



July 28, 2005  
NRC:05:048

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001  
Attn.: Ms. Michelle C. Honcharik

**Status of Framatome ANP Topical Reports**

This letter provides the status of Framatome ANP'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. Framatome 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,

*Ronnie L. Gardner*  
Ronnie L. Gardner, Manager  
Site Operations and Regulatory Affairs

**Enclosures**

cc: D.G. Holland  
J.F. Williams  
Project 693  
Project 728  
Project 733

*T010  
D045  
D077*

*SISP Review Completed  
Public Available*

*Add: Michelle Honcharik*

## **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 SER is expected by August 31, 2005.
- **BAW-10199, Addendum 3, BWU CHF Correlation**  
Report was submitted August 17, 2004. The SER is expected by October 31, 2005.
- **ANF-1358, Revision 3, Loss of Feedwater Heating Transient in BWRs**  
Report was submitted August 19, 2004. The SER is expected by August 31, 2005.
- **BAW-10179, Revision 6, Safety Criteria and Methodology for Acceptable Cycle Reload Analysis**  
Report was submitted March 15, 2005. The SER is expected by August 1, 2005.

### **2. Reports Related to Systems Analysis**

- **BAW-10252, Analysis of Containment Response to Postulated Pipe Ruptures Using GOTHIC**  
Report was submitted July 13, 2004. The SER is expected by August 31, 2005.
- **BAW-2241, Revision 2, Appendix G, Revision 1, BWR Fluence and Uncertainty Methodologies**  
Report was submitted March 31, 2005. The SER is expected by December 31, 2005.

### **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 February 28, 2006.
- **BAW-10243, Statistical Fuel Assembly Hold Down Methodology**  
Report was submitted September 21, 2004. The SER is expected by September 30, 2005.
- **EMF-93-177, Revision 1, Mechanical Design for BWR Fuel Channels**

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

4. Reports Related to Plant-Specific Applications

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

Report was submitted July 26, 2002. The SER is expected by July 31, 2005.

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

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

## **Topical Reports Planned for Submittal**

### **1. Reports Related to Thermal Hydraulics**

- **BAW-10179, Revision 7, Mark-B Methodology Update**  
Scheduled for August 2005.
- **BAW-10249, Advanced BWR CHF Correlation**  
Scheduled for November 2005.
- **BAW-102XX, Revised SAFLIM Methodology**  
Scheduled for June 2006.

### **2. Reports Related to Systems Analysis**

- **BAW-10256, Generic Control Rod Withdrawal Error Analysis for BWR Plants with ARTS (Average Power Range Monitor/Rod Block Monitor/Technical Specifications)**  
Scheduled for September 2005.
- **BAW-10255, Cycle Specific DIVOM Methodology Using the RAMONA5-FA code**  
Scheduled for September 2005.
- **BAW-102XX, Enhanced Long Term Stability Solution**  
Scheduled for January 2006.
- **BAW-10164, Revision 5, RELAP5/MOD2-B&W Modifications**  
Scheduled for March 2006.
- **BAW-102XX, Ejected Rod Methodology (RIA)**  
Scheduled for July 2006.
- **EMF-2361, Revision 1, EXEM BWR-2000 Evaluation Model**  
Scheduled for September 2006.
- **BAW-102XX, S-RELAP5 for BWR Non-LOCA Transients**  
Scheduled for December 2006.

- BAW-10192, Revision 2, BWNT LOCA Evaluation Model  
Scheduled for December 2006.

3. Reports Related to Fuel Design and Analysis

- BAW-10133, Addendum 3, Revised Seismic Analysis  
Scheduled for December 2005.
- BAW-102XX, Creep Collapse Methodology Update  
Scheduled for December 2005.
- BAW-102XX, Improved Structural Faulted Analysis Methods  
Scheduled for December 2006.
- BAW-102XX, High Burnup Fuel Performance for PWR Designs  
Scheduled for June 2007.
- BAW-102XX, Fuel Performance Code – Mechanical Design  
Scheduled for December 2007.

4. Reports Related to Plant-Specific Applications

- BAW-1543, Revision 4, Supplement 6 to the Master Integrated Reactor Vessel Surveillance Program  
Scheduled for October 2005.
- Replacement for BAW-2374, Revision 1, Evaluation of OTSG Thermal Loads During Hot Leg LOCA  
Scheduled for December 2005.
- BAW-2308, Revision 2, Initial  $RT_{NDT}$  of Linde 80 Weld Material  
Scheduled for April 2006.

5. Reports Related to EPR Design Certification

- BAW-102XX, CHF Correlation  
Scheduled for First Quarter (Calendar Year) 2006.

- **BAW-102XX, EPR Transient and Accident Analysis Code Applicability Report**  
Scheduled for Third Quarter (Calendar Year) 2006.
- **BAW-102XX, Severe Accident Evaluation**  
Scheduled for Fourth Quarter (Calendar Year) 2006.