

PMSTPCOL PEmails

From: Tai, Tom
Sent: Monday, April 09, 2012 2:56 PM
To: Chappell, Coley
Cc: STPCOL; Wunder, George
Subject: RE: NINA/STP OI Telecom agenda for April 11, 2012
Attachments: OI List 3-21-12.pdf

Sorry. Please see attached. I hope it is the latest.

Tom Tai
DNRL/NRO
(301) 415-8484
Tom.Tai@NRC.GOV

From: Chappell, Coley [<mailto:ccchappell@STPEGS.COM>]
Sent: Monday, April 09, 2012 2:51 PM
To: Tai, Tom
Subject: RE: NINA/STP OI Telecom agenda for April 11, 2012

Tom,

The OI Master List was not attached to the email.

Regards,

Coley Chappell
NINA Licensing STP 3&4

From: Tai, Tom [<mailto:Tom.Tai@nrc.gov>]
Sent: Monday, April 09, 2012 1:34 PM
To: Green, Sharon; Misenhimer, David; Chappell, Coley; Mookhoek, William; Head, Scott; Elton, Loree; Agles, James; Price, John E; Scheide, Richard; Chakrabarti, Samir; Morante, Richard J; Wei, Xing; Parvizi, Fariba; Chakravorty, Manas; Mansour Tabatabaie; peter@astralengineering.com; ravindramalathi@cox.net; Spicher, Terri; Colaccino, Joseph; Huang, Jason; Wong, Yuken; Wu, Cheng-Ih; Eudy, Michael; McCoppin, Michael; Williams, Stephen; Dehmelt, Jean-Claude; Stutzcage, Edward; Hinson, Charles
Cc: STPCOL; Wunder, George; Jenkins, Ronaldo
Subject: NINA/STP OI Telecom agenda for April 11, 2012

Good Morning,

NOTE to Sharon: Please enter the Open Items Master List file (OI list_3-7-12.pdf) into ADAMS and provide the ADAMS accession number to Fariba and myself so as to be included in the meeting summary for March 14, 2012.

The NINA/STP Open Items telecom is scheduled for April 11, 2012 starting at 1 pm (EST).

Until further notice, there will be NO morning session.

These are standing bridge lines available every Wednesday from 1:00 pm to 3:00 pm. NRC HQ staff can participate in the telecom in room **T-7B01**.

Conference Line - 866-803-2146
Pass Code - 7482641

1:00 pm agenda:

- Chapter 9 Fuel Rack Structural Analysis
- OI Master List (attached)
- Comments/Questions
- Any other COL related topics
- Miscellaneous

2:00 pm

- RAI 03.09.04-1 proposed response (ASME spec missing load)

Unless requested specifically by staff reviewers/contractors and NINA, there will be no discussion on Chapters 3.7/3.8, Chapters 3.9.1/3.9.2, and RWB/TB classification on the April 11 telephone conference. I will schedule these discussions in future meetings when more information become available.

Regards

Tom Tai
DNRL/NRO
(301) 415-8484
Tom.Tai@NRC.GOV

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3360

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED17636AC5C20)

Subject: RE: NINA/STP OI Telecom agenda for April 11, 2012
Sent Date: 4/9/2012 2:55:30 PM
Received Date: 4/9/2012 2:55:34 PM
From: Tai, Tom

Created By: Tom.Tai@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"Wunder, George" <George.Wunder@nrc.gov>
Tracking Status: None
"Chappell, Coley" <ccchappell@STPEGS.COM>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	2482	4/9/2012 2:55:34 PM
OI List 3-21-12.pdf	2269623	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

2011 NINA/STP COLA Item Status Counts

CONFIRMATORY	3/14/2012	3/21/2012	3/28/2012	4/4/2012	4/11/2012	4/18/2012	4/25/2012
NRC action	0						
STP Action							
	0						
CLOSED	3/14/2012	3/21/2012	3/28/2012	4/4/2012	4/11/2012	4/18/2012	4/25/2012
NRC action	14	4					
STP action	0						
	14	4					

