



June 16, 2006
NRC:06:028

Document Control Desk
ATTN: Girija S. Shukla
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Status of AREVA NP Inc. Topical Reports

Dr. Mr. Shukla:

This letter provides the status of AREVA NP Inc.'s topical reports that are being reviewed by the NRC and that are being developed for future submittal. Your particular attention is drawn to the listing of reports being reviewed, which includes a statement of expectation for completion of the review and other notable milestones. AREVA NP requests your assistance in achieving these dates, some of which were provided to us by the responsible reviewers. The listing of future reports includes the scheduled submittal dates.

We look forward to discussing the status of these reports with you.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Ronnie L. Gardner'.

Ronnie L. Gardner, Manager
Site Operations and Regulatory Affairs
AREVA NP

Enclosures

cc: Project 693
Project 728

D045
Y601

AREVA NP INC.
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Attachment A

Topical Reports Being Reviewed by the NRC

1. Reports Related to Thermal Hydraulics (LOCA and CHF)

- **EMF-2103, Revision 1, Realistic Large Break LOCA Model**

Report was submitted August 17, 2004. The date for the final SER will depend on the current discussions with the NRC.

- **BAW-10179, Revision 7, Safety Criteria and Methodology for Acceptable Cycle Reload Analysis**

Report was submitted December 22, 2005. The SER is expected by December 29, 2006.

- **ANP-10249, ACE/TRIUM-10 Critical Power Correlation**

Report was submitted May 2, 2006. The SER is expected by May 31, 2007.

2. Reports Related to Systems Analysis

- **ANP-10262, Enhanced Long Term Stability Solution**

Report was submitted January 31, 2006. The SER is expected by January 31, 2007.

- **BAW-10255, Cycle Specific DIVOM Methodology Using the RAMONA5-FA Code**

Report was submitted January 31, 2006. The SER is expected by January 31, 2007.

- **ANP-10256, Methodology for Analysis of Control Rod Withdrawal Error for BWR Plants with ARTS**

Report was submitted February 14, 2006. The SER is expected by February 28, 2007.

- **BAW-10164, Revision 6, RELAP5/MOD2-B&W Modifications**

Report was submitted March 31, 2006. The SER is expected by April 30, 2007.

3. Reports Related to Fuel Design and Analysis

- BAW-10247, Methodology for Thermal-Mechanical Evaluation of BWR Fuel Design (RODEX4)

Report was submitted August 19, 2004. The SER is expected by December 29, 2006.

4. Reports Related to Plant-Specific Applications

- BAW-2441, Revision 2, Risk Informed Justification for Changes in Allowed End States

Report was submitted January 19, 2004. The SER is expected by July 31, 2006.

- BAW-2461, Justification for the Extension of Allowed Outage Time for Containment Isolation Valves

Report was submitted January 14, 2005. The SER is expected by July 31, 2006.

- BAW-1543, Revision 4, Supplement 6, Supplement to the Master Integrated Reactor Vessel Surveillance Program

Report was submitted December 20, 2005. The SER is expected by December 29, 2006.

Topical Reports Planned for Submittal

1. Reports Related to Thermal Hydraulics

- ANP-102XX, Revised SAFLIM Methodology
Scheduled for December 2006.

2. Reports Related to Systems Analysis

- EMF-2361, Revision 1, EXEM BWR-2000 Evaluation Model
Scheduled for September 2006.
- BAW-10192, Revision 2, BWNT LOCA Evaluation Model
Scheduled for December 2006.
- ANP-102XX, S-RELAP5 for BWR Non-LOCA Transients
Scheduled for July 2007.
- ANP-102XX, Ejected Rod Methodology (RIA)
Scheduled for December 2007.

3. Reports Related to Fuel Design and Analysis

- ANP-102XX, Creep Collapse Methodology Update
Scheduled for August 2006.
- BAW-10133, Addendum 3, Revised Seismic Analysis
Scheduled for August 2006.
- ANP-102XX, Improved Structural Faulted Analysis Methods
Scheduled for December 2007.
- ANP-102XX, High Burnup Fuel Performance for PWR Designs
Scheduled for December 2007.
- ANP-102XX, Fuel Performance Code – Mechanical Design
Scheduled for December 2007.

4. Reports Related to Plant-Specific Applications

- Replacement for BAW-2374, Revision 1, Evaluation of OTSG Thermal Loads During Hot Leg LOCA

Scheduled for September 2006.

- Supplement to BAW-2308, Revision 1, Initial RT_{NDT} of Linde 80 Weld Material

Scheduled for October 2006.