



June 28, 2021

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

**Request for Review and Approval of ANP-10340P-A, Revision 0, Supplement 1,
Revision 0, "Incorporation of Chromia-Doped Fuel Properties in Framatome PWR
Methods"**

Framatome Inc. (Framatome) requests the NRC's review and approval of the topical report ANP-10340P-A, Revision 0, Supplement 1, Revision 0, "Incorporation of Chromia-Doped Fuel Properties in Framatome PWR Methods" for referencing in licensing actions. The enclosed topical report provides a justification for implementation of chromia-doped fuel modeling in Framatome PWR methodologies.

NRC's approval of this supplement supports Framatome's Enhanced Accident Tolerant Fuel (EATF) Program's near term solution for PWRs. NRC's approval of chromia-doped pellets for PWRs is a prerequisite for submittal of a topical report for the combined product of chromium-coated M5_{Framatome} cladding with chromia-doped pellets, planned in 2023. Therefore, Framatome requests NRC approval of this topical report by December 2022.

Framatome considers some of the material contained in Enclosure 1 to be proprietary. As required by 10 CFR 2.390(b), an affidavit is enclosed to support withholding of information from public disclosure.

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

If you have any questions related to this submittal please contact Mr. Morris Byram, Licensing Manager. He may be reached by telephone at 434-221-1082 or by e-mail at Morris.Byram@framatome.com.

Sincerely,

Gary Peters, Director
Licensing & Regulatory Affairs
Framatome Inc.

YGD1
TO07
NRR

cc: N. Otto
Project 728

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Enclosures:

- 1 ANP-10340P-A, Revision 0, Supplement 1, Revision 0 (PROPRIETARY)
- 2 ANP-10340NP-A, Revision 0, Supplement 1, Revision 0 (NON-PROPRIETARY)
- 3 Affidavit

AFFIDAVIT

1. My name is Morris Byram. I am Product Manager, Licensing & Regulatory Affairs for Framatome Inc. (Framatome) and as such I am authorized to execute this Affidavit.

2. I am familiar with the criteria applied by Framatome to determine whether certain Framatome information is proprietary. I am familiar with the policies established by Framatome to ensure the proper application of these criteria.

3. I am familiar with the Framatome information contained in the topical report entitled "Incorporation of Chromia-Doped Fuel Properties in Framatome PWR Methods" and referred to herein as "Document." Information contained in this Document has been classified by Framatome as proprietary in accordance with the policies established by Framatome for the control and protection of proprietary and confidential information.

4. This Document contains information of a proprietary and confidential nature and is of the type customarily held in confidence by Framatome and not made available to the public. Based on my experience, I am aware that other companies regard information of the kind contained in this Document as proprietary and confidential.

5. This Document has been made available to the U.S. Nuclear Regulatory Commission in confidence with the request that the information contained in this Document be withheld from public disclosure. The request for withholding of proprietary information is made in accordance with 10 CFR 2.390. The information for which withholding from disclosure is 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 paragraph 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.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on: (6/25/2021)

BYRAM Morris
(NAME)

Digitally signed by BYRAM Morris
Date: 2021.06.25 14:39:40 -07'00'