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
#REF!	1	1-2	01-17	FSAR editorial errors	STP - FSAR revision				confirmatory
#REF!	1	1-11	(6049) 01-23 (6167) 01-24	Financial Qualifications	Prepare SER.	TBD		TBD	Open
#REF!	1	1-12	TBD	Foreign Ownership	Issue new RAI.	3/30/2012		TBD	Open
	3	3.7 and 3.8	3.7 and 3.8 RAIs	3.7 and 3.8 Open Items and RAIs being handled by Tom Tai during weekly breakout calls	STP action with NRC discussion				open
	3	03.09.01-2	03.09.01-2 (6252)	ACSTIC2 V&V issue from audit	NRC review response and hold meeting on 3/29/12.	3/29/2012	TBD	TBD	Open
40B	3	03.09.02-21	03.09.02-21 (5058)	ACSTIC2 FSAR markup	NRC - confirm acceptability of ACSTIC2 in the closure of RAI 03.09.01-2	2/29/2012		TBD	confirmatory
#REF!	3	3.09.02-44	03.09.02-44 (5256)	Questions from the October 18-19 2010 audit of CVAP, including ACM methodology and license condition	NRC - to review latest response to 3.09.02-44 on 6/30/11. Pending resolution in 03.09.01-2.	2/29/2012	2/16/2012	TBD	Closed
#REF!	3	3.09.02-47	03.09.02-47 (5343)	Section 2.2 of the FIV Stress Analysis Report of the Shroud	NRC - to review responses to 3.09.02-47 on 2/28/11, and responses to RAI 5256 and 03.09.02-49 on 6/30/11	2/29/2012	2/16/2012	TBD	Closed
#REF!	3	3.09.02-49	03.09.02-49 (5343)	Sample pressure spectra on the sub-scale steam dryer	NRC - Review of revised technical reports submitted by STP on 6/30/11 to support review of FIV program (RAI 03.09.02-49 revised submittal on 6/30/11)	2/29/2012	2/16/2012	TBD	Closed
#REF!	3	3.09.02-50	03.09.02-50 (5343)	Sub-scale dryer pressure spectra compared to Japanese ABWR	NRC - to review responses to 3.09.02-50 on 2/28/11, and responses to RAI 5256 and 03.09.02-49 on 6/30/11	2/29/2012	2/16/2012	TBD	Closed
#REF!	3	3.09.03-6	4793, 03.09.03-6	Complete audit of design specifications.	STP - FSAR revision, ASME spec audit completed. Audit report ready to be issued by 3/30/11.				confirmatory
#REF!	3	3.09.06-1	2899 03.09.06-16, -18, -24, -25, COL Items 3.9.7.3, 3.9.7.4	Follow-up audit of design and procurement spec	STP - FSAR revision				confirmatory
#REF!	3	3.09.06-5	5453 03.09.06-27, 28	1. Compliance with ASME OM Code for 24 month testing of RHR system fill pumps 2. Revisions to Table 3.9S-1	Closed				confirmatory
#REF!	4	4.04-1	4.03, 04-04, 3.02-10 Fig. 03-04	Final testing & acceptance criteria	STP - FSAR revision				confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
#REF!	5	5.2.1.2-1	2831 05.02.01.02-1	Applicant requested to provide a full description of ISI to specify Code cases.	STP - FSAR revision				confirmatory
#REF!	5	5.2.1.2-2	2831 05.02.01.02-2	Applicant requested to provide a full description of IST to specify Code cases.	STP - FSAR revision				confirmatory
#REF!	5	5.2.3-2	3904 05.02.03-2	Applicant to modify Departures report to clarify impact of departure.	STP - FSAR revision				confirmatory
#REF!	5	5.2.5-5	4354 05.02.05-5	Alarm response procedures and Surveillance procedures to be added to FSAR.	STP - FSAR revision				Closed
#REF!	5	5.4-2	3527 05.04-2	Applicant to provide contingency plan for RIP maintenance.	STP - FSAR revision				confirmatory
#REF!	6	6.2.1.1.C-14	4264 06.02.01.01.C-14	Mass and Energy confirmation	STP - FSAR revision				Closed
#REF!	6	6.2.1.1.C-15	4264 06.02.01.01.C-15	FSAR Update	STP - FSAR revision				Closed
#REF!	6	6.2.1.1.C-16	4264 06.02.01.01.C-16	FSAR Update	STP - FSAR revision				Closed
#REF!	6	6.2.1.1.C-18	4264 06.02.01.01.C-18	FSAR Update	STP - FSAR revision				Closed
#REF!	6	6.2.2-27	4577, 06.02.02-27 5064, 06.02.02-28, 29, 30 and 31	Aluminum Corrosion	STP - FSAR revision				Closed
