

Salem 1R20  
NRC Items of Interest  
Punchlist

Salem NRC Punchlist									
Ref #	NRC Inspector	Issue	Action Req'd	Comments	Issue Owner	Assign Date	Target Closure Date	Cmplt [y/n]	Date Cmplt'd
1	Dan	13 AFP Full Flow Test results	NRC resident looking for results - requested from Operations staff (G> Stockwell) Need by Thursday 04/08.	Per G. Stockwell x3846, NRC resident will pick-up what is available on Thursday if 'acceptance criteria' issue is not resolved. UPDATE: Delivered copy of current SAP 50117768 to inspector- this activity is still open pending engineering disposition and procedure revision	Operations G. Stockwell	4/5/10	4/8/10	y	4/8/10
2	Tim	Containment Liner	PSEG will be trimming back selected sections of the lagging. The inspector asked if the trimming of lagging had been evaluated. Is there a evaluation available.	Discussed with Tim Giles - trimming of lagging is to excess lagging and not to lagging protecting liner insulation. No impact to design intent of lagging.	Engineering A. Fakhar	4/5/10	4/6/10	y	4/6/10
3	Dan	Mode Ops Schedule	Resident would like update on change in schedule for MODE Ops test.	Update provided	Regulatory Assurance	4/5/10	4/6/10	y	4/7/10
4	Dan	RHR "Void" in Pipe	The suspected air void area was UT'd. Results were pipe water solid. NRC question is where is void? What is engineering's plan?	L. Rajkowski discussed with NRC resident. The UT results of water solid confirmed that the air introduced into the RHR system was most probably the result of calibration practice. Valve that previously controlled by I&C will now be controlled by Operations to reduce possibility of air introduction.	Engineering L. Rajkowski	4/5/10	4/6/10	y	4/6/10
5	Dan	Solar Magnetic Disturbances [SMD]	What actions did Salem take as result of recent notification of SMD. What readings taken? Communication with PJM?	Need ops to talk to actions taken [Discussed briefly with J. Wearne. He overheard the RO conversation with the PJM on SMD notification. Shift broke out procedures and determined that no action was required based on action level.] Talked with J. Osborne. The call received by the shift was a 'warning'. The shift reviewed AB GRID just in case a higher action level was required. hgb	Operations R. Bernard	4/5/10	4/6/10	y	4/6/10
6	Dan	14 CFCU Past Operability	With the recent notification written on noise from 14 CFCU resident ask about Past Operability? Need to follow-up with NRC on this question [20456811 - Noise from 14 CFCU during Mode III Test]	L. Rajkowski discussed with NRC resident. The 14 CFCU is considered OPERABLE. This is not a bearing failure; it was a grease seal that was cracked. [20456718]	Engineering L. Rajkowski	4/5/10	4/6/10		
7	Dan	SW Strainers	Is 11 SW Strainer a problem child? Also, 14 strainer had issues. NRC resident would like discussion on these recent SW Strainer issues [20456891 - 14 SW Pump Strainer DP High 20456942 - 11 SW Pump Strainer High D/P]	L. Rajkowski discussed 14 SW Strainer issue-- drum not turning. Strainer did operate prior to Mode Ops test [tripped during Mode Ops test]. NOTE: The 11 SW Strainer is not a problem child. UPDATE: The failure is attributed to a contactor failure. Contactor has been quarantined.	Engineering L. Rajkowski	4/5/10	4/6/10		
8		Set up debrief meeting with Ed Eilola.	Set-up meeting for prior to 1430 when Art will be leaving site for EERC.	Meeting set for 1430 Tuesday 4/6 in NRC CR. Update: Meeting is postponed until Art's next visit.	Salem R.A. H. Berrick	4/5/10	4/6/10	y	4/6/10
9	Tim	Documentation Request	Provide documentation for the 59 selected notifications	All orders have been provided .	Salem R.A. H. Berrick	4/6/10	4/7/10	y	4/7/10
10	Dan/Art	Documentation Request	Provide copy of marked up drawing 207483 for buried AFW pipe in yard	Engrg to provide	Engineering L. Rajkowski	<del>4/6/10</del>	4/6/10	y	4/6/10

