Turilin, Andrey; Welling, Blake  
**Subject:** Branch 3 Status - 4/12/10  
**Attachments:** B3-Status 4-12-10.doc

See attached

Reminder - Dave Lew plans to visit Salem on 4/15/10 during the outage. I am sure he will want a containment tour and to see the AFW piping work, so please plan accordingly.

Additionally, if Tim O'hare could attend our 7:30 am meeting it would be helpful for AFW communication.

D-30

OUTSIDE SCOPE

**BRANCH 3  
DAILY  
STATUS**

Outside of Scope

4/12/10

Highlighted items were discussed at DRP/DRS Coordination meeting  
BOLD items are new

Outside of Scope

OUT

**SALEM ONE**

Weekend Coverage:

AL1=(9X)>0.07

AL2=(2of3)>0.11

AL3=(1X)>0.13

Outside of Scope

**AFW Piping Degradation**

- Buried AFW piping to the 12 and 14 S/Gs appears to have significant degradation of the protective coating and piping. The preliminary guided wave inspection results indicate that the ASME Class 2 piping is degraded below min wall. The pipe is schedule 80 4" inside diameter carbon steel piping with a coal tar type coating that appears to been hand applied. The piping run of concern involves about 150 ft of pipe that is buried at depths ranging from 4 ft adjacent to the out side of containment to 17 ft deep in a covered area adjacent to the containment
- The UT results confirmed the guided wave results. Engineering determined they could not support operability of the piping through the next cycle. PSEG is planning to replace the shallow section of affected piping and **performing further evaluations of the deep piping with a contingency to replace if needed.** Engineering evaluating above or below ground installation and expects a decision on 4/9/10. **Piping repairs scheduled for completion on 4/25.**
- EOC - Unit 2 has greater margin new plant is presumably in better condition; documentation exists that proves the piping was opened and inspected ~10 years ago and found to be in pristine condition; ISI code gives more allowance to an operating unit (they can take credit for up to 90% of the yield stress). DRS has provided access to the information and will review. PSEG is currently evaluating need for inspections of the piping at Unit 2 and expects a decision to be made by Monday (4/12). On each unit there are three safety-related systems with buried piping (ASW, SW and control air).
- **PSEG has begun evaluation of past operability for Unit 1 including a finite element analysis; expect to have conclusions on 4/12; Based on results consider whether MC 0309 entry conditions are met (if piping was inop need to perform an MC 0309 review)**

**Degraded Equipment**

Outside of Scope

Outside of Scope