#REF!	6	TBD	4133, 04.04-3	Latent Fiber Assumption for Downstream Effects Testing, to be covered by revised response to 04.04-4	STP - FSAR revisions				Closed
#REF!	7	7.1-15	4241 07.01-15 07.01-16	Setpoint Methodology	STP - FSAR revision				Closed
#REF!	7	na	07.01-4	Figure 7.2-2 Sheet 37 edit	STP - Rev 6 revision				confirmatory
#REF!	7	na	07.01-5	Typo on item 6	STP - Rev 6 revision				confirmatory
#REF!	7	na	RAI 07-6	Paragraph in response missing from Rev. 5	STP - Rev 6 revision				confirmatory
#REF!	8	8.3.1-1	3619 08.03.01-14	Diesel temp	STP - FSAR revision				Closed
#REF!	8	8.3.1-3	2389 08.03.01-4 supp 3	FSAR 8.3.3.5.1 is not revised per 8.3.1-4 S3. Inadvertently revised FSAR 8.3.3.5.1.3. And Part 7, Section 2.2 is not revised, but revised Part 7, Section 3.0.	STP - Rev 6 revision				confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
#REF!	8	8.4-1	3632 08.04-3	Severe weather	STP - FSAR revision				confirmatory
#REF!	8	Conf Item	2389, 08.03.01-11	FSAR Subsection 9.5.13.8 is not revised to delete item (3.)	STP - Rev 6 revision				confirmatory
48	3	03.09.04-1	03.09.04-1 (5870)	FMCRD spec load requirements	NRC - Review response submitted 8/15/11. Also provide feedback on HCU spec.	2/29/2012			open
49	3	3.09.06-1	2899 03.09.06-16, -18, -24, -25, COL Items 3.9.7.3, 3.9.7.4	Follow-up audit of design and procurement spec	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
50	3	3.09.06-5	5453 03.09.06-27, 28	1. Compliance with ASME OM Code for 24 month testing of RHR system fill pumps 2. Revisions to Table 3.9S-1	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
55	9	tbd	5685 (ltr 377), 09.01.02-6	Fuel rack design checks	NRC - Review of RAI responses submitted on 11/14/2011	1/17/2012		6/22/2012	open
58	9	tbd	5685 (ltr 377), 09.01.02-9	Fuel rack seismic loading	NRC - Review of revised RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	open
59	9	9.2.2-6	3882 09.02.02-6	Adjust refrigerator capacity to chilled water outlet temperature.	STP - FSAR revision			6/22/2012	confirmatory
64	9	9.5.1-11	4704 09.05.01-11	Change process LC	STP - FSAR revision			6/22/2012	confirmatory
65	10	10.2-3	3008, 10.02-1 4103, 10.02-3 4860, 10.02-5	Normal speed control mode	STP - FSAR revision			6/22/2012	confirmatory
66	10	10.2-4	3008, 10.02-2 4103, 10.02-4 4860, 10.02-6, 7, 8	Turbine Trip Set-Points	STP - FSAR revision			6/22/2012	confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
71	11	11.02-10	4448, 11.02-10	The applicant committed to change the reference in the third paragraph of this section to refer to Section 12.2.2.4. This change was not made as this paragraph still states 12.2.2.2.	STP - Rev 6 revision			6/22/2012	confirmatory
72	11	11.02-4	2955 11.02-4	FSAR editorial errors regarding compliance with 40 CFR 190	STP - Rev 6 revision			6/22/2012	confirmatory
73	11	11.02-7	3676 11.02-7	CST source term revisions to FSAR - being tracked under 12.02-19	Closed			6/22/2012	Closed
74	11	11.02-5	3676 11.02-8	CST descriptions	STP - FSAR revision			6/22/2012	confirmatory
77	12	Conf Item 12.01-2	3014 12.01-1	NEI Template 07-08A not referenced in COL revision	STP - Rev 6 revision			6/22/2012	confirmatory
78	12	Conf Item 12.02-3	2553 12.02-3	Editorial errors to fix 10 CFR 20 isotope limits in table 12.2-20	STP - Rev 6 revision			6/22/2012	confirmatory
79	12	12.02-18	4492, 12.02-18 5050, 12.02-21	CST radiation source	STP - Rev 6 revision			6/22/2012	confirmatory
80	12	12.02-2	3795 12.02-12 12.02-17	40 CFR Part 190	STP - FSAR revision			6/22/2012	confirmatory
81	12	12.02-3	3854 12.02-13	Rad source calibration	STP - FSAR revision			6/22/2012	confirmatory