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11	Dan	Tritium Issue [20457285]	Continue to update NRC Inspector		Engineering L. Rajkowski	4/6/10	>>>		
12	Tim	CJP for 15 FW Htrs	Order 60064104 provided to inspector didn't have CJP information - Need to get actual documentation	B. Petrowski researching information	Salem R.A. H. Berrick	4/7/10	4/8/10	y	4/7/10
13	Tim	AFW Buried Pipe [20457262]	Provide vendors guided wave inspection procedure, the individuals qualifications and any data reported to PSEG [to date]	Information provided by R. Montgomery. He is also available for follow-up questions.	Engineering L. Rajkowski	4/7/10	4/8/10	y	4/8/10
14	Tim	AFW Buried Pipe [20457262]	Provide PSEG Inspection procedure	Information provided by R. Montgomery.	Engineering L. Rajkowski	4/7/10	4/8/10	y	4/8/10
15	Tim	AFW Buried Pipe [20457262]	Need information requested from Sam Speer on buried pipe program	04/07 - In afternoon, the inspector informed S. Speer that he had what he needed.	Engineering L. Rajkowski	4/7/10	4/8/10	y	4/7/10
16	Tim	AFW Buried Pipe [20457262]	Was the area excavated sampled for tritium?	No but it is within the recognized tritium plume area	Engineering G. Cranfield L. Rajkowski	4/7/10	4/8/10	y	4/8/10
17	Dan	1A EDG Failed to Shutdown [20457535, 20457965]	Resident is following this based on recent failure to start on Unit 2. Are PMs adequate?	This failure would not have prevented the failure of the EDG to start. This failure was the SRA relay Visual inspection began in 2005 timeframe - Need to keep Inspector informed of ACE progress. Update: This 1A EDG failure to stop has been allocated to an existing ACE for the 2A EDG failure to stop.	Engineering L. Rajkowski	4/7/10			
18	Tim/Rich	AFW Buried Pipe [20457262]	Can we review Program Manual on Buried Pipe. NRC would like to understand what is in program [database].	R. Montgomery to provide document and discussion.	Engineering L. Rajkowski	4/7/10	4/8/10	y	4/8/10
19	Dan	1RH26 failed to Close [20457106]	What is implication of this failure - Need information	Discussed with J. Wearne: Valve normally closed during operation. This is CIV that is stroked during outages. In accident, valve could be opened	Engineering L. Rajkowski	4/7/10	4/8/10		
20	Dan	New Inspector to Observe Refueling	D. Schroeder asked that we ensure that any/all necessary briefings be arranged for the visiting inspector.	Jim Lewis met with inspector and will accompany she and Harry Balian to the refueling deck and make sure that things run smoothly.	Engineering L. Rajkowski	4/8/10	4/8/10	y	04/08/10
21	Tim	AFW Buried Pipe [20457262]	Inspector looking for copy of the OE for AFW Buried pipe.	Art Garcia is drafting OE. UPDATE: 70108696 0040 OE posted 4/10/10.	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/12/10
22	Tim	AFW Buried Pipe [20457262]	What was reason for the 1994 pipe excavation?	In 1994, NRC resident (J. Schoppy) challenged PSEG on whether water that was note in penetration area was ground water or AFW. PSEG excavated pipe to answer the question.	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/09/10
23	Tim	AFW Buried Pipe [20457262]	There is a grid shown on one the 4" pipe excavated. Inspector would like a copy of measurements taken?	Information provided to inspector	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/09/10

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24	Dan	SW Pipe Inspections	Inspector requested inspection report on reported 14" of mud found in the 11 Nuclear Header.	Information provided by Calvin King and forwarded to NRC inspector. 04/12 UPDATE: As-Found mud did not impact operability. Need copy of WO documenting mud and MPR generic report that analyzes the accumulation of mud/silt in the header.	Salem R.A. H. Berrick	4/9/10	4/9/10	y	04/09/10
