

PMSTPCOL PEmails

From: Joseph, Stacy
Sent: Tuesday, May 18, 2010 3:58 PM
To: Joseph, Stacy; 'Head, Scott'; 'ccchappell@stpegs.com'; 'wemookhoek@stpegs.com'
Cc: STPCOL; Tonacci, Mark; Wunder, George; Muniz, Adrian; Anand, Raj
Subject: UPDATE - 5/19/2010 Open Item Call
Attachments: Open Items for STP 5-19-10.docx

Gentlemen,

See highlighted updates from list sent yesterday. Also see revised agenda below. We need to end the meeting by 9:50 due to an internal Project Performance Meeting at 10 am. As I read the current list, there are 37 items out of 131 that are now closed or confirmatory.

Agenda

9:00 – 9:15 Chapter 8 RAI 8.3.1-4 (A. Muniz/A. Pal)
9:15 – 9:30 Chapter 12 OIs 12.02-15, 12.03-12.04-2, and 12.03-12.04-3 (R. Anand/S. Williams)
9:30 – 9:45 ACRS Action Item – Underground Piping (R. Anand)
9:45 – 9:50 Open Item List Updates

Thank you,
Stacy

From: Joseph, Stacy
Sent: Monday, May 17, 2010 4:02 PM
To: 'Head, Scott'; 'ccchappell@stpegs.com'; 'wemookhoek@stpegs.com'
Cc: STPCOL; Tonacci, Mark; Wunder, George; Muniz, Adrian; Anand, Raj
Subject: 5/19/2010 Open Item Call

Please join us at 9 am on Wednesday May 12, 2010 for the open item telephone call. Please call Mark Tonacci's office at 301-415-4045.

Please note that OIs from Chapter 3 and Chapter 9 have been added to the list but do not have an updated status at this point.

Agenda

9:00 – 9:15 Chapter 8 RAI 8.3.1-4 (A. Muniz/A. Pal)
9:15 – 9:45 Chapter 12 OIs 12.02-15, 12.03-12.04-2, and 12.03-12.04-3 (R. Anand/S. Williams)
9:45 – 10:00 ACRS Action Item – Underground Piping (R. Anand)
10:00 – 10:30 Open Item List Updates

Thank you,
Stacy

Stacy Joseph
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Subject: UPDATE - 5/19/2010 Open Item Call
Sent Date: 5/18/2010 3:57:33 PM
Received Date: 5/18/2010 3:58:07 PM
From: Joseph, Stacy

Created By: Stacy.Joseph@nrc.gov

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MESSAGE	1651	5/18/2010 3:58:07 PM
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STP Phase 4 Open Items Chapters 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 and 19
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Item #	Open Item	eRAI # Question #	Issue	Resolution	Action	Closure date/goal
Chapter 1						
1	01-1	n/a	Tier 1 Departure exemptions	Pending Staff Review	NRC, exemption issuance	<u>End of Phase 4 NRC date by 5/12/10 telecon</u>
2	01-2	01-17	FSAR editorial errors	Closed	none	
3	01-3	n/a	Plant aging management	Staff to decide what review needed during COL review.	NRC	6/30/2010
4	01-4	n/a	Hydrodynamic loads, Alternate Vendor Issue	Follow-up Audit may be required	NRC/STP <u>to determine path forward</u>	
5	01-5	n/a	Financial Qualifications	Under separate staff review	STP, revised Part 1 in 5/3/10	7/30/2010
6	01-6	3944 01-15	Parts 30, 40 and 70	Response received 12/8/09 Pending further staff review	NRC	6/30/2010
7	01-7	n/a	AIA, 4/10 submittal delayed pending new issue	Pending Staff Review of DCD amend and STP rev to FSAR	NRC/STP, insp. pending 5/17	TBD
8	01-8	3174 01-14	OQPD RGs Tied to RAI 17.5-9	Supp RAI pending in Chp 17	NRC, response to Chp 17 RAI in 3/17/10.	6/30/10
9	01-9	n/a	Tier 2 Not Deps in table 1.9S-3	Supp RAI pending	NRC	6/30/2010
10	01-10	n/a	Construction Impact on Units 1 and 2	Pending interim staff guidance	NRC	7/30/2010
Chapter 3						

