

CCNPP3COLA NPEmails

From: Carneal, Jason
Sent: Tuesday, November 09, 2010 12:09 PM
To: 'Rocky Sgarro'
Cc: Massie, Wayne A; SLOAN Sandra (AREVA); Akstulewicz, Frank; Colaccino, Joseph; Tesfaye, Getachew; Arora, Surinder; Canova, Michael; Miernicki, Michael; Steckel, James; Chowdhury, Prosanta; Patel, Jay; Hearn, Peter; Ford, Tanya; CCNPP3COL Resource; BellBendCOL Resource
Subject: Agenda for Wednesday's Schedule Status Meeting (1:00p.m. to 3:30p.m.)
Attachments: CCNPP3 Unistar P4 Workflow Inputs.pdf; EPR AREVA P4 Workflow Inputs.pdf; EPR-DC and RCOLA Review Schedules_For Sch Status Mtg (on 11-10-10)_11-09-2010.pdf

Rocky:

As requested by Joe Colaccino, the agenda for the EPR design center schedule status meeting is provided below with supporting documentation for the schedule discussions attached.

Please let me know if you need further information or have any questions.

Thanks,

Jason

Jason Carneal
Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/NARP (T-6J4)
301-415-3813

Agenda for EPR Design Center Schedule Status Meeting - 1:00 pm to 3:30 pm

- Opening Remarks
- EPR Phase 2 on or Near Critical Path Issues
 - GSI-191 (Chapters 6 and 15-II)
 - Seismic/Structural (3-III)
 - Digital I&C (7)
- Other EPR Phase 2 Schedule Issues
 - Fuel Rack Design
 - Mechanical Fuel Design Topical Report
- Calvert Phase 2 on or Near Critical Path Issues
 - Seismic/Structural (3-II)
 - Financial Qualification (1)
- Status of Bell Bend Supplements to Address Power Block Move
- Chapter Issuance Status and ACRS Meeting Dates*
 - EPR

- Chapters 9 and 18
- Chapters 6 and 15
- Calvert
- Bell Bend
- Review of Phase 4 NRC Closure Plans*
 - EPR (Chapters 2, 4, 5, 8, 10, 11, 12, 13, 17, 19)
 - Calvert (Chapters 4, 8, 11,17)

*Supporting documentation attached.

Hearing Identifier: CalvertCliffs_Unit3Cola_NonPublic_EX
Email Number: 6036

Mail Envelope Properties (77BCCD26C6050B42A72FE3939CF492ED34EE89C511)

Subject: Agenda for Wednesday's Schedule Status Meeting (1:00p.m. to 3:30p.m.)
Sent Date: 11/9/2010 12:08:42 PM
Received Date: 11/9/2010 12:08:44 PM
From: Carneal, Jason

Created By: Jason.Carneal@nrc.gov

Recipients:

"Massie, Wayne A" <wayne.massie@unistarnuclear.com>
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"Akstulewicz, Frank" <Frank.Akstulewicz@nrc.gov>
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Tracking Status: None
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"Chowdhury, Prosanta" <Prosanta.Chowdhury@nrc.gov>
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Tracking Status: None
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"Rocky Sgarro" <rrsgarro@pplweb.com>
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Post Office: HQCLSTR01.nrc.gov

| Files | Size | Date & Time |
|---|-------------|------------------------|
| MESSAGE | 1360 | 11/9/2010 12:08:44 PM |
| CCNPP3 Unistar P4 Workflow Inputs.pdf | 38370 | |
| EPR AREVA P4 Workflow Inputs.pdf | 35350 | |
| EPR-DC and RCOLA Review Schedules_For Sch Status Mtg (on 11-10-10)_11-09-2010.pdf | 17395 | |

Options

Priority:

Standard

Return Notification:

No

Reply Requested:

No

Sensitivity:

Normal

Expiration Date:

Recipients Received:

Unistar CCNPP3 COL
Chapter 4: P4 Closure Plan

| Open Item / Additional P4 Change | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| <u>Chapter 4.0 Reactor (Ph 4 Tech Review)</u> <u>ML0900090045</u> | | | | Closure Memo 2 | Closure Memo 4 | |
| RAI 226, Question 04.02-1 | 04/05/10 | | 04/14/10 | 04/14/10 | 03/31/11 | 06/16/11 |
| RAI 225, Question 04.03-1 | 04/05/10 | | 04/12/10 | 06/17/10 | 12/16/10 | |
| ACRS Open Items - TBD | TBD | | | | 01/20/00 | |

Unistar CCNPP3 COL
Chapter 8: P4 Closure Plan

| Open Item / Additional P4 Change | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| Chapter 8.0 (Ph 4 Tech Review) | | | | Frank Memo 2 | Frank Memo 4 | |
| Confirmatory Item RAI 110, 08.02-3 | N/A | | 12/15/10 | | 01/05/11 | |
| Confirmatory Item RAI 170, 08.02-10 | N/A | | 12/15/10 | | 01/05/11 | |
| Confirmatory Item RAI 115, 08.03.01-5 | N/A | | 12/15/10 | | 01/05/11 | |
| Confirmatory Item RAI 184, 08.03.01-14 | N/A | | 12/15/10 | | 01/05/11 | |
| Confirmatory Item RAI 169, 08.03.01-15 | N/A | | 12/15/10 | | 01/05/11 | |
| Confirmatory Item RAI 163, 08.04-2 | N/A | | 12/15/10 | | 01/05/11 | |
| Verify text for departure item in SAR Rev. 7 | N/A | | 12/15/10 | | 01/05/11 | 02/22/11 |
| Add text to SER for one departure item | 09/21/10 | | 09/30/10 | | 10/21/10 | |

