

PMSTPCOL PEmails

From: Foster, Rocky
Sent: Wednesday, October 12, 2011 7:15 AM
To: Abeywickrama, Bernadette; Chappell, Coley; wemookhoek@stpegs.com; Head, Scott; Elton, Loree; Tai, Tom; Pohida, Marie; Hilsmeier, Todd; Mrowca, Lynn; jaagles@stpegs.com; jeprice@stpegs.com
Cc: STPCOL; Wunder, George
Subject: NINA OI Telecom Agenda for October 12, 2011
Attachments: OI list_10-12-11.pdf; Chapter 19 Potential License Condition.docx

Good Morning,

NOTE to Bernie: Please enter the Open Items Master List file (OI list_10-12-11.pdf) into ADAMS and provide the ADAMS accession number to Cheri Nagel and myself so as to be included in the meeting summary for October 12, 2011.

The NINA/STP Open Items telecom is schedule for October 12, 2011. The morning session is from 09:00 am to 11:00 am and the Chapter 3 afternoon session is from 2:00 pm to 4:00 pm.

This is a standing bridge line available every Wednesday from 09:00 am to 11:00 am through December 28, 2011. NRC HQ staff will participate in the telecom in room **T6D45**.

Conference Line - 888-455-2563
Pass Code - 84624

09:00 am – 11:00 am Agenda:

- Chapter 19-License Condition Discussion
- OI Master List (attached)
- Comments/Questions
- Any other COL related topics

For the October 12, 2011, Wednesday's afternoon call, we'd like to start at 2:00 pm.

For those who are out of the office but want to participate on this call:

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

The agenda for tomorrow's (10/12/11) telephone conference is:

- Schedules for 03.07.01-29 responses
- Schedule for 03.07.01-30 response
- Schedule for reviewer's guide (draft Rev 7 FSAR)
- Feedback from NRC on II/I ITAAC
- Feedback from NRC on IBC-2006 (also II/I approach)
- Miscellaneous

NINA requested the call to start at 2:00 pm (EST). I expect we should be able to finish the call in 30 minutes. I'll let you know the location (conference rooms are hard to find)

Thanks,

Rocky D. Foster
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US Nuclear Regulatory Commission
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Hearing Identifier: SouthTexas34Public_EX
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Mail Envelope Properties (26E42474DB238C408C94990815A02F0968B58E1591)

Subject: NINA OI Telecom Agenda for October 12, 2011
Sent Date: 10/12/2011 7:15:19 AM
Received Date: 10/12/2011 7:15:21 AM
From: Foster, Rocky

Created By: Rocky.Foster@nrc.gov

Recipients:

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Files	Size	Date & Time
MESSAGE	2152	10/12/2011 7:15:21 AM
OI list_10-12-11.pdf	303683	
Chapter 19 Potential License Condition.docx		22954