25	Tim	AFW Buried Pipe [20457262]	What is the soil difference between yard and 'no mans land' area?		Engineering L. Rajkowski	4/9/10	4/12/10		
26	Tim	AFW Buried Pipe [20457262]	Are there any photos of 1994 'repaired' Unit 2 AFW piping?	No photo's after repair.	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/12/10
27	Tim	AFW Buried Pipe [20457262]	Is there a legible copy of the letter provide - dates not clear	Not with Engineers - If needed, we can try to see if we can obtain better copy from microfiche	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/12/10
28	Tim	AFW Buried Pipe [20457262]	Inspector would like copies of references in letter, i.e., 218233-A-8902R10 & SPS28/54 Rev. 3	Copies provided	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/12/10
29	Tim	AFW Buried Pipe [20457262]	In 1994 when discovered, how long had coating been on the pipe? Inspector would like to see QC records of what was put on pipe and what it was good for [in years].	Since construction [Roughly 1976 timeframe +/- a year-)	Engineering L. Rajkowski	4/9/10	4/12/10		
30	Tim	AFW Buried Pipe [20457262]	Was a CR in 1994 initiated? [old ATS or PIRS]	NO. No CR was written. A WO was written for excavation;. There was no ATS or PIRS located for removed pipe coating for UT exam or by any coatingdamaged by excavation.	Engineering L. Rajkowski	4/9/10	4/12/10	y	04/20/10
31	Tim	AFW Buried Pipe [20457262]	For repair in 1994, is there any documentation of what was actually used and what QC records after it was buried?	W/O 941017262 Activity 04 was issued to recoat the pipe after UT testing. The coating used was Bitumastic 50. Instructions for coating provided in W/O. <b>Looking for QC records</b>	Engineering L. Rajkowski	4/9/10	4/12/10	(y)	
32	Tim	AFW Buried Pipe [20457262]	How long was 1994 repair designed to last?		Engineering L. Rajkowski	4/9/10	4/12/10		
33	Tim	AFW Buried Pipe [20457262]	In 1994, when repair was done, were future inspection requirements established to check coating? Was repaired pipe re-inspected?		Engineering L. Rajkowski	4/9/10	4/12/10		
34	Tim	AFW Buried Pipe [20457262]	In 1994, was there a corrosion rate calibrated based on time in ground and was this applied going forward to determine how long it would last?		Engineering L. Rajkowski	4/9/10	4/12/10		
35	Tim	AFW Buried Pipe [20457262]	Was remaining wall thickness calculated in 1994?	No	Engineering L. Rajkowski	4/9/10	4/12/10		
36	Tim	AFW Buried Pipe [20457262]	What percent of pipe inspected in 1994? If only three locations, is it representative of total length?	Only specific locations were inspected. Lining appear intact except those areas that were repaired - this could be indicative of the pipe coating being effective in protecting buried pipe. Specific locations	Engineering L. Rajkowski	4/9/10	4/12/10		
37	Tim	AFW Buried Pipe [20457262]	For Unit 1, what percent of current pipe is unsatisfactory?	[Per NRC Inspector - question withdrawn]	Engineering L. Rajkowski	4/9/10	4/12/10		

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38	Tim	AFW Buried Pipe [20457262]	For Unit 1, what % of total buried pipe length is inspected?	[Per NRC Inspector - question withdrawn]	Engineering L. Rajkowski	4/9/10	4/12/10		
39	Dan	CCHX Testing	Inspector would like copy of 12 CCHX testing.	CM-SC-1990-591 CCHX Therm. Perf. Testng revised the frequency of the CCHX testing. Testing of 11 CCHX was not performed this outage - it will be tested in 1R21. G. Pahwa/H.Berrick	Engineering G. Pahwa L. Rajkowski	4/9/10	4/12/10	y	4/12/10
40	Tim	AFW Buried Pipe [20457262]	Inspector is assuming any repairs will Section XI repair. If not please clarify what part of the code is being followed.	The repairs will be in accordance with PSEG's Nuclear Repair Plan (ER-SH-330-0009) to assure compliance with 10CFR.55a and Section XI division 1 of the ASME B&PV code.	Engineering L. Rajkowski	4/10/10	4/12/10	y	4/12/10