Unistar CCNPP3 COL Chapter
17: P4 Closure Plan

| Open Item / Additional P4 Change | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|---|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| <u>Chapter 17.0 (Ph 4 Tech Review)</u> | | | | Frank Memo 2 | Frank Memo 4 | |
| RAI 200, Question 17.5-6 | 01/28/10 | 01/08/10 | 09/30/10 | 09/30/10 | 12/16/10 | |
| RAI 194, Question 17.04-3 | 12/02/09 | 11/16/09 | 01/02/10 | 02/12/10 | 03/31/11 | 06/08/11 |
| RAI 194, Question 17.04-4 | 12/02/09 | 11/16/09 | 01/02/10 | 01/04/10 | 03/31/11 | |
| RAI 224, Question 17.04-5 | 04/05/10 | 03/20/10 | 05/05/10 | 04/16/10 | 03/31/11 | |
| RAI 224, Question 17.04-6 | 04/05/10 | 03/20/10 | 05/05/10 | 04/16/10 | 03/31/11 | |
| RAI 224, Question 17.04-7 | 04/05/10 | 03/20/10 | 05/05/10 | 04/16/10 | 03/31/11 | |
| RAI 224, Question 17.04-8 | 04/05/10 | 03/20/10 | 05/05/10 | 04/16/10 | 03/31/11 | |
| RAI 224, Question 17.04-9 | 04/05/10 | 03/20/10 | 05/05/10 | 04/16/10 | 03/31/11 | |
| RAI 192 Question 17.06-2 | 11/19/09 | 11/10/09 | 12/19/09 | 12/04/09 | 03/31/11 | |
| RAI 228 Question 17.06-3 | 04/19/10 | 04/16/10 | 05/19/10 | 04/19/10 | 03/31/11 | |

ML100900014 AREVA EPR DC
Chapter 2: P4 Closure Plan

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|-------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| Chapter 2.0 (Ph 4 Tech Review) | | | | | Frank Memo 2 | Frank Memo 4 | |
| RAI 274, Question 02-1 | Jay Patel | 08/21/09 | | | 04/01/10 | 04/22/10 | |
| RAI 288, Question 02-2 | Jay Patel | 08/28/09 | | | 04/01/10 | 04/22/10 | |
| RAI 256, Question 02.03.01-13 | Brad Harvey | 07/24/09 | | | 05/04/10 | 05/25/10 | |
| RAI 256, Question 02.03.01-14 (Send to Chpt 9) | Brad Harvey | 07/24/09 | | 12/16/10 | | 01/06/11 | |
| RAI 256, Question 02.03.01-15 | Brad Harvey | 07/24/09 | | | 02/26/10 | 03/19/10 | |
| RAI 288, Question 02.03.01-16 | Brad Harvey | 08/28/09 | | | 04/01/10 | 04/22/10 | |
| RAI 256, Question 02.03.04-7 | Brad Harvey | 07/24/09 | | | 02/26/10 | 03/19/10 | |
| RAI 256, Question 02.03.04-8 | Brad Harvey | 07/24/09 | | | 02/26/10 | 03/19/10 | |
| RAI 288, Question 02.03.04-9 | Brad Harvey | 08/28/09 | | | 02/26/10 | 03/19/10 | |
| RAI 256, Question 02.03.05-6 | Brad Harvey | 07/24/09 | | | 04/20/10 | 05/11/10 | |
| RAI 256, Question 02.03.05-7 | Brad Harvey | 07/24/09 | | | 04/20/10 | 05/11/10 | |
| RAI 288, Question 02.03.05-8 | Brad Harvey | 08/28/09 | | | 02/26/10 | 03/19/10 | |
| RAI 453, Question 02.03.01-17 (Follow-up to RAI 256, Question 02.03.01-15) | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 453, Question 02.03.01-18 (Follow-up to RAI 256, Question 02.03.01-13) | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | 05/31/11 |
| RAI 453, Question 02.03.01-19 | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 453, Question 02.03.04-10 | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 453, Question 02.03.04-11 (Follow-up to RAI 256, Question 02.03.04-7 and 02.03.04-8) | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 453, Question 02.03.04-12 | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 453, Question 02.03.04-13 | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 453, Question 02.03.05-9 | Brad Harvey | 11/05/10 | | 12/05/10 | | 12/24/10 | |
| RAI 261, Question 02.05.04-4 | Weijun Wang | 07/24/09 | | 02/14/11 | | 03/07/11 | |
| POTENTIALLY IMPACTED RAI'S BY CHPT 3 | | | | | | | |
| RAI 35, Question 02.05.02-01 | | | | | | | |
| RAI 35, Question 02.05.02-02 | | | | | | | |
| RAI 35, Question 02.05.04-02 | | | | | | | |
| RAI 35, Question 02.05.04-04 | | | | | | | |

