

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

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

Hearing Identifier: SouthTexas34Public_EX
Email Number: 3547

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED1011C22BF7FC9)

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:

"STPCOL" <STP.COL@nrc.gov>
Tracking Status: None
"wemookhoek@stpegs.com" <wemookhoek@stpegs.com>
Tracking Status: None
"Wunder, George" <George.Wunder@nrc.gov>
Tracking Status: None
"Foster, Rocky" <Rocky.Foster@nrc.gov>
Tracking Status: None
"Eudy, Michael" <Michael.Eudy@nrc.gov>
Tracking Status: None
"Misenhimer, David" <David.Misenhimer@nrc.gov>
Tracking Status: None
"jeprice@stpegs.com" <jeprice@stpegs.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

| Files | Size | Date & Time |
|------------------------------------|-------------|------------------------|
| 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
Sensitivity: Normal
Expiration Date:
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

| Item # | Item #" | Chp | OI # | RAI # | Description | Next Action | Next Action Completion Date | OI Closure Date | SER Completion Date | OI Status |
|--------|---------|-----|----------|--------------------|--|-------------|-----------------------------|-----------------|---------------------|-----------|
| 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 |

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 |
|--------|---------|-----|------------|--|---|--|-----------------------------|-----------------|---------------------|----------------------|
| 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

| Item # | Item #" | Chp | OI # | RAI # | Description | Next Action | Next Action Completion Date | OI Closure Date | SER Completion Date | OI Status |
|--------|---------|-----|------------------|---|--|----------------------|-----------------------------|-----------------|---------------------|-----------|
| 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

| Item # | Item #" | Chp | OI # | RAI # | Description | Next Action | Next Action Completion Date | OI Closure Date | SER Completion Date | OI Status |
|--------|---------|-----|-----------------------|-----------------------------------|--|---|-----------------------------|-----------------|---------------------|---------------------|
| 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

| Item # | Item #" | Chp | OI # | RAI # | Description | Next Action | Next Action Completion Date | OI Closure Date | SER Completion Date | OI Status |
|--------|---------|-----|-------------------|--|---|---|-----------------------------|-----------------|---------------------|----------------------------------|
| 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 |

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 |
|--------|---------|-----|-------------------|--|--|----------------------|-----------------------------|-----------------|---------------------|----------------------------------|
| 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 |

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 |
|--------|---------|-----|------------------|--|---|--|-----------------------------|-----------------|---------------------|--------------------------|
| 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 | 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 |

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 |
|--------|---------|-----|----------|--|--|--|-----------------------------|-----------------|---------------------|----------------------------------|
| 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 |

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 |
|--------|---------|-----|----------|--------------------|---|--|-----------------------------|-----------------|---------------------|--------------|
| 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 |

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 |
|--------|---------|-----|----------|-----------------------------------|---|--|-----------------------------|-----------------|---------------------|--------------|
| 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 |

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 |
|--------|---------|-----|---------|-----------------------|--|---|-----------------------------|-----------------|---------------------|-----------|
| 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 |

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 |
|--------|---------|-----|-----------|---------------------|--|---|-----------------------------|-----------------|---------------------|---------------------|
| 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 |

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 |
|--------|---------|-----|----------|---------------------------------------|--|--|-----------------------------|-----------------|---------------------|--------------|
| 119 | 204 | 2 | tbd | tbd | Chapter 2.4 Potential CIs | NRC - potential CIs 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 |

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 |
|--------|---------|-----|------|---------------------------------------|--|---------------------------|-----------------------------|-----------------|---------------------|-----------|
| 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 |

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 |
|--------|---------|-----|------|---------------------------------------|---|---------------------------|-----------------------------|-----------------|---------------------|-----------|
| 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 |