



PRD 0728
99902041

May 24, 2022
NRC:22:008

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

Request for NRC Concurrence Regarding Minor Difference in GAIA Fuel Geometry Range for CHF Testing Specified in ANP-10341P-A, Revision 0, "The ORFEO-GAIA and ORFEO-NMGRID Critical Heat Flux Correlations," and the GAIA Fuel Design

Ref. 1: ANP-10341P-A, Revision 0, "The ORFEO-GAIA and ORFEO-NMGRID Critical Heat Flux Correlations," Framatome Inc., September 2018.

Framatome Inc. (Framatome) requests the NRC's concurrence that the minor difference in the nominal tested distance to grid and between grids as specified in Table 2-3 of Reference 1 and the GAIA fuel design is essentially the same and acceptable. The difference description and the justification for its acceptability is given in Enclosure 1 to this letter. Framatome does not intend to submit a revision to the Reference 1 topical report, as this minor difference does not rise to the level of significance that is required for a revision.

Framatome would appreciate NRC concurrence in a letter response by September 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 (Product Manager, Licensing & Regulatory Affairs). 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.

cc: N. Otto
Project 728

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YGD1
NRR

Enclosures:

- 1 Description and Justification of Minor Fuel Geometry Range Difference (PROPRIETARY)
- 2 Description and Justification of Minor Fuel Geometry Range Difference (NON-PROPRIETARY)
- 3 Affidavit

ENCLOSURE 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 enclosure to the Framatome letter entitled "Request for NRC Concurrence Regarding Minor Difference in GAIA Fuel Geometry Range for CHF Testing Specified in ANP-10341P-A, Revision 0, 'The ORFEO-GAIA and ORFEO-NMGRID Critical Heat Flux Correlations,' and the GAIA Fuel Design" 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 paragraphs 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: (5/20/2022)

BYRAM Morris
Digitally signed by BYRAM Morris
Date: 2022.05.20 13:18:54
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(NAME)