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U.S. Nuclear Regulatory Commission
Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

Publication of ANP-10337P-A, Revision 0, "PWR Fuel Assembly Structural Response to Externally Applied Dynamic Excitations"

Ref. 1: Letter, Dennis C. Morey (NRC) to Gary Peters (Framatome Inc.), "Final Safety Evaluation for Framatome Inc. Topical Report ANP-10337P, Revision 0, 'PWR Fuel Assembly Structural Response to Externally Applied Dynamic Excitations' (CAC No. MF6753/EPID: L-2015-TOP-0008)," April 30, 2018.

In Reference 1 the NRC accepted the topical report ANP-10337P, Revision 0, "PWR Fuel Assembly Structural Response to Externally Applied Dynamic Excitations" for referencing in license applications, and requested that Framatome Inc. (Framatome, formerly AREVA Inc.) publish the report as an "A" version within three months. One proprietary version and one non-proprietary version are provided with this letter.

In response to statements from the NRC, in sections 3.4 and 3.5 of the final safety evaluation, two sentences have been deleted from the topical report. On page 7-2 the sentence "Furthermore, in cases where the core plate motions are shown to be negligible, the modeling of the core plates can be simplified to a rigid, stationary plate." has been deleted, and on page 6-5 the sentence "Forced vibration tests can be used in lieu of free vibration tests for fuel assembly dynamic characterization for overlapping ranges of amplitudes." has been deleted.

The published report is constructed in accordance with guidance provided on the NRC website.

Framatome considers some of the material contained in the enclosed documents to be proprietary. As required by 10 CFR 2.380(b), an affidavit is enclosed to support the withholding of information from public disclosure.

There are no commitments contained within this letter or its enclosures.

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NRR

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Lynchburg, VA 24501
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If you have any questions related to this information, please contact Ms. Gayle Elliott, Deputy Director, Licensing & Regulatory Affairs, by telephone at (434) 832-3347, or by e-mail at Gayle.Elliott@framatome.com.

Sincerely,



Gary Peters, Director
Licensing & Regulatory Affairs
Framatome Inc.

cc: J. G. Rowley
Project 728

Enclosures:

1. Proprietary copy of ANP-10337P-A, Revision 0, "PWR Fuel Assembly Structural Response to Externally Applied Dynamic Excitations"
2. Non-proprietary copy of ANP-10337NP-A, Revision 0, "PWR Fuel Assembly Structural Response to Externally Applied Dynamic Excitations"
3. Notarized Affidavit for Withholding of Proprietary Information.

requested qualifies under 10 CFR 2.390(a)(4) "Trade secrets and commercial or financial information."

6. The following criteria are customarily applied by Framatome to determine whether information should be classified as proprietary:

- (a) The information reveals details of Framatome'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 Framatome.
- (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for Framatome in product optimization or marketability.
- (e) The information is vital to a competitive advantage held by Framatome, would be helpful to competitors to Framatome, and would likely cause substantial harm to the competitive position of Framatome.

The information in this Document is considered proprietary for the reasons set forth in paragraphs 6(b), 6(c) and 6(d) above.

7. In accordance with Framatome'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 Framatome only as required and under suitable agreement providing for nondisclosure and limited use of the information.

8. Framatome 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.

Nathan E. Hall

SUBSCRIBED before me this 18th

day of May, 2018.

Sherry L. McFaden

Sherry L. McFaden
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES: 10/31/18
Reg. # 7079129

