

## ArevaEPRDCPEm Resource

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**From:** Tesfaye, Getachew  
**Sent:** Monday, February 22, 2010 3:51 PM  
**To:** DUNCAN Leslie E (AREVA NP INC)  
**Cc:** ArevaEPRDCPEm Resource  
**Subject:** AREVA EPR DC Review Schedule 02/22/2010  
**Attachments:** EPR\_AREVA\_DC\_2-18\_OFFLINE-R1.pdf

Les,  
Attached please find the latest U.S. EPR design certification review schedule.  
Thanks,  
Getachew

**Hearing Identifier:** AREVA\_EPR\_DC\_RAIs  
**Email Number:** 1162

**Mail Envelope Properties** (0A64B42AAA8FD4418CE1EB5240A6FED10E0E8CD412)

**Subject:** AREVA EPR DC Review Schedule 02/22/2010  
**Sent Date:** 2/22/2010 3:50:48 PM  
**Received Date:** 2/22/2010 3:50:50 PM  
**From:** Tesfaye, Getachew

**Created By:** Getachew.Tesfaye@nrc.gov

**Recipients:**

"ArevaEPRDCPEm Resource" <ArevaEPRDCPEm.Resource@nrc.gov>

Tracking Status: None

"DUNCAN Leslie E (AREVA NP INC)" <Leslie.Duncan@areva.com>

Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

| <b>Files</b>                     | <b>Size</b> | <b>Date &amp; Time</b> |
|----------------------------------|-------------|------------------------|
| MESSAGE                          | 106         | 2/22/2010 3:50:50 PM   |
| EPR_AREVA_DC_2-18_OFFLINE-R1.pdf |             | 20272                  |