82	12	12.02-4	3954, 12.02-1a, 5049, 12.02-20	Spent Fuel Storage, Chapter 9 related issue, revised calc in reading room	STP - FSAR revision			6/22/2012	confirmatory
83	12	12.02-1	4041	Fixing erroneous DCD table 12.2-1b and 12.2-2c, a) non-use departure, b) license condition	STP - FSAR revision			6/22/2012	confirmatory
84	12	12.03-12.04-1	3857 12.03-12.04-12	CUW backwash	STP - FSAR revision			6/22/2012	confirmatory
85	12	12.03-12.04-2	3982 12.03-12.04-13	ARM and airborne monitoring calibration methods	STP - Rev 6 revision			6/22/2012	confirmatory
86	12	12.03-12.04-3	4286 12.03-12.04-15	Criticality monitoring compliance with 10 CFR 70.24 or exemption request	STP - FSAR revision			6/22/2012	confirmatory
87	12	12.03-12.04-4	3855 12.03-12.04-11	Operational programs and operating procedures to address 10 CFR 20.1406 and radioactive system normal operations	STP - FSAR revision			6/22/2012	confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
88	12	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.	STP - Rev 6 revision			6/22/2012	confirmatory
89	12	12.05-1	3856 12.05-5	High rad areas	STP - FSAR revision			6/22/2012	confirmatory
90	12	12.05-2	4151 12.05-6	Air samplers	STP - FSAR revision			6/22/2012	confirmatory
91	13	13.03-1	3427 13.03-73	Assess TSC radiological consequences	STP - FSAR revision			6/22/2012	Closed
98	13	TBD	3271 Ltr. 203	Fitness for Duty 2 questions	STP - FSAR revision			6/22/2012	confirmatory
100	13	TBD	4530 Ltr. 399	Cyber Security 1 questions	STP - FSAR revision			6/22/2012	confirmatory
101	13	TBD	4974, Ltr.362 Open - 0 Resolved - 13 Confirmatory - 4	17 RAIs on Physical Loss of Large Areas	STP - FSAR revision			6/22/2012	confirmatory
105	14	14.3.2-8	4105 14.3.2-10	ITAAC for structural analysis for as built data	STP - FSAR revision			6/22/2012	confirmatory
106	14	14.3.2-9	4105 14.3.2-9	Ext Diesel tanks and vault ITAAC	STP - FSAR revision			6/22/2012	confirmatory
107	14	14.3-1	RAI 14.03-1	Tier 1 needs to reflect ITAAC changes, Tables 2.12.1(item 11), 2.12.12(item 8), 2.12.14(item 10), and 2.12.15(item 9)	STP - Rev 6 revision			6/22/2012	confirmatory
108	14	TBD	4861, 14.02-15	Intermediate stop and intercept valve test abstract update	Closed			6/22/2012	confirmatory
109	14	TBD	4862 14.03.07-4	Update to Tier 1 Section 2.10 (power cycle systems) to make consistent with Tier 2 Section 10.2	Closed			6/22/2012	confirmatory
114	16	16.1a	n/a	Instrument Set-point Methodology RAI 7.1-15, tied to supp RAI for 7.1-15	STP - FSAR revision			6/22/2012	confirmatory
116	16	16-14	3046, 16-14	Change "DCD" references to "FSAR"	STP - Rev 6 revision			6/22/2012	confirmatory
117	16	16-21.12	3120, 16-21.12	Bases for SR 3.3.7.1.1 needs to specify 12 hour frequency	STP - Rev 6 revision			6/22/2012	confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
118	16	16-21.22	3120, 16-21.22	% sign missing from methyl iodide penetration value in TS 5.5.7.2	STP - Rev 6 revision			6/22/2012	confirmatory
119	16	16-21.4	3120, 16-21.4	STD DEP 16.3-104 needs to be listed in the beginning of Section	STP - Rev 6 revision			6/22/2012	confirmatory
120	16	16-21.8	3120, 16-21.8	PTS SR 3.3.4.2.4 - should use term "SENSOR CHANNEL CHECK" instead of "CHANNEL CHECK"	STP - Rev 6 revision			6/22/2012	confirmatory
121	16	16-3	3042, 16-3	Section 3.1 TS editorial changes	STP - Rev 6 revision			6/22/2012	confirmatory
122	16	16-46	3191, 16-46	GTS LCO 3.8.1 - No new STD DEP identified	STP - Rev 6 revision			6/22/2012	confirmatory
123	16	16-65	3973, 16-65	Division Functional Testing and add "rev 2" to WCAP-17119P reference	STP - Rev 6 revision			6/22/2012	confirmatory