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11	3.2.2-6	2920 03.02.02-6	Request new site specific ITAAC to verify QG and ASME code class and seismic classification			
12	3.2.2-6	2920 03.02.02-7	How to verify seismic classification.			
13	3.2.2-6	2920 03.02.02-9	Request method to verify seismic and ASME code class of SSCs that are not part of the core reactor system			
14	3.2.2-8	2920 03.02.02-8	Request if FSAR figures will be updated to reflect classification and boundaries.			
15	3.4.2-1	3322 03.04.02-1				
16	3.4.2-2	3322 03.04.02-2				
17	3.4.2-3	3322 03.04.02-3				
18	3.4.2-4	3322 03.04.02-4				
19	3.9.6-1	2899 03.09.06-16, -18, -24, -25, COL Items 3.9.7.3, 3.9.7.4	Follow-up audit (to 11/2009 audit) of STP's design and procurement spec			
20	3.9.6-5	2899 03.09.06-5, -7, -8, -9, -14, -23	Revise IST table in Table 3.9-8.			
21	3.11.1	3328 03.11-1, -2, -3, -5, & -6	Audit of EQ Program in mid-2010			

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Item #	Open Item	eRAI # Question #	Issue	Resolution	Action	Closure date/goal
Chapter 4						
22	04.03-1	4161 04.03-3	Inconsistencies with figures in COLA vs. DCD	Response due 3/2/10 <u>STP to provide new dates</u>	STP, proprietary issues	
23	04.03-2 New	4143 04.03-2	Figure 4.3-2 loading patterns, need for safety finding	Response due 3/2/10 <u>STP to provide new dates</u>	STP, proprietary issues	
24	04.04-1	4133 04.04-3	Fuel testing & acceptance criteria	Confirmatory Item	STP, FSAR revision	Rev 4
25	04.06-1	3975 04.06-4	Provide Backfill RPV report	Response in 1/25/10	Closed	
Chapter 5						
26	5.2.1.2-1	2831 05.02.01.02-1	Applicant requested to provide a full description of ISI to specify Code cases.	Confirmatory	STP, FSAR revision	Rev 4
27	5.2.1.2-2	2831 05.02.01.02-2	Applicant requested to provide a full description of IST to specify Code cases.	Confirmatory	STP, FSAR revision	Rev 4
28	5.2.3-2	3904 05.02.03-2	Applicant to modify Departures report to clarify impact of departure.	Confirmatory	STP, FSAR revision	Rev 4
29	5.2.5-5	4354 05.02.05-5	Alarm response procedures and Surveillance procedures to be added to FSAR.	Confirmatory	NRC	5/5/10
30	5.3.2-1	n/a	Topical Report to support application plant-specific PTLR issues.	Currently under staff review.	NRC and STP, revised PTLR 7/6/10	7/30/10
31	5.4-2	3527 05.04-2	Applicant to provide contingency plan for RIP maintenance.	<u>Responded 9/24/09</u> <u>Confirmatory</u>	<u>STP, FSAR revision</u> <u>NRC</u>	<u>Rev 4</u> <u>5/14/10</u>

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32	5.4.6-1	2777 05.04.06-2	Issues involving RCIC turbine-pump design.	<u>Under S</u> staff review and revised response pending STP submitted letter on 5/10/2010 that revised RCIC report	NRC	6/24/10
33	5.4.6-3	4334 05.04-06-3	NPSH calculations	Response in 4/8/10	NRC	5/5/10 5/19/2010
34	5.3.2-5 New	4559 05.03.02-5	PTLR revision	Issued 4/15/10	STP, revised PTLR 7/6/10	7/30/10
35	5.4.7-1	2539 05.04.07-1	Wetwell Spray	Closed	none	
36	5.4.7-8 SER error	none	None	none	none	
Chapter 6						
37	6.2.1.1.C-14	4264 06.02.01.01.C-14	Mass and Energy confirmation	Response due 5/30/10	STP	6/30/10
38	6.2.1.1.C-15	4264 06.02.01.01.C-15	FSAR Update	Response due 5/30/10	STP	6/30/10
39	6.2.1.1.C-16	4264 06.02.01.01.C-16	FSAR Update	Response due 5/30/10	STP	6/30/10
40	6.2.1.1.C-17	4264 06.02.01.01.C-17	Vacuum breaker COL Item	Response due 5/30/10	STP	6/30/10
41	6.2.1.1.C-18	4264 06.02.01.01.C-18	FSAR Update	Response due 5/30/10	STP	6/30/10
42	6.2.2-26	4484 06.02.02-26	Latent Debris	Closed	None	
43	6.2.2-27	4577 06.02.02-27	Aluminum Corrosion	Response due 5/10/10 6/9/2010	STP	6/2/10 7/9/2010
44	6.4-2	4330 06.04-2	Maximum Puddle Area, Toxic Gas	Response in 3/17/10, 5/6/10 audit	NRC to issue supp <u>DRAFT</u> RAI 5/20/10	7/15/10
Chapter 7						
45	7-5	3377 07-5	Data communication	Closed	None	

