

PMSTPCOL PEmails

From: Tai, Tom
Sent: Thursday, January 24, 2013 9:46 AM
To: 'jeprice@stpegs.com'
Cc: STPCOL; 'wemookhoek@stpegs.com'; Wunder, George; Foster, Rocky; Eudy, Michael; Misenhimer, David
Subject: STP - OI Spreadsheet
Attachments: OI Master List - FINAL STATUS.xlsx

To All,

Attached for your use is the latest update of the open item spreadsheet. I am using the version from Coley who removed the formulae in some of the cells that were for re-numbering. That practice was useful at the time but it became confusing when we started to insert items and add new ones. The updated version is simple. I am relying on the status in our eRAI system and I did not verify the accuracy of these status in the respective SERs. In addition, I color-coded the spreadsheet using **RED** for items that are still "Open" or "Confirmatory" as of January 24, 2013 in the NRC eRAI database. I did not re-visit any items that were "Closed" previously, and they are color-coded **BLACK**. Items that I updated in the current effort are **GREEN**, and they are either "Unresolved and Closed" (U/Closed) or "Resolved and Closed" (R/Closed).

Please check the attached for either accuracy of the status or update. We can resume discussion of status, actions, including addition of new items or revision of existing items, and responsible party to close out all remaining items in future Wednesday OI calls.

Regards

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Email Number: 3547

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Subject: STP - OI Spreadsheet
Sent Date: 1/24/2013 9:46:26 AM
Received Date: 1/24/2013 9:46:29 AM
From: Tai, Tom

Created By: Tom.Tai@nrc.gov

Recipients:

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MESSAGE	1216	1/24/2013 9:46:29 AM
OI Master List - FINAL STATUS.xlsx		75970

Options

Priority: Standard
Return Notification: No
Reply Requested: No
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Recipients Received:

STP Phase 4 Open Items

Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
1	1	1	1-2	(4282) 01-17	FSAR editorial errors	STP - FSAR revision				R/Closed
2	2	1	1-3	n/a	Plant aging management	Closed				closed
3	3	1	1-4	n/a	Hydrodynamic loads, Alternate Vendor Issue	Closed				closed
4	4	1	1-5	(6049) 01-23 (6167) 01-24	Financial Qualifications	NRC - Reviewed response to RAI 01-24. Conducted meeting on 3/5/12 with no satisfactory resolution. Will prepare SER. See OI 1-11.	TBD	3/5/2012	TBD	Closed
4A	4A	1	1-5	(5856) 01-21 (6046) 01-22	Foreign Ownership	Conducted meeting on 3/5/12 with no satisfactory resolution. Will issue new RAI. See OI 1-12.	3/30/2012	3/5/2012	TBD	Closed.
	4B	1	1-11	(6049) 01-23 (6167) 01-24	Financial Qualifications	Prepare SER.	TBD		TBD	U/Closed Open
	4C	1	1-12	(6400) 01-25	Foreign Ownership	Issue new RAI.			TBD	Open
5	5	1	1-6	3944 01-15	Parts 30, 40 and 70	STP - to update COL revision 7 w/ part 70 changes	FSAR Rev. 7		8/31/2011	Closed
6	6	1	1-7	n/a (4765) 01-18	AIA - Compliance with 10CFR50.150	STP - FSAR revision				R/Closed
7	7	1	1-8	3174 01-14	OQPD RGs - TIED TO RAI 17.5-9	STP - FSAR revision				R/Closed
8	8	1	1-9	n/a	Tier 2 Deps Not in table 1.9S-4	STP - FSAR revision				confirmatory
9	9	1	1-10	n/a	Construction Impact on Units 1 and 2	Closed				closed
10	10	1	tbd	5303, 01-19	AIA revision references	STP - FSAR revision				R/Closed
11	11	1	tbd	5419, 01-20	AIA and departures	STP - FSAR revision				R/Closed
12	12	2	2.4.10-1	251, 02.04.10-1	Flooding parameters important for design of safety related SSCs, MCR Breach	Closed				closed
13	13	2	2.4.12-1	4551, 02.04.12-38	NRC Audit issues and confirm consistency of changes in the geometric mean hydraulic conductivity values.	Closed				closed
14	14	2	2.4.12-1	4551, 02.04.12-39	Complete evaluation of post-construction conditions in the Groundwater Model.	Closed				closed

