PMSTPCOL PEmails

From: Eudy, Michael
Sent: Monday, December 27, 2010 1:53 PM
To: Chappell, Coley; Elton, Loree
Cc: STPCOL; Hiruo, Elaine
Subject: South Texas Open Items call 12/29/10
Attachments: OI List_12-29-10.pdf; 12-29-10 Agenda.pdf

Importance: High

Coley,

I have attached the agenda for our weekly call along with the current Open Items list to be discussed during the call. The conference call info is below:

Call in number: 888-769-9037
Access code: 25126

Michael A. Eudy - Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/NGE1&2
301-415-3104

Hearing Identifier: SouthTexas34Public_EX
Email Number: 2706

Mail Envelope Properties (9E28710E0B702149AEC66397286364404E782EED52)

Subject: South Texas Open Items call 12/29/10
Sent Date: 12/27/2010 1:53:08 PM
Received Date: 12/27/2010 1:53:10 PM
From: Eudy, Michael

Created By: Michael.Eudy@nrc.gov

Recipients:
"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
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Files	**Size**	**Date & Time**
MESSAGE	346	12/27/2010 1:53:10 PM
OI List_12-29-10.pdf	70069	
12-29-10 Agenda.pdf	94229	

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

Open Item Count

	5/26/2010	6/1/2010	6/9/2010	6/14/2010	6/22/2010	6/29/2010	7/6/2010
OPEN*	84	86	73	69	62	62	57
CLOSED	16	16	17	20	23	22	24
CONFIRMATORY	26	28	37	38	42	43	46

	7/12/2010	7/20/2010	7/27/2010	8/3/2010	8/10/2010	8/16/2010	9/1/2010
OPEN*	68	66	57	55	57	75	73
CLOSED	28	30	38	38	39	39	40
CONFIRMATORY	47	47	48	51	51	54	54

	9/15/2010	9/22/2010	9/29/2010	10/6/2010	10/20/2010	10/27/2010	11/3/2010
OPEN*	71	69	66	67	67	67	67
CLOSED	40	43	44	45	45	45	45
CONFIRMATORY	58	58	62	62	65	65	65

	11/10/2010	11/17/2010	11/24/2010	12/8/2010	12/15/2010	12/22/2010	12/29/2010
OPEN*	72	70	63	62	63	67	67
CLOSED	43	43	51	51	51	52	52
CONFIRMATORY	75	74	76	79	80	79	79

	6/14/2010	6/22/2010	6/29/2010	7/6/2010	7/12/2010	7/20/2010	7/27/2010
STP Action	36	20	22	24	29	27	24
NRC Action	26	35	33	27	32	33	30

	8/2/2010	8/10/2010	8/16/2010	9/1/2010	9/15/2010	9/22/2010	9/29/2010
STP Action	22	26	52	47	33	43	40
NRC Action	33	29	21	23	37	30	28

	10/6/2010	10/20/2010	10/27/2010	11/3/2010	11/10/2010	11/17/2010	11/24/2010
STP Action	29	26	26	17	52	25	28
NRC Action	36	42	42	47	35	40	37

	12/8/2010	12/15/2010	12/22/2010	12/29/2010
STP Action	42	47	47	47
NRC Action	40	39	44	44

*Note: Some Open Items are tracked more than once in two separate chapters. For this reason, the number of items for STP Action and NRC Action may not add up to the total number of Open Items.

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
1	1	1-1	n/a	Tier 1 Departure exemptions	NRC - exemption issuance (depends on completion of all other SER chapters and FEIS)	2nd Quarter 2011		End of P4	open
2	1	1-2	01-17	FSAR editorial errors	STP - FSAR revision				confirmatory
3	1	1-3	n/a	Plant aging management	Closed			8/30/2010	closed
4	1	1-4	n/a	Hydrodynamic loads, Alternate Vendor Issue	Closed			7/15/2010	closed
5	1	1-5	n/a	Financial Qualifications	NRC - Staff to review pending information in 10/5 Rev. 4 submission	4th Quarter 2010	2nd quarter 2011	2nd quarter 2011	open
6	1	1-6	3944 01-15	Parts 30, 40 and 70	Closed			6/30/2010	closed
7	1	1-7	n/a 01-18	AIA - Compliance with 10CFR50.150	STP - FSAR revision	10/15/2010	9/30/2010		confirmatory
8	1	1-8	3174 01-14	OQPD RGs - TIED TO RAI 17.5-9	STP - FSAR revision			5/26/2010	confirmatory
9	1	1-9	n/a	Tier 2 Deps Not in table 1.9S-3	STP - FSAR revision			7/30/2010	confirmatory
10	1	1-10	n/a	Construction Impact on Units 1 and 2	NRC - 6/10/10 response under staff review	~~10/30/2010~~ 11/30/2010	~~10/30/2010~~ 11/30/2010	~~10/30/2010~~ 11/30/2010	open
11	2	2.4.10-1	251, 02.04.10-1	Flooding parameters important for design of safety related SSCs	STP - SER Open Item				open
12	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
13	2	2.4.12-1	4551, 02.04.12-39	Complete evaluation of post-construction conditions in the Groundwater Model.	Closed				closed
14	2	2.4.12-1	4551, 02.04.12-42	Complete Groundwater Model evaluation and perform sensitivity analysis. (Qualitative Response) (Final Response)	Closed				closed
15	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
16	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