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46	7.1-15	4241 07.01-15	Setpoint Methodology <u>(DRAFT RAI to be sent to STP by 5/19/28/10)</u>	Supp RAI pending	NRC	
47	7.6-2	4533 07.06-2	COL Item 7.2	Response submitted 5/5/10	NRC	6/4/10
48	7.6-3 Mistake on page 74 of SER	4528 07.06-3	STD DEP T1 2.2-1 impact on 7.6	Response submitted 5/5/10	NRC	6/4/10
Chapter 8						
49	8.1-1	3848 08.01-2	EMI	Closed	None	
50	8.2-1	3731 08.02-21	Switchyard battery	Confirmatory	STP, FSAR revision	
51	8.2-2	3494 08.02-22	Transmission line failure	Closed	None	
52	8.2-3	4017 08.02-23 08.02-24	Inaccessible cable testing program	5/5/10 telecon clarifications <u>RAI sent</u> <u>STP to provide Response date</u>	STP	6/24/10
53	8.2-4	3731 08.02-20	Communication	Closed	None	
54	8.3.1-1	3619 08.03.01-14	Diesel temp	Confirmatory	STP, FSAR revision	
55	8.3.1-2	3619 08.03.01-13	Isolation devices	Closed	None	
56	8.3.1-4	2389 08.03.01-4	RAT interface	5/3/10 revised STP response re-opens RAI	NRC	5/27/10
57	8.4-1	3632 08.04-3	Severe weather	Confirmatory	STP, FSAR revision	
58	8.4-4	4602 08.04-4	SBO timing	Response due 5/27/10	STP	6/22/10
Chapter 9						
59	9.2.2-6	3882 09.02.02-6	Adjust refrigerator capacity to chilled water outlet temperature.	Response due 5/27/10	STP	

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60	9.4.5-1	4544 09.04.05-1	RB HVAC	Response rec'd 5/3/10	NRC	6/2/10
61	9.5.1-11	4704 09.05.01-11	Change process LC	Response due 6/13/10	STP	
Chapter 10						
62	10.2-3	4103 10.02-3	Normal speed control mode	Response rec'd 5/10/10	NRC	6/10/10
63	10.2-4	4103 10.02-4	Turbine Trip Set-Points	Response rec'd 5/11/10	NRC	6/10/10
64	10.4.3-4	4102 10.04.03-4 item 1	Loop Seal	Response rec'd 5/3/10	NRC	6/2/10
65	10.4.3-5	4102 10.04.03-4 item 2	Pressure Switch	Response rec'd 5/3/10	NRC	6/2/10
66	10.4.3-6	4102 10.04.03-4 Item 6	Check Valve Deletion	Response rec'd 5/3/10	NRC	6/2/10
67	10.4.7-3	4440 10.04.07-3	CFS update	Response rec'd 5/3/10	NRC	6/2/10
Chapter 11						
68	11.02-7	3676 11.02-7	CST source term revisions to FSAR	Responded 12/30/09 Revised response received 5/17/2010	STP	See Supp RAI 12.02-18
69	11.02-8	3676 11.02-8	CST descriptions	Closed	None	
70	11.02-9	3676 11.02-9	CST descriptions	Closed	None	
71	11.02-10	4448 11.02-10	Addressing License Info Item 11.1	Response in 5/3/10	NRC	5/27/10
Chapter 12						
72	12.02-1	3018 12.02-7	Gaseous effluent data, input parameters, and resulting gaseous effluent dose info	Supplementa l Response received 11/9/09 Relates to 12.02-15 and 16	NRC	Tied to 12.02-15, 12.02-16
73	12.02-2	3795 12.02-12	40 CFR Part 190	Response received 12/3/09 See 12.02-17	STP	Tied to 12.02-17

