



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

February 9, 2023

Ms. Gayle Elliott, Director
Licensing and Regulatory Affairs
Framatome, Inc.
3315 Old Forest Road
Lynchburg, VA 24501

SUBJECT: FINAL SAFETY EVALUATION FOR FRAMATOME TOPICAL REPORT
EMF-2310, REVISION 1 SUPPLEMENT 2P, REVISION 0, "SRP CHAPTER 15
NON-LOCA METHODOLOGY FOR PRESSURIZED WATER REACTORS"
(EPID L-2022-TOP-0008)

Dear Ms. Elliott:

By letter dated February 24, 2022 (Agencywide Documents Access and Management System Package Accession No. ML22060A164), as supplemented by letter dated August 31, 2022 (ADAMS Accession No. ML22245A097), Framatome, Inc. (Framatome) submitted Topical Report (TR) EMF-2310, Revision 1, Supplement 2P, Revision 0, "SRP Chapter 15 Non-LOCA Methodology for Pressurized Water Reactors," for U.S. Nuclear Regulatory Commission (NRC) staff review. By e-mail letter dated April 11, 2022 (ADAMS Accession No. ML22098A184), the NRC staff accepted the TR for review.

By e-mail dated November 30, 2022 (ADAMS Accession No. ML22298A073), an NRC draft safety evaluation (SE) regarding approval of EMF-2310, Revision 1, Supplement 2P, Revision 0, was provided to Framatome for proprietary review. By letter dated January 5, 2023 (ADAMS Accession No. ML23010A042), Framatome provided proprietary markings and 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 which is enclosed with this letter.

The NRC staff has found that TR EMF-2310, Revision 1, Supplement 2P, 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 the NRC staff's acceptance of the TR.

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

G. Elliott

- 2 -

The NRC staff's acceptance applies only to material provided in the subject TR. The NRC staff does not intend to repeat its review of the acceptable material described in the TR. When the TR appears as a reference in licensing applications, the NRC staff's 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 NRC review standards.

In accordance with the guidance provided on the NRC website, we request that Framatome publish approved proprietary and non-proprietary versions of TR EMF-2310, Revision 1, Supplement 2P, 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 enclosed SE. Also, they must contain historical review information, including the NRC staff requests for additional information (RAI) and Framatome's 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.

G. Elliott

- 3 -

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/

Cindy E. Rosales-Cooper, Acting Chief
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 99902041
Project No. 728

Enclosure:
Final SE (Proprietary)

G. Elliott

- 4 -

SUBJECT: FINAL SAFETY EVALUATION FOR FRAMATOME TOPICAL REPORT
EMF-2310, REVISION 1 SUPPLEMENT 2P, REVISION 0, "SRP CHAPTER 15
NON-LOCA METHODOLOGY FOR PRESSURIZED WATER REACTORS"
(EPID L-2022-TOP-0008) DATED: FEBRUARY 9, 2023

DISTRIBUTION:

PUBLIC (Letter)
NON-PUBLIC (Final SE)
RidsNrrOd Resource
RidsNrrDss Resource
RidsNrrLADHarrison Resource
RidsNrrDorl Resource
RidsNrrDorlLLpb Resource
RidsOgcMailCenter Resource
RidsACRS_MailCTR Resource
SKrepel, NRR
JKaizer, NRR
NOtto, NRR
CRosales-Cooper, NSIR

ADAMS Accession Nos.:

ML23023A189 (Package)

ML23023A116 (Letter)

ML23023A139 (Final SE)

***concurrence via email**

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NRR/DSS/SNPB/BC*	OGC – NLO
NAME	NOtto	DHarrison	SKrepel	STurk
DATE	1/18/2023	1/30/2023	1/31/2023	2/8/2023
OFFICE	NRR/DORL/LLPB/BC (A)*			
NAME	CRosales-Cooper			
DATE	2/9/2023			

OFFICIAL RECORD COPY