STP Phase 4 Open Items

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15	15	2	2.4.12-1	4551, 02.04.12-42	Complete Groundwater Model evaluation and perform sensitivity analysis. (Qualitative Response) (Final Response)	Closed				closed
16	16	2	2.4.12-1	4551, 02.04.12-43	Perform sensitivity analysis of the impact of flooded cells on the Groundwater Model results.	Closed				closed
17	17	2	2.4.12-1	4551, 02.04.12-44	Supplemental response to address NRC Audit issues and perform sensitivity analysis and evaluation of the Groundwater Model	Closed				closed
18	18	2	2.4.12-1	4551, 02.04.12-45	Supplemental response to address NRC Audit issues and perform sensitivity analysis	Closed				closed
19	19	2	2.4.12-1	4551, 02.04.12-47	Complete Groundwater Model sensitivity analysis. (Qualitative Response) (Final Response)	Closed				closed
20	20	2	2.4.12-1	4551, 02.04.12-40	Complete validation runs of the Groundwater Model results.	Closed				closed
21	21	2	2.4.12-1	4551, 02.04.12-49	Complete evaluation of the Groundwater Model and perform sensitivity analysis. (Qualitative Response) (Final Response)	Closed				closed
22	22	2	2.4.12-1	4551, 02.04.12-48a	Perform sensitivity analysis of the relief well operation on the groundwater levels and model the CFRW.	Closed				closed
23	23	2	2.4.12-1	4551, 02.04.12-48b	Complete evaluation of the Groundwater Model (i.e., model ground cover and recharge) (Qualitative Response) (Final Response)	Closed				closed
24	24	2	2.4.12-1	4551, 02.04.12-46	Complete Groundwater Model evaluation and perform sensitivity analysis. (Qualitative Response) (Final Response)	Closed				closed
25	25	2	2.4.12-1	4551, 02.04.12-50	Complete evaluation of the Groundwater Model and perform sensitivity analysis. (Qualitative Response) (Final Response)	Closed				closed
26	26	2	2.4.13-1	n/a	Tie w/closure of OI 2.4.4-1 and 2.4.12-1	Closed				closed
27	27	2	2.4.4-1	5101, 02.04.04-14	Threshold maximum velocity and erosion	Closed				closed

STP Phase 4 Open Items

Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
28	28	2	2.4.4-2	5101, 02.04.04-15	Revised design-basis flood characteristics	Closed				closed
29	29	2	2.4.5-1	4477, 5102, 02.04.05-10, 02.04.05-11	SLOSH Model	Closed				closed
30	30	2	2.5.4-37	4824, 02.05.04-37	ITAAC for backfill, shear wave velocity and settlement (specific tests, frequency, and standard)	Closed				closed
31	31	2	TBD	4279, 02.05.02-28	FSAR discrepancy in section 2.5S2	Closed				closed
32	32	3	3.02.02-6	(2920) 03.02.02-6 (2920) 03.02.02-7 (2920) 03.02.02-9 (4463) 03.02.02-10	Request new site specific ITAAC to verify QG and ASME code class and seismic classification	STP - FSAR revision				U/Closed R/Closed U/Closed R/Closed
33	33	3	3.02.02-8	(2920) 03.02.02-8 (4463) 03.02.02-11	Request if FSAR figures will be updated to reflect classification and boundaries.	STP - FSAR revision				U/Closed R/Closed
34	34	3	3.04.02-10	(3322) 03.04.02-4 (4058) 03.04.02-8	COL Information item 3.7, Flood Protection Requirements for Other Structures	STP - FSAR revision				U/Closed U/Closed
35	35	3	3.04.02-11	(3322) 03.04.02-1 (4091) 03.04.02-9	Hydrodynamic loads - Flood Protection	STP - FSAR revision				U/Closed U/Closed
36	36	3	3.04.02-6	(3322) 03.04.02-2 (4058) 03.04.02-6	Watertight doors, FSAR revision, response revised 11/29/10 per audit, NRC relook at status	STP - Revision 6				U/Closed R/Closed
37	37	3	3.04.02-7	(3322) 03.04.02-3 (4058) 03.04.02-7	Below grade tunnels	STP - FSAR revision				U/Closed R/Closed
38	38	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 separately	Action - all technical issues associated with the Ch 3.7 and 3.8 RAIs have been resolved. The remaining action is to confirm the proposed FSAR markup are in FSAR Rev 9.				Confirmatory