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74	12.02-3	3854 12.02-13	Rad source calibration	Confirmatory	STP, FSAR revision	
75	12.02-4	3984 12.02-14	Spent Fuel Storage, Chapter 9 related issue, revised calc in reading room	Response received 1/4/10	STP/NRC, info needed may be in reading room	1 st quarter 2011, STP to update
76	12.02-15	4137 12.02-15	Liquid Effluent source GALE	Responded 3/24/10	NRC/STP	Supp RAI 12.02-19
77	12.02-16	4138 12.02-16	Gaseous effluent source GALE	Responded 3/24/10	NRC/STP	Supp RAI 12.02-19
78	12.02-17	4099 12.02-17	Effluent Data Table	Responded 2/25/10 Revised Response received 5/17/10	STP, revised response per 5/5/10 t-con NRC	Revised response pending (NEED DATE)
79	12.02-18	4492 12.02-18	CST radiation source	Response due 5/24/10 received 5/17/10	STP NRC	6/18/10
80	12.02-19	4600 12.02-19	Revised GALE calcs	Response due 5/31/10	STP	6/24/10
81	12.03- 12.04-1	3857 12.03-12.04- 12	CUW backwash	Confirmatory	STP, FSAR revision	
82	12.03- 12.04-2	3982 12.03-12.04- 13	ARM and airborne monitoring calibration methods	STP to revise response 5/24/10	STP	6/24/10
83	12.03- 12.04-3	4286 12.03-12.04- 15	Criticality monitoring compliance with 10 CFR 70.24 or exemption request. Pending receipt and staff review.	Responded 2/25/10	STP to revise response	STP to clarify on 5/19/10
84	12.03- 12.04-4	3855 12.03-12.04- 11	Operational programs and operating procedures to address 10 CFR 20.1406 and radwaste system piping locations. Pending receipt and staff review.	Supp. Response in 4/8/10	STP to revise response	STP to update 6/30/10

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85	12.03-12.04-5	3981 12.03-12.04-14	FSAR revisions requested for bases, models, assumptions and input data. Response received and pending staff review.	Responded 1/4/10 Response received 5/17/2010	STP to revise response 5/1/10 NRC	6/15/10
86	12.05-1	3856 12.05-5	High rad areas	Confirmatory	STP, FSAR revision	
87	12.05-2	4151 12.05-6	Air samplers	Confirmatory	STP, FSAR revision	
Chapter 13						
88	13.03-1	3427 13.03-73	Assess TSC radiological consequences	Response in 10/7/09/ <u>TSC Vent system design due 3/10, habitability calc due 5/31/2010</u>	New STP info by 5/31/10	6/24/10
89	TBD	3271 Ltr. 203	Fitness for Duty 2 questions	Responses in 8/25/09	NRC to review response and provide SER	6/3/10
90	TBD	4451 Ltr. 400	SUNSI related 18 questions	Responses due 5/24/10	STP	6/17/10
91	TBD	4530 Ltr. 399	SUNSI related 1 questions	Response due 5/7/10 (submitted 4/26/2010)	NRC	6/2/10
92	TBD	4535 Ltr. 398	Physical Security 33 questions	Responses received 5/10/10	NRC	6/2/10
93	TBD	4589 Ltr. 402	Physical Security 11 questions	Responses due 5/28/10	STP	6/23/10
94	TBD	4593 Ltr. 402	Physical Security 4 questions	Responses due 5/28/10	STP	6/23/10
95	TBD	4604 Ltr. 404	SGI related 10 questions	Responses due 6/3/10	STP	6/29/10
96	TBD	4605 Ltr.403	SUNSI related 10 questions	Responses due 5/28/10	STP	6/23/10
Chapter 14						
97	14.02-6	2898 14.02-6	SSC Pre-Op test abstracts	STP to revise resp. 5/24/10	STP	6/17/10
98	14.02-8	3097 14.02-8	SSC start up test program	STP to revise response, eta 5/24/10	STP	6/17/10

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99	14.02-14	4581 14.02-14	License info item 14.2 as License Condition	Response due 6/4/10 <u>received 5/13/10</u>	STP NRC	6/30/10
100	14.3.2-8	4105 14.3.2-10	ITAAC for structural analysis for as built data	Confirmatory	none	
101	14.3.2-9	4105 14.3.2-9	Ext Diesel tanks and vault ITAAC	Confirmatory	none	
102	STD DEP T1 2.4-3	Chapter 5 OI 05.04.06-2 05.04.06-3	RCIC Turbine/Pump	See Chapter 5	NRC Chapter 14 SER revisions	6/24/10
103	STD DEP T1 12.15-2	Chapters 8 and 9 OI 08.03.01-4 09.04.05-1	RBSRDG HVAC	See Chapters 8 and 9	NRC Chapter 14 SER revisions	See OI 08.03.01-4 and 09.04.05-1
104	STD DEP T1 5.0-1	Chapter 2 **Ch. 2 OIs not yet finalized**	Site Parameters	See Chapter 2	NRC Chapter 14 SER revisions	**Ch. 2 RAIs**
105	STD DEP T2 9.4-1	Chapter 6 06.04-2	Toxic Gas ITAAC	See Chapter 9	NRC Chapter 14 SER revisions	See OI 06.04-2
Chapter 15						
106	15.6-1	3387 15.00.03-1	Control Room radiological analysis	Closed	none	
107	15.6-2	n/a	TSC Dose Calculation	Related to 13.03-73	STP submit 2 supp responses end of 5/10	6/24/10
108	15.A-1	4300 15.08-3	Suppression pool temp change	Closed	None	
109	15.E-1	3919 15.08-2	ATWS mitigation logic	Closed	none	
Chapter 16						
110	16.1a	n/a	Instrument Set-point Methodology RAI 7.1-15, tied to supp RAI for 7.1-15	Section 7.1.5, response in 3/29/10	STP/NRC	5/20/10 See OI 7.1-15
111	16.1b	n/a	RCS P-T Limits, RAI	Tied to review in 5.3.2. TR under review OI 5.3.2-1	STP/NRC	See OI 5.3.2-1
Chapter 17						
112	17.5-9	4373 17.5-9	NEI 06-14 incorporation	Response in 3/17/10	NRC	6/30/10

