

June 25, 2009

Ms. Sandra M. Sloan
Manager of Regulatory Affairs
New Plants Deployment
AREVA NP Inc.
3315 Old Forest Road
Lynchburg, VA 24506-0935

SUBJECT: AREVA NP INC. - U.S. EPR STANDARD DESIGN CERTIFICATION
APPLICATION REVIEW SCHEDULE

Dear Ms. Sloan:

By letter dated March 19, 2009 (ML082840546), the NRC staff issued a revised review schedule for your December 11, 2007, application for a standard design certification (DC) of the U.S. EPR, which was submitted pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants." As indicated in this letter, Phase 1 of the DC review was completed on January 28, 2009. The staff's review schedule assumes technically correct and complete responses within 30 days of receipt to NRC's requests for additional information (RAIs). AREVA provides a schedule for responding to any RAIs that it is unable to answer within 30 days, which allows the staff to assess the impact on the published schedule. Accordingly, this letter transmits the results of the staff's latest assessment based on the RAI response schedule AREVA provided through June 2, 2009.

The overall review schedule for EPR DC is now 42 months. Revised milestones for the remaining five phases of the DC review as well as the supporting topical reports that are currently under review are provided in the enclosure to this letter. The Phase 6 target date maintains the 60 work-day managed reserve included in the original schedule. Additionally, this letter provides a new milestone for the design certification rule making activities consistent with SECY-09-0018, "Streamlining Design Certification Rulemaking."

The staff will continue to evaluate schedule impacts as new information is received from both internal and external sources. As indicated in our March 26, 2008(ML080790431), letter, any new and significant changes to RAI response schedule or additions to the DC application or supporting documentation could impact scheduled completion dates.

S. Sloan

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If you have any questions or comments concerning this matter, I can be reached at 301-415-3361 or via e-mail address at getachew.tesfaye@nrc.gov.

Sincerely,

/RA/

Getachew Tesfaye, Sr. Project Manager
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket No. 52-020

Enclosure:
As stated

cc: See next page

S. Sloan

- 2 -

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NAME	GTesfaye	JMcLellan	JColaccino	FAkstulewicz JColaccino for
DATE	06/23/09	06/23/09	06/25/09	06/25/09

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(Revised 05/13/2009)

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AREVA NP Inc. – U.S. EPR Design Certification Application Review Milestones

Task	Target Date
Phase 1 - Preliminary Safety Evaluation Report (SER) and Request for Additional Information (RAI)	Completed
Phase 2 - SER with Open Items	June 30, 2010
Phase 3 – Advisory Committee on Reactor Safeguards (ACRS) Review of SER with Open Items	September 28, 2010
Phase 4 - Advanced SER with No Open Items	April 2011
Phase 5 - ACRS Review of Advanced SER with No Open Items	July 2011
Phase 6 – Final SER with No Open Items	September 2011
Rulemaking	February 2012

Topical Reports Draft Safety Evaluation

Topical Report	Target Date
ANP-10272, "Software Program Manual TELEPERM XS™ Safety Systems Topical Report"	March 26, 2010
ANP-10278P, Revision 0, "U.S. EPR Realistic Large Break Loss of Coolant Accident Topical Report"	September 30, 2009
ANP-10281P, "U.S. EPR Digital Protection System Topical Report"	March 26, 2010
ANP-10285P, "U.S. EPR Fuel Assembly Mechanical Design Topical Report"	October 31, 2009
ANP-10286P, "U.S. EPR Rod Ejection Accident Methodology Topical Report"	August 31, 2009
ANP-10287P, "Incore Trip Setpoint and Transient Methodology for U.S. EPR Topical Report"	July 31, 2009

ENCLOSURE