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

| ID  | Task Name   | Duration       | Start               | Finish              |
|-----|---|----------------|---------------------|---------------------|
| 0   | <b>EPR_AREVA_DC</b>   | <b>1053d</b>   | <b>Wed 03/19/08</b> | <b>Tue 05/08/12</b> |
| 1   | <b>Design Certification Review - AREVA- EPR</b>   | <b>1053d</b>   | <b>Wed 03/19/08</b> | <b>Tue 05/08/12</b> |
| 2   | <b>Acceptance Decision</b>  | <b>0d</b>      | <b>Wed 03/19/08</b> | <b>Wed 03/19/08</b> |
| 3   | Acceptance Decision to Proceed with Safety Review   | 0d             | Wed 03/19/08        | Wed 03/19/08        |
| 4   | <b>Public Milestones</b>  | <b>729d</b>    | <b>Wed 01/28/09</b> | <b>Mon 12/12/11</b> |
| 5   | Phase 1 - Preliminary Safety Evaluation Report with Requests for Additional Information (RAIs) issued to applicant-Public | 0d             | Wed 01/28/09        | Wed 01/28/09        |
| 6   | Phase 2 - SER with Ois Issued-Public Milestone  | 0d             | Tue 12/21/10        | Tue 12/21/10        |
| 7   | Phase 3 - Response to ACRS regarding SER with Ois Issued-Public Milestone   | 0d             | Fri 02/25/11        | Fri 02/25/11        |
| 8   | Phase 4 - Advanced SER with No Ois Issued-Public Milestone  | 0d             | Fri 07/08/11        | Fri 07/08/11        |
| 9   | Phase 5 - Response to ACRS regarding SER with no Ois Issued-Public Milestone  | 0d             | Tue 10/25/11        | Tue 10/25/11        |
| 10  | Phase 6 - Final SER Issued-Public Milestone   | 0d             | Mon 12/12/11        | Mon 12/12/11        |
| 11  | <b>Safety Review</b>  | <b>946d</b>    | <b>Wed 03/19/08</b> | <b>Mon 12/12/11</b> |
| 12  | <b>Phase 1 - PSER and RAIs</b>  | <b>217d</b>    | <b>Wed 03/19/08</b> | <b>Wed 01/28/09</b> |
| 368 | <b>Phase 2 - SER with OIs</b>   | <b>638d</b>    | <b>Fri 06/06/08</b> | <b>Tue 12/21/10</b> |
| 369 | <b>P2 - Section and Chapter Preparation</b>   | <b>603d</b>    | <b>Fri 06/06/08</b> | <b>Fri 10/29/10</b> |
| 370 | <b>P2 - Chap 1.0 Introduction and General Description of Plant</b>  | <b>434d</b>    | <b>Tue 02/10/09</b> | <b>Fri 10/29/10</b> |
| 377 | <b>P2 - Chap 2.0 Site Characteristics</b>   | <b>270d</b>    | <b>Mon 08/25/08</b> | <b>Mon 09/21/09</b> |
| 415 | <b>P2 - Chap 3.0 Design of Structures, Components, Equipment, and Systems</b>   | <b>549d</b>    | <b>Fri 08/22/08</b> | <b>Fri 10/29/10</b> |
| 458 | <b>P2 - Chap 4.0 Reactor</b>  | <b>353d</b>    | <b>Fri 09/05/08</b> | <b>Wed 02/03/10</b> |
| 470 | <b>P2 - Chap 5.0 Reactor Coolant System and Connected Systems</b>   | <b>348d</b>    | <b>Fri 09/12/08</b> | <b>Wed 02/03/10</b> |