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
17	2	2.4.12-1	4551, 02.04.12-45	Supplemental response to address NRC Audit issues and perform sensitivity analysis and	Closed				closed
18	2	2.4.12-1	4551, 02.04.12-47	Complete Groundwater Model sensitivity analysis. (Qualitative Response) (Final Response)	closed				closed
19	2	2.4.12-1	4551, 02.04.12-40	Complete validation runs of the Groundwater Model results.	NRC - response under NRC review	12/15/2011	1/15/2011	1/15/2011	open
20	2	2.4.12-1	4551, 02.04.12-49	Complete evaluation of the Groundwater Model and perform sensitivity analysis. (Qualitative Response) (Final Response)	STP - RAI revision expected	1/3/2010			closed
21	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.	STP - Submit revised response 12/12/10	12/12/2010	1/15/2011	1/15/2011	open
22	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)	STP - Submit revised response 12/12/10	12/12/2010	1/15/2011	1/15/2011	open
23	2	2.4.12-1	4551, 02.04.12-46	Complete Groundwater Model evaluation and perform sensitivity analysis. (Qualitative Response) (Final Response)	STP - Submit supp response 12/15/10	12/15/2010	1/15/2011	1/15/2011	open
24	2	2.4.12-1	4551, 02.04.12-50	Complete evaluation of the Groundwater Model and perform sensitivity analysis. (Qualitative Response) (Final Response)	STP - Submit supp response 12/15/10	12/15/2010	1/15/2011	1/15/2011	open
25	2	2.4.13-1	n/a	Tie w/closure of OI 2.4.41 and 2.4.12-1	STP - SER Open Item				open
26	2	2.4.4-1	3141, 02.04.04-14	Threshold maximum velocity and erosion	STP - to submit data files				open
27	2	2.4.4-2	5101, 02.04.04-15	Revised design-basis flood characteristics	STP - to submit data files				open
28	2	2.4.5-1	4477, 5102, 02.04.05-10, 02.04.05-11	SLOSH Model	NRC - Review 11/22 response				open
30	2	2.5.4-37	4824, 02.05.04-37	ITAAC for backfill, shear wave velocity and settlement (specific tests, frequency, and standard)	NRC - closed pending OGC review				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
31	2	STD DEP T1 5.0-1	Chapter 2 **Ch. 2 OIs not yet finalized**	Site Parameters	NRC - See Chapter 2				open
32	2	TBD	4279, 02.05.02-28	FSAR discrepancy in section 2.5S2	NRC - Review 10/11 response	11/11/2010	12/11/2010	12/11/2010	open
33	3	3.07.01-27	03.07.01-19 03.07.01-27 (4817)	SSI analysis for DGFOSV (Items 1a to 1d and Item 2)	STP - partial response in 9/15/10, 2 supp responses due 12/28/10 and 1/17/11	1/17/2010	2/17/2011	3/1/2011	open
34	3	3.08.04-18	03.08.04-18 (4046)	Demonstrate the RWB design meets RG 1.143 and DCD Section 3.7.2.8(2)	NRC - Response rec'd 8/19/10. Potential audit item in October 2010. Revised response in 9/15/10.	10/22/2010	11/19/2010	3/1/2011	open
35	3	3.02.02-6	2920 03.02.02-6 03.02.02-7	Request new site specific ITAAC to verify QG and ASME code class and seismic classification	STP - FSAR revision			7/9/2010	confirmatory
36	3	3.02.02-8	2920 03.02.02-8 03.02.02-11	Request if FSAR figures will be updated to reflect classification and boundaries.	STP - FSAR revision			7/9/2010	confirmatory