41	Tim	AFW Buried Pipe [20457262]	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?	No relief request is anticipated. The repairs will be in accordance with PSEG's Nuclear Repair Plan (ER-SH-330-0009) to assure compliance with 10CFR.55a and Section XI division 1 of the ASME B&PV code.	Engineering L. Rajkowski	4/10/10	4/12/10	y	4/12/10
42	Tim	AFW Buried Pipe [20457262]	Assuming this will be a Section XI repair, please provide the Section XI Repair /Replacement Plan for my review? Please include all referenced drawings and procedures, including necessary analyses to support the plan.	The disposition of the nonconforming piping is expected to be replacement of the piping in accordance with the original design and construction code or an accept-as-is disposition using a rigorous ASME Section III NB-3200 analysis. All documents will be available or supplied for your convenience. There may be a piping reroute. This will be done using the change package process.	Engineering L. Rajkowski	4/10/10	4/12/10		
43	Tim	AFW Buried Pipe [20457262]	How will PSEG 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.	All buried auxiliary feedwater piping that is suspected of being in a degraded condition or is susceptible to corrosion will be excavated and coated with a multi-coat epoxy system. Therefore, no corrosion rate is being predicted. The piping systems are included in the PSEG buried piping program and will be inspected at intervals required by this program. The program document, ER-AA-5400-1002, and NACE RP0502 provide guidance on pitting rates to determine inspection interval.	Engineering L. Rajkowski	4/10/10	4/12/10	y	4/12/10
44	Tim	AFW Buried Pipe [20457262]	Can you please verify that all wall thickness measurements used in the FEA analysis will be determined via Code qualified UT measurements?	The rigorous analysis is using UT measurements. All requirements of PSEG procedure OU-AA-335-004 for UT measurements are being implemented. This procedure implements Code requirements.	Engineering L. Rajkowski	4/10/10	4/12/10	y	4/12/10
45	Tim	AFW Buried Pipe [20457262]	Please describe, in detail, how the Guided Wave measurements will be used by the FEA?	No guided wave measurements are being used as input to the rigorous analysis of the piping system.	Engineering L. Rajkowski	4/10/10	4/12/10	y	4/12/10
46	Tim	AFW Buried Pipe [20457262]	Regarding the FEA, please be prepared to provide detail on the remaining margins in the AF piping design and how this has affected the margin.		Engineering L. Rajkowski	4/10/10	4/12/10		

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47	Tim	AFW Buried Pipe [20457262]	What system design pressure will the FEA assume? Will the present design pressure of 1950 psi be maintained?	The rigorous analysis may use a recalculated design pressure based on the maximum credible operating pressure of the system. If the present design pressure of 1950 psi is not used, its basis will be provided in the accept-as-is, interim disposition of the nonconformance prepared in accordance with CC-AA-11. This will include technical evaluation, operability determination, and 10CFR50.59 review. UPDATE: Pipe is being replaced. Answer to question on 1950 psi is YES.	Engineering L. Rajkowski	4/10/10	4/12/10	y	4/12/10
48	Tim	AFW Buried Pipe [20457262]	Assuming a coating will be applied to the piping, brackets, supports, etc., please provide information on the new coating? What is the life of the coating? What re-inspection period will PSEG use for future inspections?	A coating system has not been chosen. A multi-coat epoxy system with significant useful life is expected. The inspection frequency will be in accordance with the buried piping program.	Engineering L. Rajkowski	4/10/10	4/21/10		