STP Phase 4 Open Items

Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
38A	38A		03.05.03-2	3224	Update 3.H.6.6.6 (in 3H.6.9 instead of 3H.6.6.6 as stated in RAI response)	NINA	FSAR Rev 4	1/3/2012		R/Closed
40A	40A	3	03.09.01-1	03.09.01-1	ACSTIC2 V&V	NINA - provide adequate V&V package for ACSTIC2 and clarify ACSTIC versus ACSTIC2. Superceded by RAI 03.09.01-2.	8/18/2011	1/4/2012	NA	Closed and Unresolved
	40C	3	03.09.01-2	03.09.01-2 (6252)	ACSTIC2 V&V issue from audit	NINA responded 2/29/12.	1/19/2012			Closed
	40D	3	03.09.01-2	(6252) 03.09.01-2	ACSTIC2 V&V issue from audit	NRC review response and hold meeting on 3/29/12.	3/29/2012			R/Closed
39	39	3	3.09.02-16	03.09.02-16 to -43 (5058)	Questions from the August 23-25, 2010 audit of WEC, SWE, Toshiba, and XGEN analyses	NRC - to review latest responses to RAI 5058 in 5/16/11	7/7/2011	7/7/2011		Closed
40B	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			R/Closed
40	40	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		Closed
41	41	3	3.09.02-45	03.09.02-45 (5343)	Table 5.4 of FIV Stress Analysis Report of the Control Rod Guide Tube and Control Rod Drive Housing	NRC - to review responses to 3.09.02-45 on 2/28/11, and responses to RAI 5256 and 03.09.02-49 on 6/30/11	8/30/2011	2/16/2012		closed
42	42	3	3.09.02-46	03.09.02-46 (5343)	Tables 5.11 and 5.13 of FIV Stress Analysis Report of the High Pressure Core Flood Sparger and Coupling	NRC - to review responses to 3.09.02-46 on 2/28/11, and responses to RAI 5256 and 03.09.02-49 on 6/30/11	8/30/2011	2/16/2012		closed
43	43	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		Closed
44	44	3	3.09.02-48	03.09.02-48 (5343)	STP steam dryer modal analysis and Japanese hammer test results	NRC - to review responses to 3.09.02-48 on 2/28/11, and responses to RAI 5256 and 03.09.02-49 on 6/30/11	8/30/2011	2/16/2012		closed
45	45	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		Closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
46	46	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		Closed
47	47	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.				R/Closed
48	47A	3	03.09.04-1	(5870) 03.09.04-1	FMCRD spec load requirements	NRC - Review response submitted 8/15/11. Also provide feedback on HCU spec review.	2/29/2012			R/Closed
48	48	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
49	49	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
50	50	3	3.11-1	3328 03.11-1, -2, -3, -5, & -6	Audit of EQ Program in mid-2010	Closed				Closed
51	51	3	3.11-7	4668 3.11-7	Address U3&4 EQP instead of referencing U1&2	STP - FSAR revision				Closed
52	52	4	4.03-1	4161 04.03-3	Inconsistencies with figures in COLA vs. DCD	Closed				closed
53	53	4	4.03-2	4143 04.03-2	Figure 4.3-2 loading patterns, need for safety finding	Closed				closed
54	54	4	4.04-1	(4133) 04.04-3 (5047) 04.04-4	Fuel testing & acceptance criteria	STP - FSAR revision				R/Closed R/Closed
55	55	4	4.06-1	3975 04.06-4	Provide Backfill RPV report	Closed				closed
56	56	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				R/Closed

STP Phase 4 Open Items

Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
57	57	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				R/Closed
58	58	5	5.2.3-2	(3904) 05.02.03-2	Applicant to modify Departures report to clarify impact of departure.	STP - FSAR revision				R/Closed
59	59	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
60	60	5	5.3.2-1	3744 05.03.02-2	Topical Report to support application plant-specific PTLR issues.	Closed				closed
61	61	5	5.3.2-5	4559 05.03.02-5	PTLR revision	Closed				closed
62	62	5	5.4.6-1	2777 05.04.06-2	Issues involving RCIC turbine-pump design.	Closed				closed
63	63	5	5.4.6-3	4334 05.04.06-3	NPSH calculations	Closed				closed
64	64	5	5.4.7-1	2539 05.04.07-1	Wetwell Spray	Closed				closed
65	65	5	5.4.7-8	none	SER ERROR	Closed				closed
66	66	5	5.4-2	(3527) 05.04-2	Applicant to provide contingency plan for RIP maintenance.	STP - FSAR revision				R/Closed
67	67	5	STD DEP T1 2.4-3	Chapter 5 OI 05.04.06-2 05.04.06-3	RCIC Turbine/Pump, See OIs 05.04.06-2 and 05.04.06-3	Closed				closed
68	68	6	6.2.1.1.C-14	4264 06.02.01.01.C-14	Mass and Energy confirmation	STP - FSAR revision				Closed
69	69	6	6.2.1.1.C-15	4264 06.02.01.01.C-15	FSAR Update	STP - FSAR revision				Closed
70	70	6	6.2.1.1.C-16	4264 06.02.01.01.C-16	FSAR Update	STP - FSAR revision				Closed