124	16	16-70	4826, 16-70	Operation with one MSL isolated	STP - Rev 6 revision			6/22/2012	confirmatory
125	17	17.04-10	3998, 17.04-3, 17.04-10	In response to RAI 17.04-3 (dated September 28, 2009), STP indicated that it would delete	STP - Rev 6 revision			6/22/2012	confirmatory
126	17	17.04-11	3698, 17.04-11	Deterministic option	STP - F3AR revision			6/22/2012	confirmatory
127	17	17.04-2	3089, 17.04-2	Table 19K-1 needs revised text to replace "Multiplex Transmission Network" to "Essential Communication Function (ECF) CCF" and "Remote Multiplexing Units" to "Remote Digital Logic Controller CCF"	STP - Rev 6 revision			6/22/2012	confirmatory
128	17	17.04-7	3089, 17.04-7	Late 2010 audit to confirm list of risk significant SSCs	STP - F3AR revision			6/22/2012	confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
129	17	17.04-8	3089, 17.04-8	RAP audit: The D-RAP program procedure provided at the Twinbrook office for the staff's review is based on an outdated version of FSAR Section 17.4. As such, the D-RAP program procedure is outdated.	NRC - Confirmatory item pending RAP audit, draft audit plan sent to STP 9/29/10. Complete materials available for NRC audit starting 2/17/11. NRC feedback given on 3/10/11. Procedures to be updated w.r.t. current version of FSAR. Revised Expert Panel information to be provided for audit by March 2011 including updates to system reviews, procedures and meeting minutes.	4/13/2011		6/22/2012	confirmatory
130	17	17.04-9	3998, 17.04-9	RAP audit: The STP expert panel is to perform system reviews to update the list of risk-significant SSCs. Based on the Expert Panel meeting minutes provided at the Twinbrook office, it appears that this activity has not yet begun. Based on the meeting minutes, the system reviews will begin in December 2010. Both ACRS and the NRC staff are interested in the results for a sample of the system reviews. We will not be able to close this confirmatory item until after reviewing these results. We will not be able to close this confirmatory item until after reviewing these results.	NRC - Confirmatory item pending RAP audit, draft audit plan sent to STP 9/29/10. Complete materials available for NRC audit starting 2/17/11. NRC feedback given on 3/10/11. Procedures to be updated w.r.t. current version of FSAR. Revised Expert Panel information to be provided for audit by March 2011 including updates to system reviews, procedures and meeting minutes.	3/31/2011		6/22/2012	confirmatory
131	17	17.5-9	4373 17.5-9	NEI 06-14 Incorporation	STP - FSAR revision			6/22/2012	confirmatory
132	17	17.5-10	5523 17.5-10	Rev 5 NINA QAPD issues	STP - March 2011 QAPD revision based on 3/7/2011 RAI response expected 3/31/11			6/22/2012	confirmatory
133	19	19-1	19.01-13	Feedwater Line Break Mitigation	STP - FSAR revision			6/22/2012	confirmatory
134	19	19-10	19.01-23	Fire Risk Evaluation in Turbine Building	STP - FSAR revision			6/22/2012	confirmatory
135	19	19-11	19.16	Flushing of RPV Water Level Instrumentation Lines in Mode 4 & 5	STP - FSAR revision			6/22/2012	confirmatory
136	19	19-12	19-30	MCR Breach Evaluation	STP - Rev 6 revision			6/22/2012	confirmatory
139	19	19-16	19.01-22	Housing of ACIWA Equipment	STP - FSAR revision			6/22/2012	confirmatory
140	19	19-17	19-31	Demonstrate the Sequence and Plant-Level Seismic HCLPF Capacity	STP - FSAR revision			6/22/2012	confirmatory
141	19	19-2	19.01-22	PCA Level 1 Results	STP - FSAR revision			6/22/2012	confirmatory
142	19	19-3	19.01-29	Medium Voltage Electrical Design	STP - FSAR revision			6/22/2012	confirmatory
143	19	19-4	19.01-22	Evaluation of Common Cause Failures	STP - FSAR revision			6/22/2012	confirmatory

