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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Status of AREVA NP Inc. Topical Reports

Ref. 1: Letter, Ho K. Nieh (NRC) to Ronnie L. Gardner (AREVA NP Inc.), "Request for Prioritization of Topical Report Reviews and List of Planned Topical Report Submittals for FY2008 and FY2009," March 13, 2008.

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 as requested in Reference 1. The listing of future reports includes the scheduled submittal dates. Each of the topical reports described in the attachment are prioritized from 1 to N.

The number of reactor sites planning to use the approved topical reports may be as many as 35 depending on whether the topical report is applicable to Boiling Water Reactors or Pressurized Water Reactors. All of our customers will transition to the approved methodology upon receipt of the safety evaluations.

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

Sincerely,

A handwritten signature in cursive script that reads "Ronnie L. Gardner".

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

Enclosure

cc: H. D. Cruz
H. K. Nieh
Project 728

AREVA NP INC.
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Topical Reports Being Reviewed by the NRC

1. Reports Related to System Analysis

- ANP-10262, Enhanced Long Term Stability Solution

Report was submitted January 31, 2006. No date for the SER has been established.

Priority: 1

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

Report was submitted January 31, 2006. No date for the SER has been established.

Priority: 2

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

Report was submitted March 27, 2007. No date for the SER has been established.

Priority: 3

Topical Reports Planned for Submittal

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

- EMF-2209, Addendum 1, Rev 0, SPCB Additive Constants for ATRIUM-10 Fuel
Scheduled for April 30, 2008
Priority: 4
- ANP-10255, Rev 3, Cycle-Specific DIVOM Methodology Using the RAMONA5-FA Code
Scheduled for November, 2008
Priority: 7
- ANP-102XX, Revised BWR Safety Limit Methodology
Scheduled for December 2008
Priority: 9
- ANP-102XX, ACE Critical Power Correlation for ATRIUM 10XM
Scheduled for December 2008
Priority: 8
- ANP-102XX, COBRA – FLX Core Transient Thermal Hydraulic Program for PWRs
Scheduled for December 2009
Priority: 11
- EMF-2103, Revision 2 of S-RELAP5 RLBLOCA Methodology
Scheduled for March 2010
Priority: 15

2. Reports Related to Systems Analysis

- ANP-102XX, S-RELAP5 for BWR Non-LOCA Transients
Scheduled for November 2009
Priority: 10
- ANP-102XX, ARCADIA (ARTEMIS/APOLLO2A) Reactor System Analysis for PWRs
Scheduled for December 2009
Priority: 12

3. Reports Related to Fuel Rod Design and Analysis

- BAW-10133, Addendum 3, Revised Seismic Analysis
Scheduled for September 2008
Priority: 5
- ANP-102XX, Improved Structural Faulted Analysis Methods
Scheduled for September 2008
Priority: 6
- BAW-10247, Revision 1 Realistic Thermal-Mechanical Fuel Rod Methodology for BWRs
(Extension to RXA clad)
Scheduled for December 2009
Priority: 13
- ANP-102XX, High Burnup Fuel Performance for PWR Designs > 62K Mwd/Mtu
Scheduled for December 2009
Priority: 14