37	3	3.04.02-10	4992 03.04.02-4 (3322) 03.04.02-8 (4058)	COL Information item 3.7, Flood Protection Requirements for Other Structures	NRC - Review 9/15/10 response, 11/29/10 revised response in	10/15/2010	10/15/2010	10/30/2010	open
38	3	3.04.02-11	4993 03.04.02-1 (3322) 03.04.02-9 (4091)	Hydrodynamic loads - Flood Protection	NRC - Review 9/15/10 response	10/15/2010	10/15/2010	10/30/2010	open
39	3	3.04.02-6	4058 03.04.02-2 (3322) 03.04.02-6 (4058)	Watertight doors	STP - FSAR revision, response revised 11/29/10 per audit, NRC relook at status			~~8/13/2010~~ 10/30/2010	confirmatory
40	3	3.04.02-7	4058 03.04.02-3 (3322) 03.04.02-7 (4058)	Below grade tunnels	STP - FSAR revision			8/13/2010	confirmatory
41	3	3.07.01-25	03.07.01-17 03.07.01-25 (4817)	Site specific SSI analysis for RB/CB (Three items)	NRC - all revised response in on 11/29/10			3/1/2011	open
42	3	3.07.01-26	03.07.01-18 03.07.01-26 (4817)	SSI model details for RB & CB	NRC - Review 9/15/10 response			3/1/2011	open
43	3	3.07.01-28	03.07.01-20 03.07.01-28 (4817)	Control Building stress analyses	NRC - Review 9/15/10 response			3/1/2011	open
44	3	3.07.02-22	03.07.02-12 03.07.02-13 03.07.02-22 (4818)	Dynamic soil pressures for UHS/RSWPH	STP - to submit RAI response 1/31/11			3/1/2011	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
45	3	3.07.02-23	03.07.02-14 03.07.02-23 (4818)	Depth of soil separation for UHS/RSWPH	NRC - Review 9/15/10 response			3/1/2011	open
46	3	3.07.02-24	03.07.02-15 03.07.02-24 (4818)	UHS Basin/RSW Pump House (Items 1a&1b) and RSW Piping Tunnel (Items 1&2)	NRC - supplemental response (S2) received 12/14/10. NRC review.				open
47	3	3.07.02-25	03.07.02-16 03.07.02-25 (4818)	Adequacy of the SSI mesh for transmitting frequencies of at least 33 Hz (UHS/RSWPH)	NRC - response received 12/14/10. NRC review.				open
48	3	3.07.02-26	03.07.02-17 03.07.02-26 (4818)	Quantitative assessment using existing soil mesh size (UHS/RSWPH)	NRC - response received 12/14/10. NRC review.				open
49	3	3.07.02-27	03.07.02-19 03.07.02-27 (4818)	Dynamic soil pressures on Radwaste Bldg walls	NRC - response received 12/14/10. NRC review.				open
50	3	3.07.02-28	03.07.02-21 03.07.02-28 (4818)	Confirmatory analyses of UHS basin and RSW pump house (2 items)	STP - to submit RAI response 1/31/11			3/1/2011	open
51	3	3.07.02-29	03.07.02-29 (5226)	Actions from October Chicago audit	STP - submit response by 1/7/11	1/7/2011			open
52	3	3.08.01-10	03.08.01-7 03.08.01-10 (4832)	Flood and seismic loads for RB/CB (Items 1, 2, & 3)	NRC - Supp response in 11/29/10			3/1/2011	open
53	3	3.08.01-9	03.08.01-6 03.08.01-9 (4832)	Watertight doors (Items 1, 2a, 2b, 3, 4, 5a, 5b, 5c, & 6)	NRC - Supp response in 11/29/10			3/1/2011	open
54	3	3.08.04-17	03.08.04-1 (2964) 03.08.04-17 (4046)	Compare site specific design loads with DCD loads, and provide RB & CB lateral soil pressures.	NRC - Response rec'd 8/19/10. Potential audit item in October 2010.	10/22/2010	11/19/2010	3/1/2011	open
55	3	3.08.04-28	03.08.04-28 03.08.04-28 (4833)	Foundation waterproofing material for RB/CB (Items 1, 2, 3a, 3b, & 4)	NRC - Review 9/15/10 response	10/15/2010	10/15/2010	3/1/2011	open
