

PMSTPCOL PEmails

From: Eudy, Michael
Sent: Tuesday, May 04, 2010 11:01 AM
To: 'Scott Head'; Chappell, Coley; Mookhoek, William
Cc: STPCOL; Wunder, George; Tonacci, Mark
Subject: Updated list For the 5/5 Open Item call.
Attachments: Open Items for STP 5-5-10(rev 1).docx

Importance: High

Please call in to Mark's Office phone @ 301-415-4045.

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U.S. Nuclear Regulatory Commission
NRO/DNRL/NGE1&2
301-415-3104

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Subject: Updated list For the 5/5 Open Item call.
Sent Date: 5/4/2010 11:00:45 AM
Received Date: 5/4/2010 11:00:51 AM
From: Eudy, Michael

Created By: Michael.Eudy@nrc.gov

Recipients:

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| MESSAGE | 180 | 5/4/2010 11:00:51 AM |
| Open Items for STP 5-5-10(rev 1).docx | | 33520 |

Options

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STP Phase 4 Open Items Chapters 1, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, and 17
5/5/10 Version

| Item # | Open Item | eRAI # Question # | Issue | Resolution | Action | Closure date/goal |
|------------------|-----------|-------------------|--|---|---|---------------------------------------|
| Chapter 1 | | | | | | |
| 1 | 01-1 | n/a | Tier 1 Departure exemptions | Pending Staff Review | NRC, exemption issuance | |
| 2 | 01-2 | 01-17 | FSAR editorial errors | Closed | none | |
| 3 | 01-3 | n/a | Plant aging management | Staff to decide what review needed during COL review. | NRC | |
| 4 | 01-4 | n/a | Hydrodynamic loads, Alternate Vendor Issue | Follow-up Audit may be required | NRC/STP | |
| 5 | 01-5 | n/a | Financial Qualifications | Under separate staff review | STP, revised Part 1 info May '10 | |
| 6 | 01-6 | 3944 01-15 | Parts 30, 40 and 70 | Response received 12/8/09 Pending further staff review | NRC | 5/20/10 |
| 7 | 01-7 | n/a | AIA | Pending Staff Review of DCD amend and STP rev to FSAR | NRC, review of DCD STP, rev to FSAR | Revised AIA 4/30 w.r.t. RAI responses |
| 8 | 01-8 | 3174 01-14 | OQPD RGs Tied to RAI 17.5-9 | Supp RAI pending in Chp 17 | NRC, response to Chp 17 RAI in 3/17/10. | 5/20/10 |
| 9 | 01-9 | n/a | Tier 2 Not Deps in table 1.9S-3 | Supp RAI pending | NRC | Supp RAI not issued |
| 10 | 01-10 | n/a | Construction Impact on Units 1 and 2 | Pending interim staff guidance | NRC | |

STP Phase 4 Open Items Chapters 1, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, and 17
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| Chapter 4 | | | | | | |
| 11 | 04.03-1 | 4161 04.03-3 | Inconsistencies with figures in COLA vs. DCD | Response due 3/2/10 | STP, proprietary issues | Response pending |
| 12 | 04.03-2 New | 4143 04.03-2 | Figure 4.3-2 loading patterns, need for safety finding | Response due 3/2/10 | STP, proprietary issues | Response pending |
| 13 | 04.04-1 | 4133 04.04-3 | Fuel testing & acceptance criteria | Confirmatory Item | STP, FSAR revision | Rev 4 |
| 14 | 04.06-1 | 3975 04.06-4 | Provide Backfill RPV report | Response in 1/25/10 | Closed | |
| Chapter 5 | | | | | | |
| 15 | 5.2.1.2-1 | 2831 05.02.01.02-1 | Applicant requested to provide a full description of ISI to specify Code cases. | Responded 9/24/09 | NRC, SER revisions pending, to be closed by staff | 5/3/10 |
| 16 | 5.2.1.2-2 | 2831 05.02.01.02-2 | Applicant requested to provide a full description of IST to specify Code cases. | Responded 9/24/09 | NRC, SER revisions pending, to be closed by staff | 5/3/10 |
| 17 | 5.2.3-2 | 3904 05.02.03-2 | Applicant to modify Departures report to clarify impact of departure. | Confirmatory | STP, FSAR revision | Rev 4 |
| 18 | 5.2.5-5 | 4354 05.02.05-5 | Alarm response procedures and Surveillance procedures to be added to FSAR. | Response in 4/8/10 | NRC | 5/5/10 |
| 19 | 5.3.2-1 | n/a | Topical Report to support application plant-specific PTLR issues. | Currently under staff review. | NRC and STP, revised PTLR 7/6/10 | 7/30/10 |
| 20 | 5.4-2 | 3527 05.04-2 | Applicant to provide contingency plan for RIP maintenance. | Responded 9/24/09 | NRC | 5/14/10 |
| 21 | 5.4.6-1 | 2777 05.04.06-2 | Issues involving RCIC turbine-pump design. | Staff review and revised response pending | NRC/STP, revised response 4/30 to 5/31 | 6/24/10 |
| 22 | 5.4.6-3 | 4334 05.04-06-3 | NPSH calculations | Response in 4/8/10 | NRC | 5/5/10 |