ML100900014 AREVA EPR
DC Chapter 4: P4 Closure
Plan

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|---|-------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| <u>Chapter 4.0 Reactor (Ph 4 Tech Review)</u> <u>ML090090045</u> | | | | | Closure Memo 2 | Closure Memo 4 | |
| <u>RAI 318, Question 04.02-16</u> | SRSB | 01/04/10 | 03/30/10 | 04/30/10 | 04/05/10 | 02/18/11 | |
| <u>RAI 339, Question 04.02-17 (Fuel TR OI)</u> | SRSB | 01/08/10 | N/A | 12/17/10 | 06/16/10 | 02/18/11 | |
| <u>RAI 344, Question 04.03-27</u> | SRSB | 02/23/10 | 05/27/10 | 06/18/10 | 06/08/10 | 11/15/10 | |
| <u>RAI 344, Question 04.03-28 (REA TR OI)</u> | SRSB | 02/23/10 | 05/27/10 | 06/25/10 | 06/08/10 | 11/15/10 | |
| <u>RAI 308, Question 04.04-59</u> | SRSB | 10/21/09 | 03/08/10 | 04/30/10 | 03/23/10 | 12/16/10 | |
| <u>RAI 308, Question 04.04-60</u> | SRSB | 10/21/09 | 03/08/10 | 04/30/10 | 03/23/10 | 12/16/10 | |
| <u>RAI 325, Question 04.04-61</u> | SRSB | 01/04/10 | 03/30/10 | 04/30/10 | 04/05/10 | 12/16/10 | |
| <u>RAI 343, Question 04.05.01-6</u> | CIB1 | 12/16/09 | 04/29/10 | 06/18/10 | 06/08/10 | 10/01/10 | |
| <u>RAI 343, Question 04.05.01-7</u> | CIB1 | 12/16/09 | 04/29/10 | 06/18/10 | 06/08/10 | 10/01/10 | |
| <u>RAI 339, Question 04.05.02-9</u> | CIB1 | 01/08/10 | 05/27/10 | 06/18/10 | 06/16/10 | 12/16/10 | |
| <u>RAI 339, Question 04.05.02-10</u> | CIB1 | 01/08/10 | 05/27/10 | 06/18/10 | 06/16/10 | 12/16/10 | |
| <u>RAI 339, Question 04.05.02-11</u> | CIB1 | 01/08/10 | 05/27/10 | 06/18/10 | 06/16/10 | 12/16/10 | |
| <u>RAI 366, Question 04.06-13</u> | SRSB | 02/25/10 | 05/27/10 | 07/09/10 | 06/29/10 | 11/15/10 | |
| <u>RAI 367, Question 04.06-14</u> | SRSB | 03/11/10 | 05/27/10 | 10/08/10 | | 11/15/10 | |
| Confirmatory Item 04.02-4 | SRSB | N/A | | Rev. 2 | Rev. 2 | | |
| Confirmatory Item 04.02-11 | SRSB | N/A | | Rev. 2 | Rev. 2 | | |
| Correct factual errors on AMS system safety classification during P4 | SRSB | N/A | | | | | |
| ACRS Open Items - NONE | SRSB / CIB1 | NONE | | | | | |

05/16/11

AREVA EPR DC Chapter 5:
P4 Closure Plan

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|---------------------------------------|-------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| Chapter 5.0 (Ph 4 Tech Review) | | | | | Frank Memo 2 | Frank Memo 4 | |
| RAI 365, Question 05.02.01.01-5 | EMB1 C.Wu | 03/31/10 | 03/02/10 | 03/03/11 | 05/24/10 | 06/14/10 | |
| RAI 332, Question 05.02.02-11 | SRSB J.Budzinksi | 12/18/09 | 12/17/09 | 03/03/11 | 03/01/10 | 03/22/10 | |
| RAI 332, Question 05.02.02-12 | SRSB J.Budzinksi | 12/18/09 | 12/17/09 | 03/03/11 | 03/01/10 | 03/22/10 | |
| RAI 88, Question 05.02.03-1 | CIB1 R.Davis | 10/09/08 | 10/09/08 | 11/08/08 | 11/10/08 | 12/01/08 | |
| RAI 88, Question 05.02.03-14 | CIB1 R.Davis | 10/09/08 | | 01/15/09 | 01/09/09 | 01/30/09 | |
| RAI 278, Question 05.02.03-20 | CIB1 R.Davis | 09/14/09 | 06/28/10 | 12/15/10 | | 01/05/11 | |
| RAI 278, Question 05.02.03-21 | CIB1 R.Davis | 09/14/09 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 278, Question 05.02.03-22 | CIB1 R.Davis | 09/14/09 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 278, Question 05.02.03-23 | CIB1 R.Davis | 09/14/09 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 365, Question 05.02.05-9 | SBPB C. Li | 03/31/10 | | | 04/27/10 | 05/18/10 | |
| RAI 365, Question 05.02.05-10 | SBPB C. Li | 03/31/10 | | | 04/27/10 | 05/18/10 | |
| RAI 365, Question 05.02.05-11 | SBPB C. Li | 03/31/10 | | | 04/27/10 | 05/18/10 | |
| RAI 357, Question 05.03.01-13 | CIB1 J.Jenkins | 01/12/10 | | 07/27/10 | 07/27/10 | 08/17/10 | |
| RAI 365, Question 05.03.01-14 | CIB1 J.Jenkins | 03/31/10 | | | 04/27/10 | 05/18/10 | |
| RAI 365, Question 05.03.01-15 | CIB1 J.Jenkins | 03/31/10 | | | 04/27/10 | 05/18/10 | |
| RAI 64, Question 05.03.02-5 | CIB1 S.Downey | 09/22/08 | | 04/30/09 | 04/30/09 | 05/21/09 | 03/31/11 |
| RAI 278 , Question 05.03.02-7 | CIB1 S.Downey | 09/14/09 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 278, Question 05.03.02-8 | CIB1 S.Downey | 09/14/08 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 278, Question 05.03.02-9 | CIB1 S.Downey | 09/14/08 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 278, Question 05.03.02-10 | CIB1 S.Downey | 09/14/08 | 06/28/10 | 08/27/10 | 08/27/10 | 09/17/10 | |
| RAI 341, Question 05.04.01.01-2 | CIB1 J.Honcharik | 12/15/09 | | | 02/27/10 | 03/19/10 | |
| RAI 341, Question 05.04.01.01-3 | CIB1 J.Honcharik | 12/15/09 | | | 02/27/10 | 03/19/10 | |
| RAI 341, Question 05.04.01.01-4 | CIB1 J.Honcharik | 12/15/09 | | | 02/27/10 | 03/19/10 | |
| RAI 364, Question 05.04.02.02-16 | CIB1 G.Makar | 02/02/10 | | | 03/01/10 | 03/22/10 | |
| RAI 342, Question 05.04.12-5 | SRSB J.Budzinksi | 01/19/10 | | | 03/01/10 | 03/22/10 | |
| Confirmatory Items | | | | | | | |
| eRAI 757, Question 05.02.01.01-4 | EMB1 C.Wu | | | | | | |
| eRAI 2243, Question 05.02.03-15 | CIB1 R.Davis | | | | | | |