56	3	3.08.04-29	03.08.04-22 03.08.04-29 (4833)	Design of site-specific CAT I structures - UHS/RSWPH (Items 1 & 2)	NRC - Review 9/15/10 response	10/15/2010	10/15/2010	3/1/2011	open
57	3	3.08.04-30	03.08.04-23 03.08.04-30 (4833)	GDC 2 requirements for UHS/RSEPH (Items 1, 2a, 2b, 3, 4, 5, 6, 7), DGFOSV (item 8), all structures (item 9), & DGFOT (item 10)	STP - to submit RAI responses on 1/17/11 and 1/31/11	1/31/2011	2/31/2011	3/1/2011	open
58	3	3.08.04-31	03.08.04-25 03.08.04-31 (4833)	Interface between CAT I buildings and tunnels for all structures (items 1 & 3) and DGFOT (item 2)	STP - partial response in 9/15/10 and supp response due 1/17/11	1/17/2011	2/17/2011	3/1/2011	open
59	3	3.08.04-32	03.08.04-27 03.08.04-32 (4833)	COL Information item on Structural Integrity Test	NRC - Review 9/15/10 response	10/15/2010	10/15/2010	3/1/2011	open
60	3	3.08.04-33	03.08.04-33 (4833)	Part 1 justifies 1997 ACI 349 (vs 1980). Part 2 compares 1984 N690 (vs 1994). Part 3 compares ASME III Div 2 Ed 2001 with 2003 Addenda (vs 1989)	NRC - Review 9/15/10 response	10/15/2010	10/15/2010	3/1/2011	open
61	3	3.08.05-4	03.08.05-2 03.08.05-4 (4834)	Differential settlement values for RB/CB (Items 1 &2)	NRC - supp response in 11/18/10	11/18/2010	12/18/2010	3/1/2011	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
62	3	3.08.05-5	03.08.05-3 03.08.05-5 (4834)	Settlement of foundations and structures for RB/CB (Items 1 &2)	NRC - supp response in 11/18/10	11/18/2010	12/18/2010	3/1/2011	open
63	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 - reviwing responses. Initial responses received 10/25. Supplemental responses received 11/30.	12/30/2010			open
64	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	STP - to complete CVAP by Jan 30, 2011.				open
65	3	3.09.02-45	03.09.02-45 (xxxx)	Questions from December 1, 2010 audit of new CVAP approach (MTI & OE description)	NRC - will issue RAI	1/7/2011			
66	3	3.09.03-6	4793, 03.09.03-6	Complete audit of design specifications.	STP - to complete spec by Dec 15, 2010 for NRC audit.	1/30/2011			open
67	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			3/4/2011	confirmatory
68	3	3.09.06-5	2899 03.09.06-5, -7, -8, -9, -14, -23	Revise IST Table in Table 3.9-8	STP - Submit revised response 12/16/10		1/16/2011	3/4/2011	open
69	3	3.11-1	3328 03.11-1, -2, -3, -5, & -6	Audit of EQ Program in mid-2010	STP - FSAR revision. Based on Dec 7 audit, STP needs to docket the EER and EQP.	Mid-January 2011		3/4/2011	confirmatory
70	3	3.11-7	4668 3.11-7	Address U3&4 EQP instead of referencing U1&2	STP - FSAR revision			3/4/2011	confirmatory
71	13	TBD	4905 Ltr.361 Open - 5 Resolved - 1 Confirmatory - 1	Physical Security - ICE 7 questions	NRC - reviewing revised RAI responses received on 12/9/2010.	12/17/2010	11/5/2010	~~11/30/2010~~ 12/17/2010	open
72	3	TBD	03.07.02-30 (5318)	TB ARS Part 21 evaluation related	STP - draft received 12/17/10	12/23/2010			
73	4	4.03-1	4161 04.03-3	Inconsistencies with figures in COLA vs. DCD	Closed			9/30/2010	closed
74	4	4.03-2	4143 04.03-2	Figure 4.3-2 loading patterns, need for safety finding	Closed			9/30/2010	closed