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| 23 | 5.3.2-5 New | 4559 05.03.02-5 | PTLR revision | Issued 4/15/10 | STP, revised PTLR 7/6/10 | 7/30/10 |
| 24 | 5.4.7-1 | 2539 05.04.07-1 | Wetwell Spray | Closed | none | |
| 25 | 5.4.7-8 SER error | none | none | none | none | |
| Chapter 6 | | | | | | |
| 26 | 6.2.1.1.C-14 | 4264 06.02.01.01.C-14 | Mass and Energy confirmation | Response due 5/30/10 | STP | 6/30/10 |
| 27 | 6.2.1.1.C-15 | 4264 06.02.01.01.C-15 | FSAR Update | Response due 5/30/10 | STP | 6/30/10 |
| 28 | 6.2.1.1.C-16 | 4264 06.02.01.01.C-16 | FSAR Update | Response due 5/30/10 | STP | 6/30/10 |
| 29 | 6.2.1.1.C-17 | 4264 06.02.01.01.C-17 | Vacuum breaker COL Item | Response due 5/30/10 | STP | 6/30/10 |
| 30 | 6.2.1.1.C-18 | 4264 06.02.01.01.C-18 | FSAR Update | Response due 5/30/10 | STP | 6/30/10 |
| 31 | 6.2.2-26 | 4484 06.02.02-26 | Latent Debris | Closed | None | |
| 32 | 6.2.2-27 | 4577 06.02.02-27 | Aluminum Corrosion | Response due 5/10/10 | STP | 6/2/10 |
| 33 | 6.4-2 | 4330 06.04-2 | Maximum Puddle Area, Toxic Gas | Response in 3/17/10 | NRC/STP 5/6/10 audit | 6/2/10 |
| Chapter 7 | | | | | | |
| 34 | 7-5 | 3377 07-5 | Data communication | Closed | None | |
| 35 | 7.1-15 | 4241 07.01-15 | Setpoint Methodology | Closed | None | |
| 36 | 7.6-2 | 4533 07.06-2 | COL Item 7.2 | Response due 5/14/10 | STP | Response pending |
| 37 | 7.6-3 Mistake on page 74 of SER | 4528 07.06-3 | STD DEP T1 2.2-1 impact on 7.6 | Response due 5/7/10 | STP | 6/2/10 |
| Chapter 8 | | | | | | |
| 38 | 8.1-1 | 3848 08.01-2 | EMI | Closed | None | |