| 492 | <b>P2 - Chap 6.0 Engineered Safety Features</b>   | <b>543d</b>    | <b>Fri 07/18/08</b> | <b>Wed 09/15/10</b> |
| 516 | <b>P2 - Chap 7.0 I&amp;C Systems</b>  | <b>492d</b>    | <b>Fri 08/15/08</b> | <b>Mon 08/02/10</b> |
| 532 | <b>P2 - Chap 8.0 Electric Power</b>   | <b>127d</b>    | <b>Fri 01/09/09</b> | <b>Fri 07/10/09</b> |
| 545 | <b>P2 - Chap 9.0 Auxiliary Systems</b>  | <b>534d</b>    | <b>Fri 07/25/08</b> | <b>Thu 09/09/10</b> |
| 578 | <b>P2 - Chap 10.0 Steam and Power Conversion System</b>   | <b>242d</b>    | <b>Fri 09/19/08</b> | <b>Fri 09/04/09</b> |
| 597 | <b>P2 - Chap 11.0 Radioactive Waste Management</b>  | <b>326d</b>    | <b>Fri 11/07/08</b> | <b>Mon 03/01/10</b> |
| 609 | <b>P2 - Chap 12.0 Radiation Protection</b>  | <b>209d</b>    | <b>Fri 12/12/08</b> | <b>Fri 10/09/09</b> |
| 621 | <b>P2 - Chap 13.0 Conduct of Operations</b>   | <b>454d</b>    | <b>Fri 08/08/08</b> | <b>Tue 06/01/10</b> |
| 637 | <b>P2 - Chap 14.0 Initial Test Program</b>  | <b>569d</b>    | <b>Fri 07/25/08</b> | <b>Fri 10/29/10</b> |
| 655 | <b>P2 - Chap 15.0 Safety Analysis</b>   | <b>429d</b>    | <b>Mon 08/25/08</b> | <b>Tue 05/11/10</b> |
| 682 | <b>P2 - Chap 16.0 Technical Specifications</b>  | <b>331d</b>    | <b>Fri 10/31/08</b> | <b>Mon 03/01/10</b> |
| 694 | <b>P2 - Chap 17.0 Quality Assurance During design and Construction</b>  | <b>347d</b>    | <b>Fri 08/22/08</b> | <b>Tue 01/12/10</b> |
| 703 | <b>P2 - Chap 18.0 Human Factors</b>   | <b>540.86d</b> | <b>Fri 06/06/08</b> | <b>Mon 08/02/10</b> |
| 723 | <b>P2 - Chap 19.0 Severe Accidents/Probabilistic Risk Assessment (PRA)</b>  | <b>290d</b>    | <b>Wed 11/19/08</b> | <b>Fri 01/15/10</b> |
| 732 | <b>P2 - Appendices</b>  | <b>9d</b>      | <b>Fri 10/01/10</b> | <b>Thu 10/14/10</b> |
| 739 | <b>P2 - SER with OI Document Completion</b>   | <b>0d</b>      | <b>Fri 10/29/10</b> | <b>Fri 10/29/10</b> |
| 741 | SER Phase 2 Managed Reserve   | 35d            | Mon 11/01/10        | Tue 12/21/10        |
| 742 | Phase 2 Complete - SER with OIs Issued (with Mgmt Reserve)  | 0d             | Tue 12/21/10        | Tue 12/21/10        |
| 743 | <b>Phase 3 - ACRS Review of SER with OI</b>   | <b>366d</b>    | <b>Mon 09/14/09</b> | <b>Fri 02/25/11</b> |
| 744 | <b>Phase 3 - Group 1 (Ch 2, 8, 10, and 12) ACRS Review</b>  | <b>48d</b>     | <b>Mon 09/14/09</b> | <b>Fri 11/20/09</b> |
| 750 | <b>Phase 3 - Group 2 (Ch 4, 5, 11, 16, 17, and 19) ACRS Review</b>  | <b>55d</b>     | <b>Fri 01/15/10</b> | <b>Tue 04/06/10</b> |
| 761 | <b>Phase 3 - Group 3 (Ch 6, 7, 9, 13, 15 and 18) ACRS Review</b>  | <b>26d</b>     | <b>Wed 09/15/10</b> | <b>Fri 10/22/10</b> |