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
75	4	4.04-1	4133, 04.04-3, 5047, 04.04-4	Fuel testing & acceptance criteria	STP - to submit RAI 04.04-4				open
76	4	4.06-1	3975 04.06-4	Provide Backfill RPV report	Closed	12/15/2010		6/30/2010	closed
77	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			6/30/2010	confirmatory
78	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			6/30/2010	confirmatory
79	5	5.2.3-2	3904 05.02.03-2	Applicant to modify Departures report to clarify impact of departure.	STP - FSAR revision			6/30/2010	confirmatory
80	5	5.2.5-5	4354 05.02.05-5	Alarm response procedures and Surveillance procedures to be added to FSAR.	STP - FSAR revision			6/30/2010	confirmatory
81	5	5.3.2-1	3744 05.03.02-2	Topical Report to support application plant-specific PTLR issues.	Closed			10/30/2010	closed
82	5	5.3.2-5	4559 05.03.02-5	PTLR revision	Closed			10/30/2010	closed
83	5	5.4.6-1	2777 05.04.06-2	Issues involving RCIC turbine-pump design.	Closed			6/30/2010	closed
84	5	5.4.6-3	4334 05.04-06-3	NPSH calculations	Closed			7/30/2010	closed
85	5	5.4.7-1	2539 05.04.07-1	Wetwell Spray	Closed			6/30/2010	closed
86	5	5.4.7-8	none	SER ERROR	Closed			6/30/2010	closed
87	5	5.4-2	3527 05.04-2	Applicant to provide contingency plan for RIP maintenance.	STP - FSAR revision			6/30/2010	confirmatory
88	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
89	6	6.2.1.1.C-14	4264 06.02.01.01.C-14	Mass and Energy confirmation	STP - FSAR revision			7/26/2010	confirmatory
90	6	6.2.1.1.C-15	4264 06.02.01.01.C-15	FSAR Update	STP - FSAR revision			7/26/2010	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
91	6	6.2.1.1.C-16	4264 06.02.01.01.C-16	FSAR Update	STP - FSAR revision			7/26/2010	confirmatory
92	6	6.2.1.1.C-17	4264 06.02.01.01.C-17	Vacuum breaker COL Item	Closed			7/26/2010	closed
93	6	6.2.1.1.C-18	4264 06.02.01.01.C-18	FSAR Update	STP - FSAR revision			7/26/2010	confirmatory
94	6	6.2.2-26	4484 06.02.02-26	Latent Debris	Closed				closed
95	6	6.2.2-27	4577, 06.02.02-27 5064, 06.02.02-28, 29, 30 and 31	Aluminum Corrosion	STP - FSAR revision		11/29/2010	12/23/2010	confirmatory
96	6	6.4-2	4330 06.04-2 06.04-3	Maximum Puddle Area, Toxic Gas	Closed	11/24/2010		8/16/2010	closed
97	6	STD DEP T2 9.4-1	Chapter 6 06.04-2	Toxic Gas ITAAC	See OI 06.04-2		7/1/2010	7/27/10	closed
97	7	7-5	3377 7-5	Data communication	Closed	12/15/2010		6/18/2010	closed
98	7	7.1-15	4241 07.01-15 07.01-16	Setpoint Methodology	STP - FSAR revision				confirmatory
99	7	7.6-2	4533 07.06-2	COL Item 7.2	Closed			7/13/2010	closed
100	7	7.6-3	4528 07.06-3	STD DEP T1 2.2-1 impact on 7.6	Closed			7/6/2010	closed
101	7	TBD	07.01-14	RG 1.152 Rev 2 Applicability	Closed			10/23/2010	closed
102	8	8.1-1	3848 08.01-2	EMI	Closed			5/26/2010	closed
103	8	8.2-1	3731 08.02-21	Switchyard battery	STP - FSAR revision			5/26/2010	confirmatory
104	8	8.2-2	3494 08.02-22	Transmission line failure	Closed			5/26/2010	closed
105	8	8.2-3	4017 08.02-23 08.02-24	Inaccessible cable testing program	Closed		8/15/2010	8/27/2010	closed
106	8	8.2-4	3731 08.02-20	Communication	Closed			5/26/2010	closed
107	8	8.3.1-1	3619 08.03.01-14	Diesel temp	STP - FSAR revision			5/26/2010	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
108	8	8.3.1-2	3619 08.03.01-13	Isolation devices	Closed			5/26/2010	closed
109	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
110	8	8.4-1	3632 08.04-3	Severe weather	STP - FSAR revision			5/26/2010	confirmatory
111	8	8.4-2	4602 08.04-4	SBO timing	Closed			8/27/2010	closed
112	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
113	8	STD DEP T1	Chapters 8 and 9 OI 08.03.01-1	RBSRDG HVAC	See OIs 08.03.01-1 and 09.04.05-1				closed
114	9	9.1.1-3	4173 - 09.01.01-3	Criticality analysis	STP - resubmit bounding criticality analysis	1/21/2011			open
115	9	9.1.1-4	4561, 09.01.01-4	Basis for WCAP 17311 and 17331	NRC - reviewing WCAPs received 12/9/10. Tentative audit in February 2011.	1/21/2011			open
116	9	9.2.2-6	3882 09.02.02-6	Adjust refrigerator capacity to chilled water outlet temperature.	STP - FSAR revision				confirmatory
117	9	9.3.8-1	103, 09.03.08-1 & -2	STP revised Figure 9.3-11 in Revision 4 with no justifications.	STP - supplement RAI 103 response to provide basis and justifications of the changes to Figure 9.3-11.	1/21/2011			open
118	9	9.4.5-1	4544 09.04.05-1	RB HVAC	Closed				closed
119	9	9.5.1-11	4704 09.05.01-11	Change process LC	STP - FSAR revision				confirmatory
120	10	10.2-3	3008, 10.02-1 4103, 10.02-3 4860, 10.02-5	Normal speed control mode	NRC -To review 10/15 response, close by end of December	12/9/2010	12/30/2010	1/30/2011	open
121	10	10.2-4	3008, 10.02-2 4103, 10.02-4 4860, 10.02-6, 7, 8	Turbine Trip Set-Points	NRC -To review 10/15 response, close by end of December	12/30/2010	12/30/2010	1/30/2011	open
122	10	10.4.3-4	4102 10.04.03-4 (1)	Loop Seal	Closed	12/30/2010		~~7/1/2010~~ 7/27/10	closed

