



April 30, 2002
NRC:02:022

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 BAW-10239(P), Revision 0, Advanced Mark-BW Fuel Assembly Mechanical Design Topical Report

Ref.: 1. Letter, James F. Mallay (Framatome ANP), to Document Control Desk (NRC), "Request for Review of BAW-10186P Revision 1, Supplement 1, Mark-BW Extended Burnup," NRC:01:048, November 19, 2001.

Framatome ANP requests the NRC's review and approval for referencing in licensing actions the topical report BAW-10239(P), Revision 0, Advanced Mark Fuel Assembly Mechanical Design Topical Report. One CD containing a proprietary version of the report and one CD containing a non-proprietary version of the report are enclosed. We request that the NRC approve this report by December 1, 2002.

The Advanced Mark-BW fuel assembly design is intended for operation in Westinghouse three- and four-loop reactors using a 17x17 fuel rod array. The topical report BAW-10239(P) provides an evaluation of the performance of the Advanced Mark-BW fuel assembly in a sample reactor against the general criteria defined in Section 4.2 of the Standard Review Plan (NUREG -0800). A set of specific criteria consistent with Section 4.2 of the Standard Review Plan has been previously established in topical reports reviewed and approved by the NRC.

The Advanced Mark-BW fuel assembly is a natural evolution of the Mark-BW fuel design that offers additional improvements in performance. The Mark-BW fuel design was previously reviewed and approved by the NRC.

The advanced Mark-BW fuel assembly is designed to achieve a peak fuel rod burnup of 62,000 MWd/MTU, which is consistent with the burnup limits supported in Reference 1.

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,

A handwritten signature in cursive script, appearing to read 'James F. Mallay', with a small flourish at the end.

James F. Mallay, Director
Regulatory Affairs

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Enclosures

cc: R. Caruso
D. G. Holland
Project 693

bc: NRC:02:022

R. E. Collingham

J. J. Cudlin

D. J. Denver

J. D. Gale

V. N. Gallacher

D. E. Garber

G. L. Garner

J. S. Holm

L. L. Losh

J. F. Mallay

C. F. McPhatter

G. A. Meyer

L. D. O'Dell

J. L. Raklios

R. S. Reynolds

J. H. Strumpell

J. R. Tandy

J. T. Willse

File/LB

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.

Jerald S Holm

SUBSCRIBED before me this 30th
day of April, 2001.

Susan K McCoy

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