STP Phase 4 Open Items

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71	71	6	6.2.1.1.C-17	4264 06.02.01.01.C-17	Vacuum breaker COL Item	Closed				Closed
72	72	6	6.2.1.1.C-18	4264 06.02.01.01.C-18	FSAR Update	STP - FSAR revision				Closed
73	73	6	6.2.2-26	4484 06.02.02-26	Latent Debris	Closed				Closed
74	74	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
75	75	6	6.4-2	4330 06.04-2 06.04-3	Maximum Puddle Area, Toxic Gas	Closed				closed
76	76	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
77	77	6	STD DEP T2 9.4-1	Chapter 6 06.04-2	Toxic Gas ITAAC	See OI 06.04-2				closed
78	78	7	7-5	3377 7-5	Data communication	Closed				closed
79	79	7	7.1-15	4241 07.01-15 07.01-16	Setpoint Methodology	STP - FSAR revision				Closed
80	80	7	7.6-2	4533 07.06-2	COL Item 7.2	Closed				closed
81	81	7	7.6-3	4528 07.06-3	STD DEP T1 2.2-1 impact on 7.6	Closed				closed
82	82	7	TBD	07.01-14	RG 1.152 Rev 2 Applicability	Closed				closed
83	83	7	na	(2633) 07.01-4	Figure 7.2-2 Sheet 37 edit	STP - Rev 6 revision				R/Closed
84	84	7	na	(3137) 07.01-5	Typo on item 6	STP - Rev 6 revision				R/Closed
85	85	7	na	(3137) 07-6	5	STP - Rev 6 revision				R/Closed
86	86	8	8.2-2	3494 08.02-22	Transmission line failure	Closed				closed
87	87	8	8.2-3	4017 08.02-23 08.02-24	Inaccessible cable testing program	Closed				closed

STP Phase 4 Open Items

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88	88	8	8.2-4	3731 08.02-20	Communication	Closed				closed
89	89	8	8.3.1-1	3619 08.03.01-14	Diesel temp	STP - FSAR revision				Closed
90	90	8	8.3.1-2	3619 08.03.01-13	Isolation devices	Closed				closed
91	91	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				R/Closed
92	92	8	8.4-1	(3632) 08.04-3	Severe weather	STP - FSAR revision				R/Closed
93	93	8	8.4-2	4602 08.04-4	SBO timing	Closed				closed
94	94	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				R/Closed
95	95	8	STD DEP T1 12.15-2	Chapters 8 and 9 OI 08.03.01-1	RBSRDG HVAC, See OIs 08.03.01-1 and 09.04.05-1	Closed				closed
96	96	9	9.1.1-3	4173 - 09.01.01-3	Criticality analysis will be updated to discuss GE7 fuel	Closed				closed
51	97	9	tbd	5685 (ltr 377) , 09.01.02-2	Descriptions of pools, racks and fuel-handling system	NRC - Review of RAI responses submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
52	98	9	tbd	5685 (ltr 377), 09.01.02-3	Fuel rack loads and load combinations	NRC - Review of RAI responses submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
53	99	9	tbd	5685 (ltr 377), 09.01.02-4	Fuel drop analysis	NRC - Review of RAI responses submitted on 11/14/2011	1/17/2012		6/22/2012	Closed
54	100	9	tbd	5685 (ltr 377), 09.01.02-5	Fuel rack seismic modeling and analysis	NRC - Review of RAI responses submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved

STP Phase 4 Open Items

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55	101	9	tbd	5685 (ltr 377), 09.01.02-6	Fuel rack design checks	NRC - Review of RAI responses submitted on 11/14/2011				open
56	102	9	tbd	5685 (ltr 377), 09.01.02-7	Fuel rack quality assurance programs and quality control issues	NRC - Review of RAI responses submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
57	103	9	tbd	5685 (ltr 377), 09.01.02-8	Fuel rack thermal stress analysis	NRC - review of RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
58	104	9	tbd	5685 (ltr 377), 09.01.02-9	Fuel rack seismic loading	NRC - Review of revised RAI response submitted on 11/14/2011				open
59	105	9	9.2.2-6	(3882) 09.02.02-6	Adjust refrigerator capacity to chilled water outlet temperature.	STP - FSAR revision			6/22/2012	R/Closed
60	106	9	Conf Item 9.3.8-1	103, 09.03.03-1 & 2	STP revised Figure 9.3-11 in Revision 4 with no justifications. NRC reviewer is satisfied with response	Closed			6/22/2012	closed
61	107	9	tbd	5540 (ltr 375), 09.04.03-2	Site Specific ITAAC and Tier 1 exemption for 99% charcoal filter efficiency	NRC - Review 3/31/11 response and supporting white paper submitted on 6/15/11. NRC staff to provide SER update on 9/9/11.	9/9/2011		6/22/2012	Closed
62	108	9	tbd	5540 (ltr 375), 09.04.03-3	Standard or Site Specific departure regarding charcoal efficiency design change	NRC - Review 3/31/11 response and supporting white paper submitted on 6/15/11. NRC staff to provide SER update on 9/9/11.	9/9/2011		6/22/2012	Closed
63	109	9	9.4.5-1	4544 09.04.05-1	RB HVAC	Closed			6/22/2012	closed
64	110	9	9.5.1-11	(4704) 09.05.01-11	Change process LC	STP - FSAR revision			6/22/2012	R/Closed
65	111	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	R/Closed R/Closed R/Closed