STP Phase 4 Open Items

Item #	Chp	OI #	RAI #	Description	Next Action	Next Action Completion Date	OI Closure Date	SER Completion Date	OI Status
123	10	10.4.3-5	4102 10.04.03-4 (2)	Pressure Switch	Closed			~~7/1/2010~~ 7/27/10	closed
124	10	10.4.3-6	4102 10.04.03-4 (6)	Check Valve Deletion	Closed			~~7/1/2010~~ 7/27/10	closed
125	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	NRC -To review 10/20/10 RAI response, close by end of December		12/30/2010	1/30/2011	open
126	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				confirmatory
127	11	11.02-4	2955 11.02-4	FSAR editorial errors regarding compiance with 40 CFR 190	STP - Rev 6 revision	12/30/2010			confirmatory
128	11	11.02-7	3676 11.02-7	CST source term revisions to FSAR	Closed - being tracked under 12.02-18			8/18/2010	closed
129	11	11.02-8	3676 11.02-8	CST descriptions	STP - FSAR revision			8/18/2010	confirmatory
130	11	11.02-9	3676 11.02-9	CST descriptions	Closed			8/18/2010	closed
131	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	NRC - Closed pending finished SER				closed
132	12	12.02-18	4492, 12.02-18 5050, 12.02-21	CST radiation source	STP - FSAR revision	12/15/2010			confirmatory
133	12	12.02-2	3795 12.02-12 12.02-17	40 CFR Part 190	STP - FSAR revision	11/27/2010		7/27/2010	confirmatory
134	12	12.02-3	3854 12.02-13	Rad source calibration	STP - FSAR revision			6/30/2010	confirmatory
135	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 - to place supplemental information in reading room. As of Dec 15 (OI call) , staff is still waiting.	???			open
136	12	12.03-12.04-1	3857 12.03-12.04-12	CUW backwash	STP - FSAR revision	10/27/2010			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
137	12	12.03-12.04-2	3982 12.03-12.04-13	ARM and airborne monitoring calibration methods	STP - Rev 6 revision				confirmatory
138	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			8/5/2010	confirmatory
139	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			8/5/2010	confirmatory
140	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				confirmatory
141	12	12.05-1	3856 12.05-5	High rad areas	STP - FSAR revision			6/30/2010	confirmatory
142	12	12.05-2	4151 12.05-6	Air samplers	STP - FSAR revision			6/30/2010	confirmatory
143	13	13.03-1	3427 13.03-73	Assess TSC radiological consequences	STP - FSAR revision			8/31/2010	confirmatory
144	13	TBD	4535 Ltr. 398 Open - 2 Resolved - 9 Confirmatory - 22	Physical Security - PSP 33 questions	NRC - reviewing revised RAI responses received on 12/9/2010.			~~11/30/2010~~ 12/17/2010	open
145	13	TBD	4451 Ltr. 400 Open - 9 Resolved - 9 Confirmatory - 0	Physical Security - Target Sets 18 questions	NRC - reviewing revised RAI responses received on 12/9/2010.		11/5/2010	~~11/30/2010~~ 12/17/2010	open
146	13	TBD	4589 Ltr. 402 Open - 2 Resolved - 2 Confirmatory - 7	Physical Security - ICE 11 questions	NRC - reviewing revised RAI responses received on 12/9/2010.	12/17/2010	11/5/2010	~~11/30/2010~~ 12/17/2010	open
147	13	TBD	4593 Ltr. 402 Open -1 Resolved - 2 Confirmatory - 1	Physical Security - ICE 4 questions	NRC - reviewing revised RAI responses received on 12/9/2010.	12/17/2010	11/5/2010	~~11/30/2010~~ 12/17/2010	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
148	13	TBD	4604 Ltr. 404 Open - 1 Resolved - 4 Confirmatory - 5	SGI related - ICE 10 questions	NRC - reviewing revised RAI responses received on 12/9/2010.	12/17/2010	11/5/2010	~~11/30/2010~~ 12/17/2010	open
149	13	TBD	4605 Ltr.403 Open - 1 Resolved - 3 Confirmatory - 6	SUNSI related - ICE 10 questions	NRC - reviewing revised RAI responses received on 12/9/2010.	12/17/2010	11/5/2010	~~11/30/2010~~ 12/17/2010	open
150	13	TBD	3271 Ltr. 203	Fitness for Duty 2 questions	STP - FSAR revision			10/28/2010	confirmatory
151	13	TBD	4530 Ltr. 399	Cyber Security 1 questions	STP - FSAR revision	12/17/2010		7/14/2010	confirmatory
152	13	TBD	4133, 04.04-3	Latent Fiber Assumption for Downstream Effects Testing	STP - To be covered by revised response to 04.04-4		12/15/2010	12/23/2010	open
153	13	TBD	4974, Ltr.362 Open -17	17 RAIs on Physical Loss of Large Areas	STP-Provide RAI responses to all 17 RAIs.	12/17/2010	1/5/2011	1/7/2011	open
154	14	14.02-14	4581 14.02-14	License info item 14.2 as License Condition	Closed	12/15/2010		~~6/30/2010~~ 8/30/2010	closed
155	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)	1/24/2011	~~6/17/2010~~	~~8/26/2010~~	open
156	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)	1/24/2011	~~6/17/2010~~	~~8/26/2010~~	open
