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April 5, 2018

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

SUBJECT: DRAFT SAFETY EVALUATION FOR FRAMATOME INC. TOPICAL REPORT ANP-10297P-A, REVISION 0, SUPPLEMENT 1, “THE ARCADIA® REACTOR ANALYSIS SYSTEM FOR PWRs METHODOLOGY DESCRIPTION AND BENCHMARKING RESULTS” (CAC NO. MF6469/EPID: L-2015-TOP-0005)

Dear Mr. Peters:

By letter dated June 26, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15187A263), Framatome, Inc. (Framatome) (formerly AREVA, Inc.) submitted Topical Report (TR) ANP-10297P-A, Revision 0, Supplement 1, “The ARCADIA® Reactor Analysis System for PWRs [Pressurized Water Reactors] Methodology Description and Benchmarking Results,” to the U.S. Nuclear Regulatory Commission (NRC) staff for review and approval. Enclosed for AREVA review and comment is a copy of the NRC staff’s draft safety evaluation (SE) for the TR.

Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we have determined that the enclosed draft SE may contain proprietary information. If you believe that any information in the enclosure is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390. Twenty working days are provided for you to comment on the proprietary aspects and provide any factual errors or clarity concerns contained in the draft SE. The final SE will be issued after making any necessary changes and will be made publicly available. The NRC staff’s disposition of your comments on the draft SE will be discussed in the final SE.

Notice: The enclosure transmitted herewith contains Proprietary Information. When separated from the enclosure, this transmittal document is decontrolled.

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To facilitate the NRC staff's review of your comments, please provide a marked-up copy of the draft SE showing proposed changes and provide a summary table of the proposed changes.

If you have any questions, please contact Jonathan G. Rowley at 301-415-4053.

Sincerely,

*/RA/*

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

Project No. 728

Docket No. 99902041

Enclosure:  
As stated

SUBJECT: DRAFT SAFETY EVALUATION FOR FRAMATOME INC. TOPICAL REPORT ANP-10297P-A, REVISION 0, SUPPLEMENT 1, "THE ARCADIA REACTOR ANALYSIS SYSTEM FOR PWRs METHODOLOGY DESCRIPTION AND BENCHMARKING RESULTS" (CAC NO. MF6469/EPID: L-2015-TOP-0005) DATED: APRIL 5, 2018

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**ADAMS Accession Nos.: ML18053A909; Package: ML18053A903;**

**Draft SE: ML18053A906; \*concurrence via e-mail**

**NRR-106**

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