**AREVA EPR DC Chapter 8:
P4 Closure Plan**

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|-------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| <u>Chapter 8.0 (Ph 4 Tech Review)</u> | | | | | Frank Memo 2 | Frank Memo 4 | |
| No Open Items Identified | | | | | | N/A | 02/22/11 |

AREVA EPR DC Chapter 11: P4
Closure Plan

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|--------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| Chapter 11.0 (Ph 4 Tech Review) | Jean-Claude | | | | Frank Memo 2 | Frank Memo 4 | |
| RAI 273 Question # 11.02-14 | | | | 12/17/10 | 01/07/11 | 01/07/11 | |
| RAI 301 Question # 11.02-17 | | | | | 07/28/10 | 08/18/10 | |
| RAI 301 Question # 11.02-17(4) | | | | | 07/28/10 | 08/18/10 | |
| RAI 301 Question # 11.02-17(5) | | | | | 07/28/10 | 08/18/10 | |
| RAI 359 Question # 11.02-18 | | | | | 05/07/10 | 05/28/10 | |
| RAI 273 Question # 11.03-12 | | | | 12/17/10 | 01/07/11 | 01/07/11 | |
| RAI 301 Question # 11.03-15 | | | | | 07/28/10 | 08/18/10 | |
| RAI 273 Question # 11.05-2 | | | | 12/17/10 | 01/07/11 | 01/07/11 | |
| RAI 276 Question # 11.05-13 - © | | | | | 10/01/10 | 10/22/10 | |
| RAI 290 Question # 11.05-15 | | | | | 03/31/10 | 04/21/10 | |
| RAI 346 Question # 11.05-20 | | | | | 04/01/10 | 04/22/10 | |
| RAI 387, Question 11.02-21 S5(Follow-up to RAI 299, 11.2-16a,c,d,f,g,h, and k) | | | | | 10/13/10 | 11/03/10 | |
| RAI 405, Question 11.05-22 © | | | | | 07/29/10 | 08/19/10 | |
| RAI 405, Question 11.05-22 S1 | | | | | 06/24/10 | 07/15/10 | |
| RAI 405, Question 11.05-23 (Follow-up to 11.05-2 S4) © | | | | | 07/29/10 | 08/19/10 | |
| RAI 405, Question 11.05-24 S1(Follow-up to 11.05-14 S1) | | | | 11/22/10 | 12/13/10 | 12/13/10 | |
| RAI 405, Question 11.05-25 S1 (Follow-up to 11.03-13) | | | | | 07/29/10 | 08/19/10 | |
| RAI 387 Question 11.02-20 (Follow-up to 11.02-15) © | | | | | 06/14/10 | 07/05/10 | |
| RAI 387 Question 11.02-20b (Follow-up to 11.02-15) © | | | | | 08/04/10 | 08/25/10 | |
| RAI 391 Question 11.03-16 S3 (Follow-up to 11.03-14) - C | | | | | 07/29/10 | 08/04/10 | |
| RAI 391 Question 11.03-17 (Follow-up to 11.03-13 S5) | | | | | 06/22/10 | 07/13/10 | |
| RAI 405, Question 11.03-18 (Follow-up to 11.03-15 and 11.02-16(j)) © | | | | | 07/29/10 | 08/19/10 | |
| RAI 391 Question 11.04-16 (Follow-up to 11.04-8) | | | | | 06/22/10 | 07/13/10 | |
| RAI 405 Question 11.05-22 S1 (Follow-up to 11.05-20) © | | | | | 07/29/10 | 08/19/10 | |
| RAI 405, Question 11.02-22 (Follow-up to 11.02-17(5)) © | | | | | 07/29/10 | 08/19/10 | |
| RAI 405, Question 11.02-22 S1 - C | | | | | | | |
| RAI 405, Question 11.02-23 (Follow-up to 11.02-16(j)) © | | | | | 07/29/10 | 08/19/10 | |
| RAI 405, Question 11.02-24 (Follow-up to 11.02-17) © | | | | | 07/29/10 | 08/19/10 | |
| RAI 436, Question 11.02-26 (Follow-up to RAI 359, Q 11.02-18 S1) | | | | | 11/08/10 | 11/29/10 | |
| RAI 436, Question 11.05-26 (Follow-up to RAI 405 Q 11.05-22 S1) | | | | | 10/01/10 | 10/22/10 | |
| RAI 436, Question 11.05-27 (Follow-up to RAI 405 Q 11.05-25 S1) | | | | | 10/01/10 | 10/22/10 | |

