

Proj. 702



August 20, 2001  
NRC:01:035

Document Control Desk  
ATTN: Chief, Planning, Program and Management Support Branch  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

**Request for Review of EMF-2103(P) Revision 0, Realistic Large Break LOCA Methodology for Pressurized Water Reactors**

Framatome ANP requests the NRC's review and approval for referencing in licensing actions the topical report EMF-2103(P) Revision 0, Realistic Large Break LOCA Methodology for Pressurized Water Reactors. One CD containing a proprietary version of the report and one CD containing the non-proprietary version of the report are enclosed. We request that the NRC approve this report by September 1, 2002. Framatome ANP plans to apply this methodology to the analysis of the H. B. Robinson plant.

Several documents referenced in the topical report are being provided in a separate transmittal. These documents are intended to facilitate the NRC's review and approval. The computer codes used to execute the methodology and input for a sample problem are also being provided separately.

Framatome ANP intends to make minor modifications to the methodology described in the topical report after its approval. These modifications will facilitate the integration of the fuel designs developed by Siemens Power Corporation and Framatome Cogema Fuels. These changes will extend the range of applicability of the methodology to other plants types (B&W), another fuel cladding type (M5), and an additional fuel rod code (COPERNIC). Since these modifications will be submitted for review and approval soon after the base methodology has been accepted, these planned modifications should be taken into account during the review.

Framatome ANP considers some of the information contained in the enclosed report to be proprietary. As required by 10 CFR 2.790(b), an affidavit is enclosed to support the withholding of the information from public disclosure.

Very truly yours,

James F. Mallay, Director  
Regulatory Affairs

- cc: R. Caruso
- R. Landry (w/enclosures)
- N. Kalyanam (w/enclosures)
- J. S. Wermiel           Project 702

**Framatome ANP Richland, Inc.**

2101 Horn Rapids Road	Tel:	(509) 375-8100
Richland, WA 99352	Fax:	(509) 375-8402

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6. The following criteria are customarily applied by FRA-ANP to determine whether information should be classified as proprietary:

- (a) The information reveals details of FRA-ANP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or service.
- (c) The information includes test data or analytical techniques concerning a process, methodology, or component, the application of which results in a competitive advantage for FRA-ANP.
- (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for FRA-ANP in product optimization or marketability.
- (e) The information is vital to a competitive advantage held by FRA-ANP, would be helpful to competitors to FRA-ANP, and would likely cause substantial harm to the competitive position of FRA-ANP.

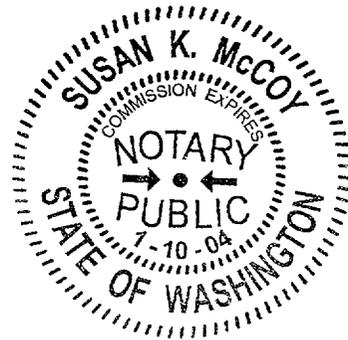
7. In accordance with FRA-ANP's policies governing the protection and control of information, proprietary information contained in this Document has been made available, on a limited basis, to others outside FRA-ANP only as required and under suitable agreement providing for nondisclosure and limited use of the information.

8. FRA-ANP policy requires that proprietary information be kept in a secured file or area and distributed on a need-to-know basis.

9. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

James P. Melly

SUBSCRIBED before me this 23<sup>rd</sup>  
day of August, 2001.



Susan K. McCoy

Susan K. McCoy  
NOTARY PUBLIC, STATE OF WASHINGTON  
MY COMMISSION EXPIRES: 1/10/04