Options

Priority: Standard
Return Notification: No
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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)	3rd Quarter 2011		End of P4 open	open
5	1	1-5	(5856) 01-21 (6046) (6049)	Financial Qualifications	NRC - to send DRAFT supplemental RAIs (2), meeting scheduled for 10/11/11	10/11/2011		09/30/2011	open
6	1	1-6	3944 01-15	Parts 30, 40 and 70	STP - to update COL revision 6 w/ part 70 changes	08/30/2011		08/31/2011	open
39	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/NRC				open
40A	3	03.09.01-1	03.09.01-1	ACSTIC2 V&V	NINA - provide adequate V&V package for ACSTIC2 and clarify ACSTIC2 versus ACSTIC2	08/18/2011			open
40	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	07/07/2011	07/07/2011		Closed
40B	3	03.09.02-21	03.09.02-21 (5058)	ACSTIC2 FSAR markup	NINA - include proposed FSAR changes in letter 110064 (4/13/2011) in next FSAR revision.				confirmatory
41	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	08/30/2011			Open
42	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	08/30/2011			confirmatory
43	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	08/30/2011			confirmatory
44	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	08/30/2011			confirmatory
45	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	08/30/2011			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
46	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)	08/30/2011			open
47	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	08/30/2011			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	08/31/2011			open
98	9	9.1.1-4	4561 (ltr 329), 09.01.01-4 5685 (ltr 377) issued with 8 supplemental questions	Basis for WCAP 17311 and 17331: Fuel rack structural analysis	STP - Supplemental RAI responses w/ final revision by 11/07/2011	11/07/2011			open
99	9	tbd	5685 (ltr 377) , 09.01.02-2	Descriptions of pools, racks and fuel-handling system	NRC - Review of RAI responses submitted on 6/23/11 (STP - Submit RAI response on Gaps & Tolerances topic on 11/07/11)	12/07/2011			open
100	9	tbd	5685 (ltr 377), 09.01.02-3	Fuel rack loads and load combinations	NRC - Review of RAI responses submitted on 6/23/11 (STP - Submit RAI response on NFR/SFR forces and stresses topic on 11/07/11)	12/07/2011			open
101	9	tbd	5685 (ltr 377), 09.01.02-4	Fuel drop analysis	NRC - Review of RAI responses submitted on 8/01/11	09/21/2011			open
102	9	tbd	5685 (ltr 377), 09.01.02-5	Fuel rack seismic modeling and analysis	NRC - Review of RAI responses submitted on 6/23/11 (STP - Submit RAI response items: c, g, i, j, m and n on 11/07/11)	12/07/2011			open
103	9	tbd	5685 (ltr 377), 09.01.02-6	Fuel rack design checks	NRC - Review of RAI responses submitted on 6/23/11 (STP - Submit RAI response items: b, c, d and e on 11/07/11)	12/07/2011			open
104	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 6/23/11, potential supplemental RAI	09/21/2011			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
105	9	tbd	5685 (ltr 377), 09.01.02-8	Fuel rack thermal stress analysis	STP - RAI response on 11/07/2011	12/07/2011			open
106	9	tbd	5685 (ltr 377), 09.01.02-9	Fuel rack seismic loading	NRC - Review of revised RAI response and time history CD submitted on 8/17/11	09/21/2011			open
109	9	tbd	5540 (ltr 375), 09.04.03-2	Site Psecific 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.	09/09/2011			Closed
110	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.	09/09/2011			Closed
111	9	tbd	5987 (ltr 412) 09.01.02-10	Spent Fuel Assembly Integrity	STP-RAI response due	10/31/2011			Open
112	9	tbd	draft (6070) 09.01.02	Supplemental Fuel Rack RAIs	STP-RAI response due	11/07/2011			Open
113	2	tbd	2.05.04-36	Chapter 2 Settlement ITAAC	STP-include in FSAR Revision 7	03/01/2012			Confirmatory

Chapter 19 Potential License Condition

Before fuel load, the COLA applicant will develop Abnormal Operating Procedures for Hurricanes that meet the intent of NUMARC 87-00 and contain the following specific requirements:

☉Action shall be initiated to place the units in Mode 3 (Hot Shutdown) at least two hours prior to sustained wind speeds in excess of 73 mph (or 96 mph as determined by discussions with the Transmission Distribution Service Provider (TDSP)). The applicability for this requirement is for units in Modes 1 and 2. Units in Modes 3, 4, or 5 will be maintained in Modes 3, 4, or 5.

☉One emergency diesel generator in each unit is started and loaded onto its safety bus and the bus disconnected from offsite power at least two hours prior to the arrival on site of sustained winds in excess of 73 mph.

☉If an unstable electrical grid develops or is predicted by the TDSP, the remaining diesel generators are started and loaded on their safety buses and the buses disconnected from offsite power.

☉If applicable for the current unit Mode, RCIC will be verified to be available to provide core cooling in the event of a Station Blackout.

☉The portable diesel-driven fire pump will be staged in an on site Seismic Category I structure prior to the arrival on site of sustained winds in excess of 73 mph.

☉If the containment is inerted at the time of the hurricane warning, it will remain inerted during a forced shutdown due to a hurricane in anticipation of restoring the units to operation after the hurricane has passed.