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|---|---------------------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| CONFIRMATORY ITEMS | | | | | | | |
| 11.02-4 | | | | | | 01/20/00 | |
| 11.02-6 | | | | | | 01/20/00 | |
| 11.02-7 | | | | | | 01/20/00 | |
| 11.02-8 | | | | | | 01/20/00 | |
| 11.02-9 | | | | | | 01/20/00 | |
| 11.02-11 | | | | | | 01/20/00 | |
| 11.02-12 | | | | | | 01/20/00 | |
| 11.02-13 | | | | | | 01/20/00 | |
| 11.03-4 | | | | | | 01/20/00 | |
| 11.03-5 | | | | | | 01/20/00 | |
| 11.03-7 | | | | | | 01/20/00 | |
| 11.03-8 | | | | | | 01/20/00 | |
| 11.03-9 | | | | | | 01/20/00 | |
| 11.03-10 | | | | | | 01/20/00 | |
| 11.04-5 | | | | | | 01/20/00 | |
| 11.04-6 | | | | | | 01/20/00 | |
| 11.04-7 | | | | | | 01/20/00 | |
| 11.04-8 | | | | | | 01/20/00 | |
| 11.04-14 | | | | | | | |
| 11.05-2 (RAI 273) | | | | | | 01/20/00 | |
| 11.05-3 | | | | 10/01/10 | | | |
| 11.05-4 | | | | | | 01/20/00 | |
| RAI 273, Question 11.05-2 (FSAR markup awaiting) | | | | 12/17/10 | | 01/07/11 | |
| RAI 273, Question 11.05-5 (FSAR markup awaiting) | | | | 12/17/10 | | 01/07/11 | |
| RAI 273, Question 11.05-7 (FSAR markup awaiting) | | | | 12/17/10 | | 01/07/11 | |
| RAI 273, Question 11.05-8 (FSAR markup awaiting) | | | | 12/17/10 | | 01/07/11 | |
| RAI 273, Question 11.05-9 (FSAR markup awaiting) | | | | 12/17/10 | | 01/07/11 | |
| RAI 273, Question 11.05-10 (FSAR markup awaiting) | | | | 12/17/10 | | 01/07/11 | |
| 11.05-11 | | | | | | 01/20/00 | |
| 11.05-12 | | | | | | 01/20/00 | |
| 11.05-13 | | | | | | 01/20/00 | |
| 11.05-16 (RAI 290) | | | | | 10/01/10 | | |
| 11.05-17 | | | | | | 10/22/10 | |
| 11.05-18 | | | | | | 01/20/00 | |
| 11.05-19 (RAI 290) | | | | | 10/01/10 | 10/22/10 | |
| RAI 387 Question 11.02-19 (Follow-up to 11.02-5) | | | | 10/01/10 | | 10/22/10 | |
| RAI 273 Question 11.04-8 | (Open Item become Confirmatory) | | | | | 05/19/10 | |
| RAI 273, Question 11.04-10 | (Open Item become Confirmatory) | | | | | 05/20/10 | |
| RAI 273, Question 11.04-12 | (Open Item become Confirmatory) | | | | | 01/20/00 | |
| RAI 273, Question 11.04-13 | (Open Item become Confirmatory) | | | | | 01/20/00 | |
| RAI 273 Question 11.04-15 | (Open Item become Confirmatory) | | | | | 01/20/00 | |
| RAI 273, Question 11.05-1 | (Open Item become Confirmatory) | | | | | 05/20/10 | |

03/08/11

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response to discussion with applicant. | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|---------------------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| RAI 387, Question 11.02-19 | (Open Item become Confirmatory) | | | | | 01/20/00 | |
| RAI 273, Question 11.04-15 | (Open Item become Confirmatory) | | | | | 01/20/00 | |
| RAI 391, Question 11.03-17a | (Open Item become Confirmatory) | | | | 05/20/10 | 06/10/10 | |
| RAI 391, Question 11.03-17b | (Open Item become Confirmatory) | | | | 06/25/10 | 07/16/10 | |
| RAI 391, Question 11.04-16 | (Open Item become Confirmatory) | | | | 06/25/10 | 07/16/10 | |
| RAI 405, Question 11.02-23 (Follow-up to 11.02-16(i)) | (Open Item become Confirmatory) | | | | 06/25/10 | 07/16/10 | |
| RAI 405, Question 11.02-24 (Follow-up to 11.02-17) | (Open Item become Confirmatory) | | | | 07/15/10 | 08/05/10 | |
| RAI 405, Question 11.03-18 (Follow-up to 11.03-15 and 11.02-16(j)) | (Open Item become Confirmatory) | | | | 07/15/10 | 08/05/10 | |
| RAI 391 Question 11.03-16 (Follow-up to 11.03-14) | (Open Item become Confirmatory) | | | | 07/15/10 | 08/10/10 | |
| RAI 405, Question 11.05-23 | (Open Item become Confirmatory) | | | | 07/15/10 | 08/05/10 | |
| RAI 387 Question 11.02-19 (Follow-up to 11.02-5) | | | | | | | |