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
144	19	19-5	19-5	Steam Explosion Potential from Premature Opening of the Drywell Flooder	STP - FSAR revision			6/22/2012	confirmatory
145	19	19-6	19-32	Capability of Containment Isolation Valves	STP - FSAR revision			6/22/2012	confirmatory
147	19	19-8	19-3	Impact of Hydrogen Combustion During Shutdown	STP - FSAR revision			6/22/2012	confirmatory
148	19	19-9	19.01-31	Shared Fire Protection System	STP - Rev 6 revision			6/22/2012	confirmatory
149	19	Conf Item	RAI 19-14	STP should correct an editorial error in Table 19.2-2 under STD DEP 12.3-4, "Alarm Capability for Area Radiation Monitors (ARMs)," in the column titled "US ABWR/STP Design Basis." STP entered the statement: "The ARMs will have alarm capability and No effect on the PRA, not modeled. five additional monitors are required in the Reactor Building." The following misplaced text should be removed from that statement: "No effect on the PRA, not modeled."	STP - Rev 6 revision			6/22/2012	confirmatory
111	9	tbd	5987 (ltr 412) 09.01.02-10	Spent Fuel Assembly Integrity	NRC-Review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Open
119	2	tbd	tbd	Chapter 2.4 Potential CIs	NRC - potential CIs for FSAR Revision 7	FSAR Rev. 7			Open
120	12	tbd	12.02-20	Chapter 12 RAI response	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
121	12	tbd	Chapter 12.2	Issues specified in NRC e-mail dated 11/17/11, STP responses to e-mail acceptable to staff	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
122	12	tbd	Chapter 12.2	Changes identified regarding Chp 12 mark-ups associated with latest responses to RAI 03.08.04-18	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
146	13	tbd	3271 (ltr 203) 13.06.01-2	Chapter 13.7-FFD	STP-Include in FSAR Revision 7	FSAR Rev. 7			Closed
196	19	19-9	19.01-31	Shared Fire Protection System	STP - High winds, RAI response to be provided in FSAR Revision 7	FSAR Rev. 7			confirmatory
197	15	tbd	tbd	Departure STP DEP 15.6-1	STP - include in FSAR Revision 7	FSAR Rev. 7			open
198	19	tbd	tbd	ACRS Action Item #100 for 19.14 Attachment "A" - LOLA	STP - include in FSAR Revision 7	FSAR Rev. 7			Closed
202	17	17.04-9	3998, 17.04-09	Issues specified in NRC e-mail dated 11/17/11, 11/23/11 OI call discussion	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
204	2	02.03.01	RAI 02.03.01-24, 6246	Chapter 2 Extreme winds RAI	STP - RAI Response	1/15/2012			open
205	9	tbd	RAI 09.01.02-17, 6263, Question 23123	Chapter 9, Fuel Racks, WCAP clarifications	STP - RAI Response	2/8/2012		6/22/2012	open