49	Tim	AFW Buried Pipe [20457262]	Provide schedule of replacement activities to NRC inspector when available.	Excavation schedule provided 4/12/2010; repair/replacement - the scope of pipe changeout is in flux	Engineering L. Rajkowski	4/10/10	4/12/10		
50	Harry	1A VIB	Provide copy of work package	Hard copy of work order package provided.	Maintenance T. Carucci	4/11/10	4/12/10	y	04/12/10
51	Harry	RHR cross-connect vent valves DCP	Provide DCP for RHR cross-connect vent valves	Provide copy of DCP 80097737	Salem R.A. B. Thomas	04/11/10	04/11/10	y	04/11/10
52	Tim	AFW Buried Pipe [20457262]	Please provide a copy of the original AFW piping design specification	SPS54, Auxiliary Feedwater pipe spec provided	Engineering L. Rajkowski	04/12/10	04/13/10	y	04/13/10
53	Tim	AFW Buried Pipe [20457262]	Please provide a copy of the original AFW piping installation procedure.		Engineering L. Rajkowski	04/12/10	04/13/10		
54	Tim	AFW Buried Pipe [20457262]	Please provide all of the assumptions which will be used in the FEA: What sensitivity analyses will be performed to test these assumptions?		Engineering L. Rajkowski	04/12/10	04/13/10		
55	Tim	AFW Buried Pipe [20457262]	Please provide the FSAR design basis and system description for the original AFW system?		Engineering L. Rajkowski	04/12/10	04/13/10		
56	Tim	AFW Buried Pipe [20457262]	Please provide all design loads used in the original design of the AFW system.		Engineering L. Rajkowski	04/12/10	04/13/10		
57	Tim	AFW Buried Pipe [20457262]	Please provide all design loads which will be used on the new FEA.		Engineering L. Rajkowski	04/12/10	04/13/10		
58	Tim	AFW Buried Pipe [20457262]	Does PSEG consider the use of FEA a change in a calculational method? Has a 50.59 review and/or evaluation been completed? If so can PSEG please provide a copy?		Engineering L. Rajkowski	04/12/10	04/13/10		
59	Tim	AFW Buried Pipe [20457262]	Please provide the basis for the 1950 psi design pressure for the AFW system.		Engineering L. Rajkowski	04/12/10	04/13/10		

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60	Tim	AFW Buried Pipe [20457262]	What portions of the AFW system will have the design pressure changed to 1275 psi? What accident analyses have been completed to support this change of design pressure?		Engineering L. Rajkowski	04/12/10	04/13/10	y	
61	Tim	AFW Buried Pipe [20457262]	If the design pressure is changed to 1275 psi how will PSEG ensure that this pressure is not exceeded? Will this change have an affect on existing accident analyses?		Engineering L. Rajkowski	04/12/10	04/13/10		
62	Tim	AFW Buried Pipe [20457262]	If the AFW system design pressure is changed from 1950 psi to 1275 psi, please quantify and explain in detail the change in accident analysis margin?		Engineering L. Rajkowski	04/12/10	04/13/10		
63	Tim	AFW Buried Pipe [20457262]	Does PSEG anticipate changing the system design pressure for <u>all</u> 4 AFW supply headers?	Not at tyhis time	Engineering L. Rajkowski	04/12/10	04/13/10		
64	Tim	AFW Buried Pipe [20457262]	Can you confirm that the present AFW piping was the originally installed piping during plant construction?	The present AFW pipe is the original piping installed during plant construction. Hgb	Engineering L. Rajkowski	04/12/10	04/13/10		
65	Tim	AFW Buried Pipe [20457262]	Has this latest incident been the only known corrosion discovered on the AFW piping on either Salem Unit 1 or Unit 2?	Yes.	Engineering L. Rajkowski	04/12/10	04/13/10		
66	Tim	AFW Buried Pipe [20457262]	Is this the first time the AFW buried piping <u>has been replaced</u> for either unit?	Yes. This is the first time for either unit that buried Auxiliary Feedwater piping was replaced.	Engineering L. Rajkowski	04/12/10	04/13/10	y	04/12/10
67	Tim	AFW Buried Pipe [20457262]	Inspector would like to borrow a copy of the Buried Pipe program book for a call he will be on this afternoon [04/12]	Buried Piping program book loaned to NRC inspector	Engineering R. Montgomery L. Rajkowski	04/12/10	04/13/10	y	04/12/10