AREVA EPR DC Chapter 12: P4 Closure Plan

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Chapter Issuance |
|---|--------------------|--------------------------|--|--------------------------------|----------------------------|------------------|
| Chapter 12.0 (Ph 4 Tech Review) | Sara Bernal | | | | Frank Memo 2 | |
| RAI 280 Question 12.02-5 | | | | | 05/13/10 | |
| RAI 280 Question 12.02-6 | | | | | 05/13/10 | |
| RAI 23 Question 12.03-12.04-1 | | | | | 12/03/09 | |
| RAI 254 Question 12.03-12.04-15 | | | | | 09/10/09 | |
| RAI 280 Question 12.03-12.04-17 | | | | 12/02/10 | | |
| RAI 295 Question 12.03-12.04-18 | | | | | 05/12/10 | |
| RAI 446, Question 12.03-12.04-24 (Follow-up to 12.03-12.04-23) | | 09/24/10 | | | 02/19/10 | |
| RAI 296 Question 12.03-12.04-19 | | | | | 02/19/10 | |
| RAI 302 Question 12.05-3 | | | | | 08/27/09 | |
| RAI 228, Question 12.03-12.04-9 | | | | | | |
| RAI 360 Question 12.3-12.4-21 (Follow-up to 12.03-12.04-9) | | | | 11/22/10 | | 03/29/11 |
| RAI 228, Question 12.03-12.04-10 | | | | | 08/27/09 | |
| RAI 360 Question 12.3-12.4-20 (Follow-up to 12.03-12.04-10) | | | | | 07/12/10 | |
| RAI 438, Question 12.3-12.4-23 (Follow-up to 12.03-12.04-10/20) | | 08/27/10 | | 11/01/10 | | |
| RAI 424, Question 12.03-12.04-22 (New Phase 4 RAI) | | 06/23/10 | | 12/13/10 | | |
| CONFIRMATORY ITEMS | | | | | | |
| Confirmatory Item 12.3-12.4-11 | | | | | | |
| Confirmatory Item 12.3-12.4-12 | | | | | | |
| Confirmatory Item 12.3-12.4-13 | | | | | | |
| Confirmatory Item 12.3-12.4-14 | | | | | | |

**AREVA EPR DC Chapter 13:
P4 Closure Plan**

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|-------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|
| Chapter 13.0 (Ph 4 Tech Review) | | | | | Frank Memo 2 | Frank Memo 4 | |
| RAI 425 Question 13.06.02-1 NSIR/RSRLB | Pete Lee | 06/22/10 | | 02/15/11 | | 03/08/11 | |
| RAI 425 Question 13.06.02-2 NSIR/RSRLB | Pete Lee | 06/22/10 | | 02/15/11 | | 03/08/11 | |
| RAI 425 Question 13.06.02-4 NSIR/RSRLB | Pete Lee | 06/22/10 | | 02/15/11 | | 03/08/11 | 06/01/11 |
| Confirmatory Items | | | | | | | |
| RAI 78 14.03.05-3 | | | | | | | |

AREVA EPR DC Chapter 17:
P4 Closure Plan

| | Branch / Reviewer | Date Issued to applicant | Draft response discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance | | | | | |
|---|-------------------|--------------------------|--|--------------------------------|----------------------------|--|------------------|--|--|--|--|--|
| Open Item / Additional P4 Change | | | | | | | | | | | | |
| <u>Chapter 17.0 (Ph 4 Tech Review)</u> | | | | | Frank Memo 2 | Frank Memo 4 | | | | | | |
| RAI 355, Question 17.04-23 | SPRA / Phan | 03/11/10 | | 11/23/10 | | 01/28/11 | 05/24/11 | | | | | |
| RAI 327, Question 17.05-2 | SPRA / Phan | 11/05/09 | N/A | 12/06/09 | 12/04/09 | 12/16/10 | | | | | | |