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
206	9	tbd	RAI 09.01.02-18, 6263, Question 23124	Chapter 9, Fuel Racks, functional capability and/or structural integrity	STP - RAI Response	2/8/2012		6/22/2012	open
207	9	tbd	RAI 09.01.02-19, 6263, Question 23125	Chapter 9, Fuel Racks, dropped fuel assembly radiological consequences	STP - RAI Response	2/8/2012		6/22/2012	open
208	9	tbd	RAI 09.01.02-20, 6263, Question 23126	Chapter 9, Fuel Racks, wall boundaries and gaps between racks & walls	NRC - Review RAI Response	3/8/2012		6/22/2012	open
209	9	tbd	RAI 09.01.02-21, 6263, Question 23127	Chapter 9, Fuel Racks, Revise response to RAI 09.01.02-9	NRC - Review RAI Response	3/8/2012		6/22/2012	open
210	9	tbd	RAI 09.01.02-22, 6263, Question 23128	Chapter 9, Fuel Racks, WCAP modeling methodology, effects of fluid-structure interaction	STP - RAI Response	2/8/2012		6/22/2012	open
211	9	tbd	RAI 09.01.02-23, 6263, Question 23129	Chapter 9, Fuel Racks, validation and WPM rack finite element models	NRC - Review RAI Response	3/8/2012		6/22/2012	open
212	9	tbd	RAI 09.01.02-24, 6263, Question 23130	Chapter 9, Fuel Racks, TGSIS discussion	STP - RAI Response	2/8/2012		6/22/2012	open
213	9	tbd	RAI 09.01.02-25, 6263, Question 23131	Chapter 9, Fuel Racks, supplemental RAI to RAI 09.01.02-10 response	STP - RAI Response	2/8/2012		6/22/2012	open
214	9	tbd	RAI 09.01.02-26, 6263, Question 23132	Chapter 9, Fuel Racks, supplemental RAI to RAI 09.01.02-2, Rev. 1 response	NRC - Review RAI Response	3/8/2012		6/22/2012	open
215	9	tbd	RAI 09.01.02-27, 6263, Question 23133	Chapter 9, Fuel Racks, STP 3&4 spent fuel storage rack material data	NRC - Review RAI Response	3/8/2012		6/22/2012	open
216	9	tbd	RAI 09.01.02-28, 6263, Question 23134	Chapter 9, Fuel Racks, supplemental RAI to RAI 09.01.02-12 response	STP - RAI Response	2/8/2012		6/22/2012	open
217	9	tbd	RAI 09.01.02-29, 6263, Question 23135	Chapter 9, Fuel Racks, supplemental RAI to RAI 09.01.02-8 & WCAP	NRC - Review RAI Response	3/8/2012		6/22/2012	open
218	9	tbd	RAI 09.01.02-30, 6263, Question 23136	Chapter 9, Fuel Racks, "Summary of Seismic Forces" & "Summary of Seismic Displacements"	STP - RAI Response	2/8/2012		6/22/2012	open
219	9	tbd	RAI 09.01.02-31, 6263, Question 23137	Chapter 9, Fuel Racks, supplemental RAI to RAI 09.01.02-5, item I & WCAP	STP - RAI Response	2/8/2012		6/22/2012	open
220	9	tbd	RAI 09.01.02-32, 6263, Question 23138	Chapter 9, Fuel Racks, fuel impact submodel	STP - RAI Response	2/8/2012		6/22/2012	open