157	14	14.3.2-8	4105 14.3.2-10	ITAAC for structural analysis for as built data	STP - FSAR revision				confirmatory
158	14	14.3.2-9	4105 14.3.2-9	Ext Diesel tanks and vault ITAAC	STP - FSAR revision				confirmatory
159	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 - To be revised in Rev 6	10/20/2010			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
160	14	TBD	4861, 14.02-15	Intermediate stop and intercept valve test abstract update	Closed		10/20/2010	11/5/2010	confirmatory
161	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		10/20/2010	11/5/2010	confirmatory
162	15	15.6-1	3387 15.00.03-1	Control Room radiological analysis	Closed	10/20/2010		6/1/2010	closed
163	15	15.6-2	n/a	TSC Dose Calculation	Closed			7/30/2010	closed
164	15	15.A-1	4300 15.08-3	Suppression pool temp change	Closed			6/1/2010	closed
165	15	15.E -1	3919 15.08-2	ATWS mitigation logic	Closed			6/1/2010	closed
166	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
167	16	16.1b	n/a	RCS P-T Limits, RAI	Closed: See OI 5.3.2-1				closed
168	16	16-14	3046, 16-14	Change "DCD" references to "FSAR"	STP - Rev 6 revision				confirmatory
169	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				confirmatory
170	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				confirmatory
171	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				confirmatory
172	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				confirmatory
173	16	16-3	3042, 16-3	Section 3.1 TS editorial changes	STP - Rev 6 revision				confirmatory
174	16	16-46	3191, 16-46	GTS LCO 3.8.1 - No new STD DEP identified	STP - Rev 6 revision				confirmatory
175	16	16-65	3973, 16-65	Division Functional Testing and add "rev 2" to WCAP-17119P reference	STP - Rev 6 revision				confirmatory
176	16	16-70	4826 16-70	Operation with one MSL isolated	STP - Rev 6 revision				confirmatory
177	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	11/4/2010			confirmatory
178	17	17.04-11	3998 17.04-11	Deterministic criteria	STP - FSAR revision			6/2/2010	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
179	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				confirmatory
180	17	17.04-7	3089, 17.04-7	Late 2010 audit to confirm list of risk significant SSCs	STP - FSAR revision		12/4/2010	1/4/2011	confirmatory
181	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/STP - Confirmatory item pending RAP audit, draft audit plan sent to STP 9/29/10	11/4/2010	12/4/2010	1/4/2011	confirmatory
182	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/STP - Confirmatory item pending RAP audit, draft audit plan sent to STP 9/29/10	11/4/2010	12/4/2010	1/4/2011	confirmatory
183	17	17.5-9	4373 17.5-9	NEI 06-14 incorporation	STP - FSAR revision			6/30/2010	confirmatory
184	19	19-1	19.01-13	Feedwater Line Break Mitigation	STP - FSAR revision			7/1/2010	confirmatory
185	19	19-10	19.01-23	Fire Risk Evaluation in Turbine Building	STP - FSAR revision			7/1/2010	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
186	19	19-11	19-16	Flushing of RPV Water Level Instrumentation Lines in Mode 4 & 5	STP - FSAR revision				confirmatory
187	19	19-12	19-30	MCR Breach Evaluation	STP - FSAR revision			9/2/2010	confirmatory
188	19	19-13	19-1 19-2 19-28	MAAP and Fusible Plug	Closed			9/2/2010	closed
189	19	19-14	19-24 19-33	Seismic Effect	Closed			8/2/2010	closed
190	19	19-16	5167, 19-22	Housing of ACIWA Equipment	NRC-reviewing revised RAI responses received on 12/13/2010.	closed		12/20/2010	open
191	19	19-17	19-31	Demonstrate the Sequence and Plant-Level Seismic HCLPF Capacity	STP - FSAR revision	12/20/2010		10/30/2010	confirmatory
192	19	19-2	19.01-22	PRA Level 1 Results	STP - FSAR revision				confirmatory
193	19	19-3	19.01-29	Medium Voltage Electrical Design	STP - FSAR revision			8/1/2010	confirmatory
194	19	19-4	19.01-22	Evaluation of Common Cause Failures	STP - FSAR revision				confirmatory
195	19	19-5	19-5	Steam Explosion Potential from Premature Opening of the Drywell Flooder	STP - FSAR revision			9/2/2010	confirmatory
196	19	19-6	19-32	Capability of Containment Isolation Valves	STP - FSAR revision			7/1/2010	confirmatory
197	19	19-7	19.01-25	Resolution of COL Information Items	Closed				closed
198	19	19-8	19-3	Impact of Hydrogen Combustion During Shutdown	STP - FSAR revision			9/30/2010	confirmatory
199	19	19-9	19.01-31	Shared Fire Protection System	STP - FSAR revision			9/30/2010	confirmatory
200	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 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				confirmatory