**AREVA EPR DC Chapter 19:
P4 Closure Plan**

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response to discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|-------------------|--------------------------|---|--------------------------------|----------------------------|--|------------------|
| <u>Chapter 19.0 (Ph 4 Tech Review)</u> | | | | | Frank Memo 2 | Frank Memo 4 | |
| <u>RAI 289, Question 19-329 (PRA Quality)</u> | SPRA | 09/10/09 | None (9/4/09) | 10/15/10 | | 01/14/11 | |
| <u>RAI 227, Question 19-284 (IEs PRA)</u> | SPRA | 06/05/09 | 05/29/09 | 12/16/09 | <u>12/16/09</u> | 01/14/11 | |
| <u>RAI 227, Question 19-287 (IEs PRA)</u> | SPRA | 06/05/09 | 05/29/09 | 12/16/09 | <u>12/16/09</u> | 01/14/11 | |
| <u>RAI 227, Question 19-292 (IEs PRA)</u> | SPRA | 06/05/09 | 05/29/09 | 12/16/09 | <u>12/16/09</u> | 01/14/11 | |
| <u>RAI 227, Questions 19-293, 19-294, and 19-295 (IEs PRA)</u> | SPRA | 06/05/09 | 05/29/09 | 09/18/09 | <u>09/17/09</u> | 01/14/11 | |
| <u>RAI 289, Question 19-328 (IEs PRA)</u> | SPRA | 09/10/09 | None (9/4/09) | 08/23/10 | | 10/29/10 | |
| <u>RAI 234, Question 19-304 (SMA)</u> | SEB2 | 06/12/09 | 06/11/09 | 11/05/09 | <u>11/05/09</u> | 09/30/10 | |
| <u>RAI 349, Question 19-330 (SMA)</u> | SEB2 | 01/26/10 | 01/19/10 | 04/30/10 | <u>04/30/10</u> | 09/30/10 | |
| <u>RAI 349, Question 19-331 (SMA)</u> | SEB2 | 01/26/10 | 01/19/10 | 04/30/10 | <u>04/30/10</u> | 09/30/10 | |
| <u>RAI 269, Question 19-327 (Fire PRA)</u> | SPRA | 08/21/09 | None (8/20/09) | 09/21/09 | <u>09/17/09</u> | 01/14/11 | |
| <u>RAI 349, Question 19-334 (Level 2 PRA)</u> | SPRA | 01/26/10 | 01/19/10 | 08/23/10 | | 10/29/10 | |
| <u>RAI 349, Question 19-335 (Level 2 PRA)</u> | SPRA | 01/26/10 | 01/19/10 | 08/23/10 | | 10/29/10 | |
| <u>RAI 349, Question 19-333 (Level 2 PRA)</u> | SPRA | 01/26/10 | 01/19/10 | 08/23/10 | | 10/29/10 | |
| <u>RAI 262, Question 19-319 (SA Mitigation)</u> | SPRA | 07/30/09 | 07/30/09 | 10/30/09 | <u>10/28/09</u> | 09/20/10 | |

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response to discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|--|-------------------|--------------------------|---|--------------------------------|----------------------------|--|------------------|
| | | | | | | | 05/24/11 |
| RAI 262, Question 19-320 (SA Mitigation) | SPRA | 07/30/09 | 07/30/09 | 10/30/09 | 10/28/09 | 09/20/10 | |
| RAI 262, Question 19-321 (SA Mitigation) | SPRA | 07/30/09 | 07/30/09 | 10/14/09 | 10/12/09 | 09/20/10 | |
| RAI 262, Question 19-322 (SA Mitigation) | SPRA | 07/30/09 | 07/30/09 | 10/30/09 | 10/28/09 | 09/20/10 | |
| RAI 262, Question 19-323 (SA Mitigation) | SPRA | 07/30/09 | 07/30/09 | 10/14/09 | 10/12/09 | 09/20/10 | |
| RAI 262, Question 19-324 (SA Mitigation) | SPRA | 07/30/09 | 07/30/09 | 10/14/09 | 10/12/09 | 09/20/10 | |
| RAI 262, Question 19-325 (SA Mitigation) | SPRA | 07/30/09 | 07/30/09 | 08/31/09 | 08/31/09 | 09/20/10 | |
| RAI 349, Question 19-332 (SA Mitigation) | SPRA | 01/26/10 | 01/19/10 | 08/23/10 | | 10/29/10 | |
| RAI 234, Question 19-305 (CPC) | SEB2 | 06/12/09 | 06/11/09 | 10/30/09 | 10/30/09 | 09/22/10 | |
| RAI 234, Question 19-306 (CPC) | SEB2 | 06/12/09 | 06/11/09 | 10/30/09 | 10/30/09 | 09/22/10 | |
| RAI 133, Question 19-243 (SA Management) | SPRA | 11/06/08 | 11/06/08 | 06/19/09 | 06/19/09 | 09/20/10 | |
| RAI 22, Question 19-160 (SA Management) | SPRA | 07/03/08 | 06/26/08 | 11/04/08 | 11/04/08 | 09/20/10 | |
| RAI 382, Question 19-336 | SPRA | | | | | 11/19/10 | |

| Open Item / Additional P4 Change | Branch / Reviewer | Date Issued to applicant | Draft response to discussion with applicant | Applicant Target Response Date | Actual Final Response Date | Staff Decision Date (Response Acceptable?) | Chapter Issuance |
|----------------------------------|-------------------|--------------------------|---|--------------------------------|----------------------------|--|------------------|
| Confirmatory Item 19-285 | SPRA | | | | | | |
| Confirmatory Item 19-316 | SPRA | | | | | | |
| Confirmatory Item 19-160 | SPRA | | | | | | |
| Confirmatory Item 19-220 | SPRA | | | | | | |
| Confirmatory Item 19-301 | SPRA | | | | | | |
| Confirmatory Item 19-314 | SPRA | | | | | | |
| Confirmatory Item 19-315 | SPRA | | | | | | |
| Confirmatory Item 19-299 | SPRA | | | | | | |
| Correct factual errors | | | | | | | |
| AIA Review and RAI issuance | SPRA / SEB | | | | | | |
| ACRS Open Items - TBD | | | | | | | |