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66	112	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	R/Closed R/Closed R/Closed
67	113	10	10.4.3-4	4102 10.04.03-4 (1)	Loop Seal	Closed			6/22/2012	closed
68	114	10	10.4.3-5	4102 10.04.03-4 (2)	Pressure Switch	Closed			6/22/2012	closed
69	115	10	10.4.3-6	4102 10.04.03-4 (6)	Check Valve Deletion	Closed			6/22/2012	closed
70	116	10	10.4.7-3	4440 10.04.07-3	CFS update, STP to put in reading room 10/27/2010, Applicant to propose new Tier 1 exemption based on 10/5/10 telecon	Closed			6/22/2012	closed
71	117	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	R/Closed
72	118	11	11.02-4	(2955) 11.02-4	FSAR editorial errors regarding compliance with 40 CFR 190	STP - Rev 6 revision			6/22/2012	R/Closed
73	119	11	11.02-7	3676 11.02-7	CST source term revisions to FSAR, - being tracked under 12.02-18	Closed			6/22/2012	closed
74	120	11	11.02-8	(3676) 11.02-8	CST descriptions	STP - FSAR revision			6/22/2012	R/Closed
75	121	11	11.02-9	3676 11.02-9	CST descriptions	Closed			6/22/2012	closed
76	122	12	12.02-1	3018 12.02-7 12.02-15 12.02-16 12.02-19	Gaseous effluent data, input parameters, and resulting gaseous effluent dose info, closed pending finished SER	Closed			6/22/2012	closed
77	123	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	R/Closed
78	124	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	R/Closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
79	125	12	12.02-18	(4492) 12.02-18 (5050) 12.02-21	CST radiation source	STP - Rev 6 revision			6/22/2012	U/Closed R/Closed
80	126	12	12.02-2	(3795) 12.02-12 (4099) 12.02-17	40 CFR Part 190	STP - FSAR revision			6/22/2012	R/Closed R/Closed
81	127	12	12.02-3	(3854) 12.02-13	Rad source calibration	STP - FSAR revision			6/22/2012	R/Closed
82	128	12	12.02-4	(3984) 12.02-14 (5049) 12.02-20	Spent Fuel Storage, Chapter 9 related issue, revised calc in reading room	STP - FSAR revision				U/Closed Confirmatory
83	129	12	tbd	tbd	Fixing erroneous DCD table 12.2.-3b and 12.2-3c; a) non-use departure, b) License Condition	STP - FSAR revision				confirmatory
84	130	12	12.03-12.04-1	(3857) 12.03-12.04-12	CUW backwash	STP - FSAR revision			6/22/2012	R/Closed
85	131	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	R/Closed
86	132	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	R/Closed
87	133	12	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.	STP - FSAR revision			6/22/2012	R/Closed
88	134	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	R/Closed
89	135	12	12.05-1	(3856) 12.05-5	High rad areas	STP - FSAR revision			6/22/2012	R/Closed
90	136	12	12.05-2	(4151) 12.05-6	Air samplers	STP - FSAR revision			6/22/2012	R/Closed
91	137	13	13.03-1	3427 13.03-73	Assess TSC radiological consequences	STP - FSAR revision			6/22/2012	Closed
92	138	13	TBD	4535 Ltr. 398 Open - 0 Resolved - 9 Confirmatory - 24	Physical Security - PSP 33 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed
93	139	13	TBD	4451 Ltr. 400 Open - 0 Resolved - 17 Confirmatory - 1	Physical Security - Target Sets 18 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
94	140	13	TBD	4589 Ltr. 402 Open - 0 Resolved - 2 Confirmatory - 9	Physical Security - ICE 11 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed
95	141	13	TBD	4593 Ltr. 402 Open - 0 Resolved - 2 Confirmatory - 2	Physical Security - ICE 4 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed
96	142	13	TBD	4604 Ltr. 404 Open - 0 Resolved - 4 Confirmatory - 6	SGI related - ICE 10 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed
97	143	13	TBD	4605 Ltr.403 Open - 0 Resolved - 3 Confirmatory - 7	SUNSI related - ICE 10 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed
98	144	13	TBD	(3271) 13.06.01-1 (3271) 13.06.01-2	Fitness for Duty 2 questions	STP - FSAR revision				R/Closed Confirmatory
99	145	13	TBD	4905 Ltr.361 Open - 0 Resolved - 2 Confirmatory - 5	Physical Security - ICE 7 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			6/22/2012	closed
100	146	13	TBD	(4530) 13.06.06-1	Cyber Security 1 questions	STP - FSAR revision			6/22/2012	R/Closed
101	147	13	TBD	4974, Ltr.362 Open - 0 Resolved - 17 Confirmatory - 0	17 RAIs on Physical Loss of Large Areas (Questions 19.03-1 to 19.03-17)	STP - FSAR revision			6/22/2012	R/Closed
102	148	14	14.02-14	4581 14.02-14	License info item 14.2 as License Condition	Closed			6/22/2012	closed
103	149	14	14.02-6	2898, 14.02-6	SSC Pre-Op test abstracts. Link to RAI 5256 (OI 3.9.2-44)	STP - STP to submit CVAP reports (tied to Chapter 3) Updates pending 1/24-1/26 audits. Tracked as open item in Chp 3 and closed for Chp 14			6/22/2012	closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
104	150	14	14.02-8	3097 14.02-8	SSC start up test program. Link to RAI 5256 (OI 3.9.2-44)	STP - STP to submit CVAP reports (tied to Chapter 3) Updates pending 1/24-1/26 audits. Tracked as open item in Chp 3 and closed for Chp 14			6/22/2012	closed
105	151	14	14.3.2-8	(4105) 14.3.2-10	ITAAC for structural analysis for as-built data	STP - FSAR revision			6/22/2012	R/Closed
106	152	14	14.3.2-9	(4105) 14.3.2-9	Ext Diesel tanks and vault ITAAC	STP - FSAR revision			6/22/2012	R/Closed
107	153	14	14.3-1	(2868) 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	R/Closed
108	154	14	TBD	(4861) 14.02-15	Intermediate stop and intercept valve test abstract update	Closed			6/22/2012	R/Closed
109	155	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	R/Closed
110	156	15	15.6-1	3387 15.00.03-1	Control Room radiological analysis	Closed			6/22/2012	closed
111	157	15	15.6-2	n/a	TSC Dose Calculation	Closed			6/22/2012	closed
112	158	15	15.A-1	4300 15.08-3	Suppression pool temp change	Closed			6/22/2012	closed
113	159	15	15.E -1	3919 15.08-2	ATWS mitigation logic	Closed			6/22/2012	closed
114	160	16	16.1a	n/a	Instrument Set-point Methodology RAI 7.1-15, tied to supp RAI for 7.1-15	STP - FSAR revision				confirmatory
115	161	16	16.1b	n/a	RCS P-T Limits, RAI	Closed: See OI 5.3.2-1			6/22/2012	closed
116	162	16	16-14	(3046) 16-14	Change "DCD" references to "FSAR"	STP - Rev 6 revision			6/22/2012	R/Closed
117	163	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	R/Closed
118	164	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	R/Closed
119	165	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	R/Closed
120	166	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	R/Closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
121	167	16	16-3	3042, 16-3	Section 3.1 TS editorial changes	STP - Rev 6 revision				confirmatory
122	168	16	16-46	(3191) 16-46	GTS LCO 3.8.1 - No new STD DEP identified	STP - Rev 6 revision			6/22/2012	R/Closed
123	169	16	16-65	(3973) 16-65	Division Functional Testing and add "rev 2" to WCAP-17119P reference	STP - Rev 6 revision			6/22/2012	R/Closed
124	170	16	16-70	(4826) 16-70	Operation with one MSL isolated	STP - Rev 6 revision			6/22/2012	R/Closed
125	171	17	17.04-10	(3089) 17.04-3 (3998) 17.04-10	In response to RAI 17.04-3 (dated September 28, 2009), STP indicated that it would delete from Section 19K.7 of the STP FSAR the text "circuit breakers that will trip CWS pumps." However, based on Revision 4 of the FSAR, this text was not deleted.	STP - Rev 6 revision			6/22/2012	R/Closed
126	172	17	17.04-11	(3998) 17.04-11	Deterministic criteria	STP - FSAR revision			6/22/2012	R/Closed
127	173	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	R/Closed
128	174	17	17.04-7	(3089) 17.04-7	Late 2010 audit to confirm list of risk significant SSCs	STP - FSAR revision			6/22/2012	R/Closed
129	175	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	R/Closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
130	176	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 audit feedback given on 3/10/11. 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	R/Closed
131	177	17	17.5-9	(4373) 17.5-9	NEI 06-14 incorporation	STP - FSAR revision			6/22/2012	U/Closed
132	178	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	R/Closed
133	179	19	19-1	(2412) 19.01-13	Feedwater Line Break Mitigation	STP - FSAR revision			6/22/2012	R/Closed
134	180	19	19-10	(2412) 19.01-23	Fire Risk Evaluation in Turbine Building	STP - FSAR revision			6/22/2012	R/Closed
135	181	19	19-11	(2712) 19-16	Flushing of RPV Water Level Instrumentation Lines in Mode 4 & 5	STP - FSAR revision			6/22/2012	R/Closed
136	182	19	19-12	(4049) 19-30	MCR Breach Evaluation	STP - Rev 6 revision			6/22/2012	R/Closed
137	183	19	19-13	19-1 19-2 19-28	MAAP and Fusible Plug	Closed			6/22/2012	closed
138	184	19	19-14	19-24 19-33	Seismic Effect	Closed			6/22/2012	closed
139	185	19	19-16	(3198) 19-22	Housing of ACIWA Equipment	STP - FSAR revision			6/22/2012	U/Closed
140	186	19	19-17	(4521) 19-31	Demonstrate the Sequence and Plant-Level Seismic HCLPF Capacity	STP - FSAR revision			6/22/2012	R/Closed
141	187	19	19-2	(2412) 19.01-22	PRA Level 1 Results	STP - FSAR revision			6/22/2012	R/Closed
142	188	19	19-3	(3806) 19.01-29	Medium Voltage Electrical Design	STP - FSAR revision			6/22/2012	R/Closed
143	189	19	19-4	(2412) 19.01-22	Evaluation of Common Cause Failures	STP - FSAR revision			6/22/2012	R/Closed

