



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 30, 2021

Mr. Gary Peters, Director  
Licensing and Regulatory Affairs  
Framatome, Inc.  
3315 Old Forest Road  
Lynchburg, VA 24501

SUBJECT: FINAL SAFETY EVALUATION FOR FRAMATOME TOPICAL REPORT  
ANP-10344P, REVISION 0, "FRAMATOME BEST-ESTIMATE ENHANCED  
OPTION III METHODOLOGY" (EPID L-2019-TOP-0046)

Dear Mr. Peters:

By letter dated October 31, 2019, Framatome, Inc. (Framatome) submitted for U.S. Nuclear Regulatory Commission (NRC) staff review and approval of Topical Report (TR) ANP-10344P, Revision 0, "Framatome Best-Estimate Enhanced Option III Methodology" (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML19308A119) for review and approval. By letter dated December 9, 2019 (ADAMS Accession No. ML19347C243), the NRC staff accepted the TR for review.

By letter dated February 16, 2021 (ADAMS Package Accession No. ML21025A422), an NRC draft safety evaluation (SE) regarding our approval of ANP-10344P, Revision 0, was provided for your review and comment. By letter dated March 15, 2021 (ADAMS Package Accession No. ML21084A063), you provided comments on the draft SE. The NRC staff's disposition of the Framatome comments on the draft SE are discussed in the attachment of the final SE enclosed with this letter.

The NRC staff has found that TR ANP-10344P, Revision 0, is acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the TR and in the enclosed final SE. The final SE defines the basis for our acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in licensing applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant specific review in accordance with applicable review standards.

**NOTICE: The enclosure to this letter contains Proprietary Information. When this letter is separated from the enclosure, this letter is decontrolled.**

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In accordance with the guidance provided on the NRC website, we request that Framatome publish approved proprietary and non-proprietary versions of TR ANP-10344P, Revision 0, within three months of receipt of this letter. The approved versions shall incorporate this letter and the enclosed final SE after the title page. For non-proprietary versions, Framatome shall strike the proprietary information markings in this letter and make the appropriate redactions and adjustments to document security classifications to the attached SE. Also, they must contain historical review information, including NRC request for additional information (RAI) questions and your responses. The approved versions shall include a "-A" (designating approved) following the TR identification symbol.

As an alternative to including the RAI questions and RAI responses behind the title page, if changes to the TR were provided to the NRC staff to support the resolution of RAI responses, and the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAI questions:

1. The RAI questions and RAI responses can be included as an Appendix to the accepted version.
2. The RAI questions and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAI questions and RAI responses which resulted in any changes as shown in the accepted version of the TR.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, Framatome will be expected to revise the TR appropriately or justify its continued applicability for subsequent referencing. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

Sincerely,

/RA/

Dennis C. Morey, Chief  
Licensing Projects Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 99902041  
Project No. 728

Enclosure: Final SE (Proprietary)

cc w/encl.: See next page

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DATED: MARCH 30, 2021

**DISTRIBUTION:**

PUBLIC (Letter)  
NON-PUBLIC (Final SE)  
RidsResOd Resource  
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**ADAMS Accession Nos.:**

**ML21081A007 (Package)**

**ML21081A004 (Letter)**

**ML21081A005 (Final SE)**

**\*concurrence via e-mail**

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