November 22, 2010

MEMORANDUM TO:	Mark Tonacci, Branch Chief BWR Project Branch Division of New Reactor Licensing Office of New Reactors
FROM:	Michael Eudy, Project Manager **/RA/** BWR Project Branch Division of New Reactor Licensing Office of New Reactors
SUBJECT:	FORTHCOMING MEETINGS TO DISCUSS OPEN ITEMS AND OUTSTANDING REQUESTS FOR ADDITIONAL INFORMATION RESPONSES RELATING TO THE SOUTH TEXAS PROJECT NUCLEAR OPERATING COMPANY'S COMBINED LICENSE APPLICATION
DATE AND TIME:	Wednesday, December 29, 2010 9:00 a.m. – 10:30 a.m.
LOCATION:	U.S. Nuclear Regulatory Commission Conference Call
PURPOSE:	To discuss resolution of Open Items and outstanding Request for Additional Information (RAI) responses to support the safety review of South Texas Project Nuclear Operating Company's application for Units 3 and 4. Other topics related to the South Texas Project Application may also be discussed.
CATEGORY 1*:	This is a Category 1 Meeting. The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned. Members of the public who wish to attend are encouraged to telephone or e-mail the contact listed below. Members of the public should also use the contact information below to get a list of the specific topics scheduled to be discussed at each meeting.
CONTACT:	Michael Eudy, NRO/DNRL (301) 415-3104 Michael.Eudy@nrc.gov George Wunder, NRO/DNRL (301) 415-1494 George.Wunder@nrc.gov

Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"(67 FR* 36920), May 28, 2002.

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO).

NRC	STPEGS
M. Tonacci, NRO	B. Mookhoek
M. Eudy, NRO	S. Head
G. Wunder, NRO	C. Chappell
S. Joseph, NRO	

Docket Nos.: 52-012, 52-013

cc: See next page

Enclosure:
Agenda

PARTICIPANTS: Participants from the NRC include members of the Office of New Reactors (NRO).

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Docket Nos.: 52-012, 52-013

cc: See next page

Enclosure:
Agenda

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DATE	11/22/10	11/22/10

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Agenda for Public Meeting
United States Nuclear Regulatory Commission
Conference Call
9:00 a.m. – 10:30 a.m.

PURPOSE: To discuss resolution of Open Items and outstanding RAI responses to support the safety review of South Texas Project Nuclear Operating Company's application for Units 3 and 4.

Time	Topic	Led By
9:00 a.m. - 9:05 a.m.	Opening Remarks	NRC
9:05 a.m. - 10:20 a.m.	Open Discussion of outstanding Open Items and RAI Responses	NRC/STP
10:20 a.m. - 10:30 a.m.	Conclusion/Document Actions	NRC

Enclosure

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