68	Tim	Containment Liner	Inspector requested copy of notification issued on Containment Liner.	Notification 20457877 provided	Salem R.A. H. Berrick	4/12/10	4/13/10	y	04/12/10
69	Tim	AFW Buried Pipe [20457262]	Inspector would like copy of <u>all</u> UT measurements taken of the existing AFW pipe	R. Montgomery provided (via email) latest measurements of AFW pipe 4/14	Engineering R. Montgomery L. Rajkowski	4/12/10	4/13/10		
70	Tim	Containment Liner	What are our plans for blister containment liner at location A15?	Information provided to Inspector - no issues with planned work noted.	Engineering E. Giles L. Rajkowski	4/12/10	4/13/10		
71	Dan	Containment Liner	Provide overview of liner inspection results	Tim Giles will attend NRC/PSEG meeting at 315 on 4/15/10.	Engineering E. Giles L. Rajkowski	4/13/10	4/14/10	y	04/05/10
72	Dan	AFW Buried Pipe [20457262]	Provide FEA to resident	As of 04/19 FEA not available to RA yet. UPDATE: FEA provided to NRC this copy did not	Engineering L. Rajkowski	4/14/10	4/19/10		
73	Tim	AFW Buried Pipe [20457262]	Provide FEA to inspector, also any Op Evaluations being prepared for past operability and future operation	As of 04/19 FEA and OpEvals not available to RA yet	Engineering L. Rajkowski	4/14/10	4/19/10		

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74	Dan	13BF22 Outage Work	What is background on this valve. Why is the valve work in the outage?	Information provided - This was a planned work. No issue.	Salem R.A. H. Berrick	4/14/10	4/16/10	y	04/16/10
75	Tim	AFW Buried Pipe [20457262]	Provide inspector all inputs for structural integrity analysis (SIA).	After the Transmittal of Design Information (TODI) for inputs is complete, information will be provided to the NRC inspector. 041910 UPDATE: received electronic copy of the AFW TODI. It is noted that this TODI was prepared last Friday (04/16/10) and it does not include additional data related to 0.077" deep spot at AF support location identified 04/18/10. UPDATE: Provided additional inputs from 04/18/10 to inspector.	Engineering M. Ahmed L. Rajkowski	4/14/10	4/15/10	y	04/20/10
76	Tim	Containment Liner	In the Salem Unit 2 Fall Outage [2R17], a photo shows a blistered Unit 2 liner above the rusted liner channel. How was the blistering addressed? Was a notification written?	Research indicated a specific notification for the liner blistering in the photo [78 El B15-B16 area] was not written. Notification 20459259 written	Engineering E. Giles L. Rajkowski	4/14/10	4/15/10		
77	Tim	AFW Buried Pipe [20457262]	Inspector requested a complete copy of the repair package for AFW piping.		Engineering L. Rajkowski	4/16/10	4/20/10		
78	Tim	S/G Inspection	Inspector looking for all technician qualifications	P. Fabian has provided documentation for inspector review	Engineering P. Fabian	4/19/10	4/19/10	y	
79	Tim	S/G Inspection	Inspector needs copy of Salem Unit 1 Condition Monitoring for 1R20 and Prelim Operational Assessment for Cycle 21 and 22 report.	Report in progress - required for Mode 4 - will provide copy to inspector when completed	Engineering P. Fabian	4/19/10	4/21/10	y	
80	Tim	AFW Buried Pipe [20457262]	Requested copy of information Len had provided.	Provided copies of following to Inspector : One-page 'Evidence of Exterior Coating was Applied to the Buried Aux. Feedwater Piping, SPS54 [Auxiliary Feedwater]; SPS28 [Underground Service Water, Fresh and Salt water in Yard.], Dwg. 207483 R11, NC.NE-TS.ZZ-6605 Coating System and Color Schedules.	Engineering L. Rajkowski	4/19/10	4/20/10	y	
81	Tim	AFW Buried Pipe [20457262]	Inspector would like to talk to A. Fakhar RE: Fuel Transfer tube inspections, sheet piling inspections, etc. Inspector would like to see actual drawings of the area.	LMTCB and sent email @pm 4/20	Engineering A. Fakhar	4/19/10	4/20/10	y	4/20/10