| EPR Design Certification Review Schedule | | | | | | | Calvert Cliffs RCOLA Review Schedule | | | | | | | Bell Bend SCOLA Review Schedule | | | | |
|--|---------------------|-----------------|---------------------|-----------------|----------|---------------------|--------------------------------------|---------------------|-----------------|---------|---------------------|-----------------|---------------------|---------------------------------|---------|---------------------|-----------------|--|
| Chapter | P2 Chapter Issuance | P3 ACRS Meeting | P4 Chapter Issuance | P5 ACRS Meeting | Chapter | P2 Chapter Issuance | P3 ACRS Meeting | P4 Chapter Issuance | P5 ACRS Meeting | Chapter | P2 Chapter Issuance | P3 ACRS Meeting | P4 Chapter Issuance | P5 ACRS Meeting | Chapter | PB Chapter Issuance | PC ACRS Meeting | |
| 1 | 6/23/2011 | | | | 1 | 9/30/2011 | | | | 1 | | | | | 1 | 7/5/2012 | | |
| 2 | A 8/31/09 | A 11/03/09 | 05/31/11 | | 2 Gr I | A 10/29/2010 | S 01/12/11 | N/A | | 2 | | | | | 2 | 7/2/2012 | | |
| 3 Gr I | A 4/13/2010 | N/A | N/A | | 2 Gr II | 3/31/2011 | | | | | | | | | | | | |
| 3 Gr II | 1/14/2011 | N/A | N/A | | 3 Gr I | 3/15/2011 | | | | | | | | | | | | |
| 3 Gr III | 6/15/2011 | | | | | | | | | | | | | | | | | |
| 4 | A 2/2/2010 | A 03/03/10 | 05/16/11 | | 3 Gr II | 9/30/2011 | | | | | | | | | | 8/14/2012 | | |
| 5 | A 2/3/2010 | A 03/03/10 | 03/31/11 | | 4 | A 3/24/2010 | A 04/20/10 | 06/16/11 | | 4 | | | | | | 9/27/2011 | | |
| 6 Gr I | 11/9/2010* | S 2/7-8/11 | N/A | | 5 | A 3/22/2010 | A 04/20/10 | | | 5 | | | | | | 9/2/2011 | | |
| 6 Gr II | 4/6/2011* | | | | 6 Gr I | 11/23/2010* | | | | 6 | | | | | | 1/11/2012 | | |
| 7 | 6/23/2011 | | | | 6 Gr II | 5/4/2011* | | | | | | | | | | | | |
| 8 | A 8/14/2009 | A 11/03/09 | 02/22/11 | | 7 | 8/1/2011 | | | | 7 | | | | | | 12/27/2011 | | |
| 9 | 3/15/2011** | | | | 8 | A 1/6/2010 | A 02/19/10 | 02/22/11 | | 8 | | | | | | 11/9/2011 | | |
| 10 | A 10/16/2009 | A 11/19/09 | 01/31/11 | | 9 | 6/28/2011 | | | | 9 | | | | | | 2/28/2012 | | |
| 11 | A 3/3/2010 | A 04/06/10 | 03/08/11 | | 10 | A 6/11/2010 | S 11/30/10 | | | 10 | | | | | | 8/26/2011# | | |
| 12 | A 10/9/2009 | A 11/19/09 | 03/29/11 | | 11 | A 10/30/2010 | S 11/30/10 | 03/31/11 | | 11 | | | | | | 11/21/2011 | | |
| 13 | A 7/9/2010 | S 11/30/10 | 06/01/11 | | 12 | A 3/19/2010 | A 04/20/10 | | | 12 | | | | | | 10/6/2011 | | |
| 14 | 6/15/2011 | | | | 13 | 2/24/2011 | | | | 13 | | | | | | 2/22/2012 | | |
| 15 Gr I | A 8/10/2010 | S 2/7-8/11 | N/A | | 14 | 9/15/2011 | | | | 14 | | | | | | 8/10/2012 | | |
| 15 Gr II | 4/7/2011* | | | | 15 Gr I | 12/15/2010* | | | | 15 | | | | | | 1/3/2012 | | |
| 16 | A 2/25/2010 | A 04/06/10 | | | 15 Gr II | 4/12/2011* | | | | | | | | | | | | |
| 17 | A 01/15/2010 | A 02/18/10 | 05/24/11 | | 16 | A 10/11/2010 | S 11/30/10 | | | 16 | | | | | | 12/27/2011 | | |
| 18 | 12/15/2010 | | | | 17 | A 3/12/2010 | A 04/20/10 | 06/08/11 | | 17 | | | | | | 12/27/2011 | | |
| 19 | A 1/15/2010 | A 02/18/10 | 05/24/11 | | 18 | 12/15/2010 | A 05/21/10 | | | 18 | | | | | | 10/6/2011 | | |
| | | | | | 19 | A 4/19/2010 | A 05/21/10 | 08/31/11 | | 19 | | | | | | 3/21/2012 | | |

*Dates being reevaluated based on strategy for addressing GSI-191
 **Needs to be confirmed

Last Updated 11/09/10 - PC

#Predicted 1st Ch for ACRS

A = Actual
 S = Scheduled ACRS Meeting