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| 39 | 8.2-1 | 3731 08.02-21 | Switchyard battery | Confirmatory | STP, FSAR revision | |
| 40 | 8.2-2 | 3494 08.02-22 | Transmission line failure | Closed | None | |
| 41 | 8.2-3 | 4017 08.02-23 | Inaccessible/Underground cable testing program | Responded 12/30/09 Still under staff review | NRC, draft supp RAI pending | 5/20/10 |
| 42 | 8.2-4 | 3731 08.02-20 | Communication | Closed | None | |
| 43 | 8.3.1-1 | 3619 08.03.01-14 | Diesel temp | Confirmatory | STP, FSAR revision | |
| 44 | 8.3.1-2 | 3619 08.03.01-13 | Isolation devices | Closed | None | |
| 45 | 8.4-1 | 3632 08.04-3 | Severe weather | Confirmatory | STP, FSAR revision | |
| 46 | 8.4-4 | 4602 08.04-4 | SBO timing | Response due 5/27/10 | STP | 6/22/10 |
| Chapter 10 | | | | | | |
| 47 | 10.2-3 | 4103 10.02-3 | Normal speed control mode | Response due 5/10/10 | STP | 6/3/10 |
| 48 | 10.2-4 | 4103 10.02-4 | Turbine Trip Set-Points | Response due 5/10/10 | STP | 6/3/10 |
| 49 | 10.4.3-4 | 4102 10.04.03-4 item 1 | Loop Seal | Response due 5/3/10 | STP | 5/27/10 |
| 50 | 10.4.3-5 | 4102 10.04.03-4 item 2 | Pressure Switch | Response due 5/3/10 | STP | 5/27/10 |
| 51 | 10.4.3-6 | 4102 10.04.03-4 Item 6 | Check Valve Deletion | Response due 5/3/10 | STP | 5/27/10 |
| 52 | 10.4.7-3 | 4440 10.04.07-3 | CFS update | Response due 5/3/10 | STP | 5/27/10 |
| Chapter 11 | | | | | | |
| 53 | 11.02-7 | 3676 11.02-7 | CST source term revisions to FSAR | Responded 12/30/09 | STP | Supp RAI 12.02-18 |
| 54 | 11.02-8 | 3676 11.02-8 | CST descriptions | Closed | None | |
| 55 | 11.02-9 | 3676 11.02-9 | CST descriptions | Closed | None | |
| 56 | 11.02-10 NEW | 4448 11.02-10 | Addressing License Info Item 11.1 | Response due 5/3/10 | STP | 5/27/10 |

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| Chapter 12 | | | | | | |
| 57 | 12.02-1 | 3018 12.02-7 | Gaseous effluent data, input parameters, and resulting gaseous effluent dose info | Supplemental Response received 11/9/09 Relates to 12.02-15 and 16 | NRC | Tied to 12.02-15, 12.02-16 |
| 58 | 12.02-2 | 3795 12.02-12 | 40 CFR Part 190 | Response received 12/3/09 See 12.02-17 | NRC | Tied to 12.02-17 |
| 59 | 12.02-3 | 3854 12.02-13 | Rad source calibration | Confirmatory | STP, FSAR revision | |
| 60 | 12.02-4 | 3984 12.02-14 | Spent Fuel Storage, Chapter 9 related issue | Response received 1/4/10 | STP, spent fuel pool design submission | 1 st quarter 2011, STP to update |
| 61 | 12.02-15 NEW | 4137 12.02-15 | Liquid Effluent source GALE | Responded 3/24/10 | NRC/STP | Supp draft RAI 4600 |
| 62 | 12.02-16 NEW | 4138 12.02-16 | Gaseous effluent source GALE | Responded 3/24/10 | NRC/STP | Supp draft RAI 4600 |
| 63 | 12.02-17 NEW | 4099 12.02-17 | Effluent Data Table | Responded 2/25/10 | STP | Revised response pending |
| 64 | 12.02-18 NEW | 4492 12.02-18 | CST radiation source | Response due 5/24/10 | STP | 6/18/10 |
| 65 | 12.03-12.04-1 | 3857 12.03-12.04-12 | CUW backwash | Confirmatory | STP, FSAR revision | |
| 66 | 12.03-12.04-2 | 3982 12.03-12.04-13 | ARM and airborne monitoring calibration methods | Responded 1/4/10 | NRC/STP | STP to revise response |
| 67 | 12.03-12.04-3 | 4286 12.03-12.04-15 | Criticality monitoring compliance with 10 CFR 70.24 or exemption request. Pending receipt and staff review. | Responded 2/25/10 | NRC, to clarify impacts of choosing 10 CFR 50.68 | 5/20/10 |