82	Dan	Fatigue Management	Inspector requested the following: Waiver requests, self declarations; completed fatigue assessments (Outage to date)	E. Villar will handle this	Regulatory Assurance	4/19/10	4/20/10	y	4/20/10

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83	Tim	BAC Program	Inspector has requested the following: (1) Copy of the BACC program document and the latest self-assessment of the program. (2) 5 Notifications from this outage showing the most significant boric acid leaks detected and hoe they were resolved. (3) 5 evaluations completed as a result of Notifications written this outage. (4) 2 repairs completed as a result of Notifications written this outage.	Email to W. Wikoff	Engineering K. Collville W. Wikoff	4/19/10	4/20/10	y	4/23/10
84	Tim	AFW Buried Pipe [20457262]	Inspectors T.OHara & H.Gray requested drawings related to buried AFW piping and Fuel.Transfer Canal.	A few general arrangement drawings of 204803-208812 series were provided. In addition fuel transfer tube drawings VTD 108303 & Hanger detail 212591 for this tube was provided.	Engineering M. Ahmed L. Rajkowski	4/19/10	4/20/10	y	
85	Dan	EDG Start / Not Load	Inspector would like copty of PROMPT insvestigation	Copy of prompt provided	Salem RA	4/19/10	4/20/10	y	4/20/10
86	Art	AFW Buried Pipe [20457262]	Branch Chief stated that this is sensitive issue with NRC and looking for Salems' feedback back to Dan and Tim on assessment of Unit 1 Past Operability and Unit 2 current Operability		Engineering L. Rajkowski	4/19/10	4/20/10		
87	Tim	Containment Liner	For the section that was trimmed back, do we have an evaluation stating this 'trimming' was okay? [Ref #2]		Engineering T. Giles	4/20/10	4/21/10		
88	Tim	AFW Buried Pipe [20457262]	Of the three (3) areas repaired, are there any photos of 1994 'repaired' Unit 2 AFW piping other thn the one photo seen by inspector?		Engineering L. Rajkowski	4/20/10	4/21/10		
89	Tim	AFW Buried Pipe [20457262]	Have you checked UFSAR for coating requirements? What about GDC's for Buried Pipe 9e.g. 44 - 46)?		Engineering L. Rajkowski	4/20/10	4/21/10		
90	Tim	AFW Buried Pipe [20457262]	For Unit 1 CA and SA, what % of total buried pipe length is inspected?		Engineering L. Rajkowski	4/20/10	4/21/10		
91	Tim	AFW Buried Pipe [20457262]	How long was original coating designed to last?		Engineering L. Rajkowski	4/20/10	4/21/10		
92	Tim	AFW Buried Pipe [20457262]	How is PSEG handling future corrosion rates?		Engineering L. Rajkowski	4/20/10	4/21/10		
93	Tim	AFW Buried Pipe [20457262]	Please provide copy of documentation for new coating on piping and how long coating is good for.		Engineering L. Rajkowski	4/20/10	4/21/10		
94	Harold	AFW Buried Pipe [20457262]	Salem Unit 1 coating - What are parameters for coating? How do we know it will meet our needs?		Engineering L. Rajkowski	4/20/10	4/21/10		
95	Harold / Tim	AFW Buried Pipe [20457262]	Does Hope Creek know about their piping? What is buried at HC? HPSI / RCSI Have these p[iping systems been evaluated?	Hope Creek aware of salem issues. M. Murray will speak to inspectors - HC to set up a meeting.	M. Murray	4/20/10	4/21/10	y	4/21/10



Salem 1R20  
NRC Items of Interest  
Punchlist

Salem NRC Punchlist									
Ref #	NRC Inspector	Issue	Action Req'd	Comments	Issue Owner	Assign Date	Target Closure Date	Cmplt [y/n]	Date Cmpltd
96	Harold	AFW Buried Pipe [20457262]	There are pipe clamps still on Air lines. Whats going on with these lines	LR aware of this question	Engineering L. Rajkowski	4/20/10	4/21/10		
97	Tim	Containment Liner	When Salem Unit 2 liner has been cleaned and UT'd, please provide results.	UT results provided to NRC	Engineering T. Giles	4/20/10	4/21/10	y	4/21/10