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
144	190	19	19-5	(2754) 19-5	Steam Explosion Potential from Premature Opening of the Drywell Flooder	STP - FSAR revision			6/22/2012	R/Closed
145	191	19	19-6	(4563) 19-32	Capability of Containment Isolation Valves	STP - FSAR revision			6/22/2012	R/Closed
146	192	19	19-7	19.01-25	Resolution of COL Information Items	Closed			6/22/2012	closed
147	193	19	19-8	(4974) 19-3	Impact of Hydrogen Combustion During Shutdown	STP - FSAR revision (RAI 4974 has questions 19.03-1 to 19.03-17 , all with status of "Resolved and Closed))			6/22/2012	R/Closed
148	194	19	19-9	(3958) 19.01-31	Shared Fire Protection System	STP - Rev 6 revision			6/22/2012	R/Closed
149	195	19	Conf Item	(2624) 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 andNo 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	R/Closed
111	196	9	tbd	5987 (ltr 412) 09.0	Spent Fuel Assembly Integrity	NRC-Review RAI response submitted on 11/14/2011				Open
112	197	2	tbd	2.05.04-36	Chapter 2 Settlement ITAAC (CI - 02.05.04.05-1)	STP-Include in FSAR Revision 7	FSAR Rev. 7			Closed
113	198	9	tbd	6070 (ltr 413) 09.0	Supp. fuel rack RAI to RAI 09.01.02-2, parts a & h	NRC - review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
114	199	9	tbd	6070 (ltr 413) 09.0	Supp. fuel rack RAI to RAI 09.01.02-3, part c	NRC - review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
115	200	9	tbd	6070 (ltr 413) 09.0	Supp. fuel rack RAI to RAI 09.01.02-4, part a	NRC - review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed
116	201	9	tbd	6070 (ltr 413) 09.0	Supp. fuel rack RAI to RAI 09.01.02-5, parts d & e	NRC - review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
117	202	9	tbd	6070 (ltr 413) 09.0	Supp. fuel rack RAI to RAI 09.01.02-6, part a	NRC - review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed / Unresolved
118	203	9	tbd	6070 (ltr 413) 09.0	Supp. fuel rack RAI to RAI 09.01.02-7	NRC - review RAI response submitted on 11/14/2011	1/17/2012		6/22/2012	Closed

