



**FRAMATOME ANP**

An AREVA and Siemens Company

**FRAMATOME ANP, Inc.**

December 16, 2003

NRC:03:087

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

**SER Conditions for BAW-10240(P), "Incorporation of M5 Properties in Framatome ANP Approved Methods"**

Four conditions have been proposed for inclusion in the safety evaluation report for BAW-10240(P). These conditions are:

1. The corrosion limit, as predicted by the best-estimate model will remain below 100 microns for all locations of the fuel.
2. All the conditions listed in the safety evaluation reports for all of the Framatome methodologies used for M5 fuel analysis will continue to be met, except that the use of M5 cladding in addition to Zircaloy-4 cladding is now approved.
3. All Framatome methodologies will be used only within the range for which M5 data was acceptable and for which the verifications discussed in BAW-10240(P) or BAW-10227PA were performed.
4. The burnup limit for this approval is 62 GWD/MTU.

Framatome ANP discussed these conditions with the NRC and agrees that they are acceptable.

Very truly yours,

James F. Mallay, Director  
Regulatory Affairs

cc: T. Ford  
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Project 728

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