98	Tim	AFW Buried Pipe [20457262]	Can inspector get a schedule of the remainder of the outage, including buried pipe work?	Copy of 3 day look-ahead schedule provided.	Salem RA	4/20/10	4/21/10	y	4/21/10
99	Tim	AFW Buried Pipe [20457262]	Bad coating vs no coating - where is notification on the pipe.	HGB to write notification today UPDATE: Notification 20459939 issued	Salem RA	4/21/10	4/22/10	y	4/21/10
100	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs signed off copies of the following information to wrap up his inspection: SH.MD-SP.ZZ-0010 (Q), R3 General Application of Enercon Products, from Sat 4/24		Salem Project Manager	4/26/10	4/27/10		
101	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs signed off copies of the following information to wrap up his inspection: Buried piping hydro from Sat/Sun, 4/24 and 4/25.	Copy provided 4/26/10	Salem Project Manager	4/26/10	4/27/10	y	
102	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs signed off copies of the following information to wrap up his inspection: Notification 20458925 [60089575, Repair Control Air Line Leak (1-CA-2324)], and 20458761 [60089561, 1R20 CA Buried Pipe Coating Repair]	Copies of Notification 20458925 [60089575, Repair Control Air Line Leak (1-CA-2324)], and 20458761 [60089561, 1R20 CA Buried Pipe Coating Repair] provided to NRC these were not signed off copies but copies reflected current status in SAP. The completed orders are being processed.	Salem Project Manager	4/26/10	4/27/10	y	
103	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs signed off copies of the following information to wrap up his inspection: Backfill procedure verifying that cure times have been met.		Salem Project Manager	4/26/10	4/27/10		
104	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs signed off copies of the following information to wrap up his inspection: All weld records for the welded AFW pipe.	Copies of weld information provided	Salem Project Manager	4/26/10	4/27/10		
105	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs the following information to wrap up his inspection: What is the material holding the pipes (clamp material)?	The clamp material was carbon steel.	Salem Project Manager	4/26/10	4/27/10		
106	Tim	AFW Buried Pipe [20457262]	NRC ISI Inspector needs signed off copies of the following information to wrap up his inspection: For Order 60089575 [REPAIR CONTROL AIR LINE LEAK (1-CA-2324)], activity 0060 [1-CA-2414: LEAK TEST], need to see signed copy of this work?	The package is being updated to provide additional clarifying information on what was done in completing the test.	Salem Project Manager	4/26/10	4/27/10		
107	Tim	AFW Buried Pipe [20457262]	Inspector requested copy of TE on Control Air	Copy provided.	Salem R.A.	4/26/10	4/26/10	y	
108	Tim	AFW Buried Pipe [20457262]	Inspector requested contact for Control Air system.	This discussion will be handled by Alan Johnson.	Salem R. A.	4/26/10	4/27/10		

Salem 1R20  
NRC Items of Interest  
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SL STW

Salem NRC Punchlist									
Ref #	NRC Inspector	Issue	Action Req'd	Comments	Issue Owner	Assign Date	Target Closure Date	Cmplt [y/n]	Date Cmplt'd
109	Tim	AFW Buried Pipe [20457262]	Inspector looking for AFW leak procedure that was performed on 4/26-27.	Contacted DZ Supervisor - he will either retrieve completed procedure if his people performed the leak test or let me know what group did the test.	Salem R.A.	4/27/10	4/28/10		
110	Tim	AFW Buried Pipe [20457262]	Can you have M. Ahmed explain how the results of this analysis affected the margin on the system?	M. Ahmed discussed this with NRC Inspector. No additional follow-up questions	Engineering M. Ahmed L. Rajkowski	4/27/10	4/28/10	y	4/27/10
111	Tim	AFW Buried Pipe [20457262]	Inspector requested copy of Salem AFW Calc S-C-AF-MDC-1789.	Copy provided.	Salem R.A.	4/27/10	4/28/10	y	4/27/10