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119	204	2	tbd	tbd	Chapter 2.4 Potential Cls	NRC - potential Cls for FSAR Revision 7	FSAR Rev. 7			Open
120	205	12	tbd	(5049) 12.02-20	Chapter 12 RAI response	STP - include in FSAR Revision 7	FSAR Rev. 7			confirmatory
121	206	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	207	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	208	13	tbd	3271 (ltr 203) 13.06	Chapter 13.7-FFD	STP-Include in FSAR Revision 7	FSAR Rev. 7			Closed
169	209	16	16-3	3042, 16-3	Section 3.1 TS editorial changes	STP - include in FSAR Revision 7	FSAR Rev. 7			Closed
196	210	19	19-9	(3958) 19.01-31	Shared Fire Protection System (See also Item # 194)	STP - High winds, RAI response to be provided in FSAR Revision 7	FSAR Rev. 7			R/Closed
197	211	15	tbd	tbd	Departure STP DEP 15.6-1	STP - include in FSAR Revision 7	FSAR Rev. 7			open
198	212	19	tbd	tbd	ACRS Action Item #100 for 19.14 Attachment "A" - LOLA	STP - include in FSAR Revision 7	FSAR Rev. 7			Closed
199	213	7	07.02-3	3130, 07.02-3	Future revision to revert to DCD value of 5 ms for sequential events interval	NRC - Clarify confirmatory status	11/30/2011			closed
200	214	7	07.02-4	3130, 07.02-4	Figure 7.9S-1 replacing Figure 7A-1	NRC - Clarify confirmatory status	11/30/2011			closed
201	215	7	07.03-4	3131, 07.03-4	Incorporation of proposed optimal mode status tracked as confirmatory	NRC - Clarify confirmatory status	11/30/2011			closed
202	216	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			R/Closed
203	217	11	tbd	Draft RAI 5124/3171, 11.05-1	Chapter 11 draft RAI	NRC - Determine if Issuance of RAI is needed, RAI NOT ISSUED				Closed
204	218	2	02.03.01	RAI 02.03.01-24, 6	Chapter 2 Extreme winds RAI	STP - RAI Response (Supp. 6)				Confiratory
205	219	9	tbd	RAI 09.01.02-17, 6263, Question 23123	Chapter 9, Fuel Racks, WCAP clarifications	STP - RAI Response				open
206	220	9	tbd	RAI 09.01.02-18, 6263, Question 23124	Chapter 9, Fuel Racks, functional capability and/or structural integrity	STP - RAI Response				open

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
207	221	9	tbd	RAI 09.01.02-19, 6263, Question 23125	Chapter 9, Fuel Racks, dropped fuel assembly radiological consequences	STP - RAI Response				open
208	222	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				open
209	223	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				open
210	224	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				open
211	225	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				open
212	226	9	tbd	RAI 09.01.02-24, 6263, Question 23130	Chapter 9, Fuel Racks, TGSIS discussion	STP - RAI Response				open
213	227	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				open
214	228	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				open
215	229	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				open
216	230	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				open

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Item #	Item #"	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
217	231	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				open
218	232	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				open
219	233	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				open
220	234	9	tbd	RAI 09.01.02-32, 6263, Question 23138	Chapter 9, Fuel Racks, fuel impact submodel	STP - RAI Response				open