| ID   | Task Name   | Duration    | Start               | Finish              |
|------|---|-------------|---------------------|---------------------|
| 766  | <b>Phase 3 - Group 4 ACRS Review (Ch 1, 3 and 14)</b>                         | <b>23d</b>  | <b>Fri 10/29/10</b> | <b>Fri 12/03/10</b> |
| 771  | Phase 3 - ACRS Interim Letter to Commission Received on SER with OIs          | 0d          | Fri 12/03/10        | Fri 12/03/10        |
| 772  | <b>P3 Respond to ACRS Letter</b>  | <b>42d</b>  | <b>Mon 12/06/10</b> | <b>Wed 02/02/11</b> |
| 779  | Phase 3 Complete  | 0d          | Mon 01/03/11        | Mon 01/03/11        |
| 780  | SER Phase 3 Managed Reserve   | 40d         | Mon 01/03/11        | Fri 02/25/11        |
| 781  | Phase 3 Complete - ACRS Review of SER with OI (with Mgmt Reserve)             | 0d          | Fri 02/25/11        | Fri 02/25/11        |
| 782  | <b>Phase 4 - Advanced SER with No OI</b>                                      | <b>403d</b> | <b>Mon 12/07/09</b> | <b>Fri 07/08/11</b> |
| 783  | <b>P4 - Section and Chapter Preparation</b>                                   | <b>310d</b> | <b>Mon 12/07/09</b> | <b>Mon 02/28/11</b> |
| 784  | <b>P4 - Chap 1.0 Introduction and General Description of Plant</b>            | <b>40d</b>  | <b>Tue 01/04/11</b> | <b>Mon 02/28/11</b> |
| 791  | <b>P4 - Chap 2.0 Site Characteristics</b>                                     | <b>303d</b> | <b>Mon 12/07/09</b> | <b>Thu 02/17/11</b> |
| 801  | <b>P4 - Chap 3.0 Design of Structures, Components, Equipment, and Systems</b> | <b>203d</b> | <b>Tue 05/11/10</b> | <b>Mon 02/28/11</b> |
| 814  | <b>P4 - Chap 4.0 Reactor</b>  | <b>231d</b> | <b>Thu 04/01/10</b> | <b>Mon 02/28/11</b> |
| 822  | <b>P4 - Chap 5.0 Reactor Coolant System and Connected Systems</b>             | <b>230d</b> | <b>Fri 04/02/10</b> | <b>Mon 02/28/11</b> |
| 833  | <b>P4 - Chap 6.0 Engineered Safety Features</b>                               | <b>114d</b> | <b>Thu 09/16/10</b> | <b>Mon 02/28/11</b> |
| 843  | <b>P4 - Chap 7.0 I&amp;C Systems</b>  | <b>105d</b> | <b>Wed 09/29/10</b> | <b>Mon 02/28/11</b> |
| 850  | <b>P4 - Chap 8.0 Electric Power</b>   | <b>303d</b> | <b>Mon 12/07/09</b> | <b>Thu 02/17/11</b> |
| 857  | <b>P4 - Chap 9.0 Auxiliary Systems</b>  | <b>68d</b>  | <b>Tue 11/23/10</b> | <b>Mon 02/28/11</b> |
| 871  | <b>P4 - Chap 10.0 Steam and Power Conversion System</b>                       | <b>294d</b> | <b>Mon 12/21/09</b> | <b>Fri 02/18/11</b> |
| 879  | <b>P4 - Chap 11.0 Radioactive Waste Management</b>                            | <b>200d</b> | <b>Wed 05/05/10</b> | <b>Thu 02/17/11</b> |
| 889  | <b>P4 - Chap 12.0 Radiation Protection</b>                                    | <b>293d</b> | <b>Mon 12/21/09</b> | <b>Thu 02/17/11</b> |
| 896  | <b>P4 - Chap 13.0 Conduct of Operations</b>                                   | <b>68d</b>  | <b>Mon 11/22/10</b> | <b>Mon 02/28/11</b> |
| 907  | <b>P4 - Chap 14.0 Initial Test Program</b>                                    | <b>83d</b>  | <b>Mon 11/01/10</b> | <b>Mon 02/28/11</b> |
| 925  | <b>P4 - Chap 15.0 Safety Analysis</b>   | <b>112d</b> | <b>Mon 09/20/10</b> | <b>Mon 02/28/11</b> |
| 936  | <b>P4 - Chap 16.0 Technical Specifications</b>                                | <b>207d</b> | <b>Wed 05/05/10</b> | <b>Mon 02/28/11</b> |
| 945  | <b>P4 - Chap 17.0 Quality Assurance</b>                                       | <b>238d</b> | <b>Mon 03/22/10</b> | <b>Fri 02/25/11</b> |
| 953  | <b>P4 - Chap 18.0 Human Factors</b>   | <b>68d</b>  | <b>Tue 11/23/10</b> | <b>Mon 02/28/11</b> |
| 961  | <b>P4 - Chap 19.0 Severe Accidents/Probabilistic Risk Assessment (PRA)</b>    | <b>224d</b> | <b>Mon 03/22/10</b> | <b>Mon 02/07/11</b> |
| 970  | <b>P4 - Advanced SER with No OI Document Completion</b>                       | <b>93d</b>  | <b>Mon 02/28/11</b> | <b>Fri 07/08/11</b> |
| 976  | <b>Phase 5 - ACRS Review of Draft FSER with No OI</b>                         | <b>120d</b> | <b>Tue 05/10/11</b> | <b>Tue 10/25/11</b> |
| 993  | <b>Phase 6 - FSER with No OI</b>  | <b>109d</b> | <b>Tue 07/12/11</b> | <b>Mon 12/12/11</b> |
| 1066 | <b>Design Certification Rulemaking</b>  | <b>261d</b> | <b>Tue 05/10/11</b> | <b>Tue 05/08/12</b> |
| 1067 | <b>Proposed Rule</b>  | <b>100d</b> | <b>Tue 05/10/11</b> | <b>Tue 09/27/11</b> |
| 1073 | <b>Final Rule</b>   | <b>161d</b> | <b>Tue 09/27/11</b> | <b>Tue 05/08/12</b> |
| 1080 | NPLS schedule support   | 909d        | Fri 07/25/08        | Wed 02/22/12        |
| 1081 | <b>Project Management</b>   | <b>946d</b> | <b>Wed 03/19/08</b> | <b>Mon 12/12/11</b> |