



**FRAMATOME ANP**

An AREVA and Siemens Company

**FRAMATOME ANP, Inc.**

May 28, 2004  
NRC:04:029

Ms. Michelle C. Honcharik  
Office of Nuclear Reactor Regulation  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

**Status of Framatome ANP Topical Reports**

Ref.: 1. Letter, James F. Mallay (Framatome ANP), to Michelle C. Honcharik (NRC), "Status of Framatome ANP Topical Reports," NRC:04:017, April 9, 2004.

Dear Ms. Honcharik:

This is an update to my letter of April 9 (Reference 1) on the status of topical reports, including those that are being developed for future submittal. Also attached is a listing of topical reports being reviewed by the NRC. Your particular attention is drawn to the listing of reports being reviewed, which includes a statement of expectation for completion of the review. Framatome ANP will work with you in an effort to achieve those dates, many of which were provided to us by the responsible reviewers. The listing of future reports includes the scheduled issue dates. We may submit a few additional topical reports in 2005 but the planning on these subjects is not yet firm.

Many of the topical reports already submitted and planned for submittal during the next year reflect Framatome ANP's intent to either integrate the methods developed previously by the several business groups that now make up our company or to bring consistency among these methods. We look forward to discussing the status of these reports with you weekly.

Very truly yours,

James F. Mallay, Director  
Regulatory Affairs

cc: D. G. Holland  
Project 693  
Project 728

TOIO  
4601

## **Attachment A**

### **Topical Reports Being Reviewed by the NRC**

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

- **BAW-10179, Revision 5, "Mark-B Methodology Update" (MB9684)**

Report was submitted on December 18, 2002. The SER is expected directly after the acceptance of BAW-10241.

- **BAW-10241, "BHTP DNB Correlation Applied with LYNXT" (MB7033)**

Report was submitted on December 19, 2002. The SER is expected by June 30, 2004.

- **BAW-10244, "Mark-BW CHF Correlations Applied with XCOBRA-IIIC" (MC0671)**

Report was submitted on September 3, 2003. The SER is expected by mid-2004.

#### **2. Reports Related to Fuel Rod Design and Analysis**

- **BAW-10238, Revision 1, "MOX Fuel Design Report" (MB 7550)**

Report was submitted on April 30, 2002. The SER is expected by June 30, 2004.

- **BAW-10239, "Fuel Mechanical Design for Advanced Mark-BW" (MB 7551)**

Report was submitted on April 30, 2002. The SER is expected by June 30, 2004.

- **EMF-92-153, "Revised HTP DNB Correlation"**

Report was submitted May 19, 2004. The SER is expected by November 2004.

#### **3. Reports Related to Plant-Specific Applications**

- **BAW-2308, Revision 1, "Initial RT-NDT of Linde 80 Weld Material" (MB6336)**

Report was submitted to the NRC on July 26, 2002. Due to information presented at a code meeting in December 2003, the NRC issued a second RAI. Response to the RAI will be submitted to the NRC by June 15, 2004. The SER is expected by September 30, 2004.

- **BAW-1543, Revision 4, Supplement 5, "Supplement to the Master Integrated Reactor Vessel Surveillance Program" (MC1762)**

Report was submitted to the NRC on December 19, 2003. The NRC accepted this topical for review on February 17, 2004. The SER is expected by December 31, 2004.

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

Report was submitted to the NRC on January 19, 2004. The SER is expected by September 30, 2004.

## **Topical Reports Planned for Submittal**

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

- ANF-1358, Revision 2, "Loss of Feedwater Heating Transient in Boiling Water Reactors"  
Scheduled for June 2004.
- EMF-2103, Revision 1, "Realistic Large Break LOCA Model"  
Scheduled for June 2004.
- BAW-10252, "Containment Analysis Using GOTHIC"  
Scheduled for June 2004.
- BAW-10179, Revision 6, "Mark-B Methodology Update"  
Scheduled for July 2004.
- BAW-10248, "Modified LOCA Methodology for MOX"  
Scheduled for September 2004.

### **2. Reports Related to Fuel Rod Design and Analysis**

- BAW-10199, Addendum 3, "BWU CHF Correlation"  
Scheduled for June 2004.
- BAW-10247, "Methodology for Thermal-Mechanical Evaluation of BWR Fuel Design (RODEX4)"  
Scheduled for July 2004.
- BAW-10243, "Statistical Fuel Assembly Holddown Methodology"  
Scheduled for July 2004.
- BAW-10133, "Revised Seismic Analysis"  
Scheduled for July 2004.

- BAW-2241, Revision 2, "Fluence and Uncertainty Methodologies" (for BWRs)

Report was submitted on June 2, 2003. NRC issued a letter on August 13, 2003 asking for additional benchmarks and suspending the review. A revised report is expected to be issued in late 2004.

- BAW-10147, "Rod Bowing in B&W Fuel Designs"

Scheduled for March 2005.

- BAW-10249, "CHF Correlation for Advanced BWR Spacer"

Scheduled for March 2005.

- EMF-2361, Revision 1, "EXEM BWR-2000 ECCS Evaluation Model"

Scheduled for June 2005.

- BAW-102YY, "S-RELAP5 for BWR Non-LOCA Transients"

Scheduled for December 2005.

### 3. Reports Related to Plant-Specific Applications

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

Scheduled for July 2004.