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| 68 | 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. Pending receipt and staff review. | Supplemental Response in 4/8/10 | NRC/STP | STP to revise response |
| 69 | 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. | Responded 1/4/10 | NRC, potential supplemental RAI | STP to revise response |
| 70 | 12.05-1 | 3856 12.05-5 | High rad areas | Confirmatory | STP, FSAR revision | |
| 71 | 12.05-2 | 4151 12.05-6 | Air samplers | Confirmatory | STP, FSAR revision | |
| Chapter 13 | | | | | | |
| 72 | 13.03-1 | 3427 13.03-73 | Assess TSC radiological consequences | Response in 10/7/09 | New STP info by 5/31/10 | 6/24/10 |
| 73 | TBD | 3271 Ltr. 203 | Fitness for Duty 2 questions | Responses in 8/25/09 | NRC | 6/3/10 |
| 74 | TBD | 4451 Ltr. 400 | SUNSI related 18 questions | Responses due 5/24/10 | STP | 6/17/10 |
| 75 | TBD | 4530 Ltr. 399 | SUNSI related 1 questions | Response due 5/7/10 | STP | 6/2/10 |
| 76 | TBD | 4535 Ltr. 398 | Physical Security 33 questions | Responses due 5/7/10 | STP | 6/2/10 |
| 77 | TBD | 4589 Ltr. 402 | Physical Security 11 questions | Responses due 5/13/10 | STP | 6/8/10 |
| 78 | TBD | 4593 Ltr. 402 | Physical Security 4 questions | Responses due 5/13/10 | STP | 6/8/10 |
| 79 | TBD | 4604 Ltr. 404 | SGL related 10 questions | Responses due 6/3/10 | STP | 6/29/10 |
| 80 | TBD | 4605 Ltr.403 | SUNSI related 10 questions | Responses due 5/28/10 | STP | 6/23/10 |
| Chapter 14 | | | | | | |
| 81 | 14.02-6 | 2898 14.02-6 | SSC Pre-Op test abstracts | STP to revise response eta 5/24/10 | STP | 6/17/10 |
| 82 | 14.02-8 | 3097 14.02-8 | SSC start up test program | STP to revise response, eta 5/24/10 | STP | 6/17/10 |

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| 83 | 14.02-14 | 4581 14.02-14 | License info item 14.2 as License Condition | Response due 6/4/10 | STP | 6/30/10 |
| 84 | 14.3.2-8 | 4105 14.3.2-10 | ITAAC for structural analysis for as built data | Response in | NRC | 5/20/10 |
| 85 | 14.3.2-9 | 4105 14.3.2-9 | Ext Diesel tanks and vault ITAAC | Response in | NRC | 5/20/10 |
| 86 | STD DEP T1 2.4-3 | Chapter 5 OI | RCIC Turbine/Pump | See Chapter 5 | NRC Chapter 14 SER revisions | 6/24/10 |
| 87 | STD DEP T1 12.15-2 | Chapters 8 and 9 OI | RBSRDG HVAC | See Chapters 8 and 9 | NRC Chapter 14 SER revisions | |
| 88 | STD DEP T1 5.0-1 | Chapter 2 | Site Parameters | See Chapter 2 | NRC Chapter 14 SER revisions | |
| 89 | STD DEP T2 9.4-1 | Chapter 9 | Toxic Gas ITAAC | See Chapter 9 | NRC Chapter 14 SER revisions | |
| Chapter 15 | | | | | | |
| 90 | 15.6-1 | 3387 15.00.03-1 | Control Room radiological analysis | Closed | none | |
| 91 | 15.6-2 | n/a | TSC Dose Calculation | Related to 13.03-73 | STP submit 2 supp responses end of 5/10 | 6/24/10 |
| 92 | 15.A-1 | 4300 15.08-3 | Suppression pool temp change | Closed | None | |
| 93 | 15.E-1 | 3919 15.08-2 | ATWS mitigation logic | Closed | none | |
| Chapter 16 | | | | | | |
| 94 | 16.1a | n/a | Instrument Set-point Methodology RAI 7.1-15 | Section 7.1.5, response in 3/29/10 | STP/NRC | 5/20/10 |
| 95 | 16.1b | n/a | RCS P-T Limits, RAI | Tied to acceptance review in 5.3.2. Topical under review OI 5.3.2-1. | STP/NRC | 7/30/10 |

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| Chapter 17 | | | | | | |
| 96 | 17.5-9 | 4373 17.5-9 | NEI 06-14 incorporation | Response in 3/17/10 | NRC | 5/20/10 |
| 97 | 17.04-9 | 3998 17.04-09 | SSCs in RAP | Rev response in 4/14/10 | NRC | 5/20/10 |
| 98 | 17.04-10 | 3998 17.04-10 | Table 19K-4 revisions | Confirmatory | STP, FSAR revision | |
| 99 | 17.04-11 | 3998 17.04-11 | Deterministic criteria | Confirmatory | STP, FSAR revision | |