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113	17.04-9	3998 17.04-09	SSCs in RAP	Confirmatory	STP, FSAR revision	Rev 4
114	17.04-10	3998 17.04-10	Table 19K-4 revisions	Confirmatory	STP, FSAR revision	
115	17.04-11	3998 17.04-11	Deterministic criteria	Confirmatory	STP, FSAR revision	
Chapter 19						
116	19-1	19.01-13	Feedwater Line Break Mitigation	Supple- Mental response received on 12/03/2009 (CLOSED— NRC to confirm)	NRC, staff to review response and provide SER update	<u>SER Update by 7/1/2010</u>
117	19-2	19.01-22	PRA Level 1 Results	STP to update Appendix 19K of the FSAR—Due 5/20/2010 provide information in reading room by 5/27/2010	STP	<u>SER Update by 7/1/2010</u>
118	19-3	19.01-29	Medium Voltage Electrical Design	Supple- Mental response received on 12/03/2009 (CLOSED— NRC to confirm)	NRC, staff to review response and provide SER update	<u>SER Update by 8/7/1/2010</u>
119	19-4	19.01-22	Evaluation of Common Cause Failures	Response received on 8/5/2009 (CLOSED— NRC to confirm)	NRC, staff to review response and provide SER update	<u>Confirm- atory Item 19-4</u>
120	19-5	19-5	Steam Explosion Potential from Premature Opening of the Drywell Flooder	Supple- mental Response	STP provide response by 5/27/2010	<u>SER Update by 7/15/2010</u>

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121	19-6	19-32	Capability of Containment Isolation Valves	Supplemental response received on 5/4/2010	NRC, staff to review response and provide SER update	SER Update by 7/1/2010
122	19-7	19.01-25	Resolution of COL Information Items	Partial Supplemental response received	STP to provide supplemental response for Appendix 19A & 19B by 5/25/2010	SER Update by 7/1/2010
123	19-8	19-3	Impact of Hydrogen Combustion During Shutdown	Supplemental Response (tied to 19.01-31)	STP provide response by 6/1/2010	SER Update by 7/15/2010
124	19-9	19.01-31	Shared Fire Protection System	Supplemental Response	STP provide response by 6/1/2010	SER Update by 7/15/2010
125	19-10	19.01-23	Fire Risk Evaluation in Turbine Building	Supplemental response received on 8/5/2009 (CLOSED—NRC to confirm)	NRC, staff to review response and provide SER update	SER Update by 7/1/2010
126	19-11	19-16	Flushing of RPV Water Level Instrumentation Lines in Mode 4 & 5	(CLOSED—NRC to confirm)	NRC, staff to review response and provide SER update	Confirmatory Item 19-11
127	19-12	19-30	MCR Breach Evaluation	Supplemental Response	STP provide response by 5/27/2010	SER Update by 7/15/2010
128	19-13	19-1	MAAP and Fusible Plug	Supplemental Response	STP provide response by 6/1/2010	Confirmatory Assessment and SER Update by 7/15/2010

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129	19-14	19-24, <u>19-2S1</u>	Seismic Effect	<u>STP to provide Supplemental Response</u>	NRC, staff to review response and provide SER update	<u>NRC action to issue supplemental RAI</u>
<u>130</u>	<u>19-16</u>	<u>19-22</u>	<u>Housing of ACIWA Equipment</u>	<u>STP to provide Supplement Response</u> <u>(NRC to confirm CLOSED)</u>	<u>NRC to review supplemental response</u>	<u>-SER Update by 7/1/2010</u>
131	19-17	19-31	Demonstrate the Sequence and Plant-Level Seismic HCLPF Capacity	Supplemental response received 5/4/2010	NRC, staff to review response <u>and provide SER update.</u> <u>STP to provide additional info HCLPF values for site-specific SSCs by 9/2010 and provide SER update</u>	<u>9/2010</u>