



January 28, 2022
TJT:22:003

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Director, Division of Spent Fuel Management
Office of Nuclear Material Safety and Safeguards
11555 Rockville Pike
One White Flint North
Rockville, MD 20852

Subject: Docket No. 71-9372, Model No. TN-B1 Transport Package, License Amendment

References: (1) U.S. Nuclear Regulatory Commission, Certificate of Compliance No. 9372, Revision No. 2, for the Model No. TN-B1 Package.

Framatome Inc. (Framatome), is submitting a license amendment request to amend Certificate of Compliance No. 9372 for the TN-B1 packaging. Framatome is providing the attached document, FS1-0014159, Revision 10.0, as the basis for the amendment application.

Included in this letter are eight attachments that support the requested authorization.

- Attachment 1, FS1-0014159, Revision 10.0, *Framatome TN-B1 Docket No. 71-9372 Safety Analysis Report.*
- Attachment 2, FS1-0014159, Revision 10.0, *Framatome TN-B1 Docket No. 71-9372 Safety Analysis Report (Non-Proprietary)*
- Attachment 3, List of Drawing Changes.
- Attachment 4, FS1-0027837, Revision 6.0, *Criticality Analysis for the TN-B1 Shipping Container with the ATRIUM-11 Fuel Design.*
- Attachment 5, E04-10-004, Version 1.0, *TN-B1 Sensitivity Studies.*
- Attachment 6, Proposed Changes to CoC.
- Attachment 7, Proprietary affidavit.

Framatome Inc.
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Tel: (509) 375-8100

www.framatome.com

Framatome requests approval by October 7th, 2022 to support a channeled ATRIUM 11 (11x11 fuel assembly) reload campaign.

Please feel free to contact me at (509) 375-8550 or Bryan Flanagan of my staff at (509) 375-8537 if you have any questions or need additional information.

Very Truly Yours,

A handwritten signature in black ink that reads "T. Tate". The signature is written in a cursive, flowing style.

Timothy J. Tate, Manager
Environmental, Health, Safety and Licensing

Attachments:

1. (Proprietary), FS1-0014159, Revision 10.0, *Framatome TN-B1 Docket No. 71-9372 Safety Analysis Report*.
2. (Non-Proprietary), FS1-0014159, Revision 10.0, *Framatome TN-B1 Docket No. 71-9372 Safety Analysis Report (Non-Proprietary)*.
3. (Proprietary), List of Drawing Changes.
4. (Proprietary), FS1-0027837, Revision 6.0, *Criticality Analysis for the TN-B1 Shipping Container with the ATRIUM-11 Fuel Design*.
5. (Proprietary), E04-10-004, Version 1.0, *TN-B1 Sensitivity Studies*.
6. (Non-Proprietary), Proposed Changes to CoC.
7. (Non-Proprietary), Proprietary affidavit

Cc: Pierre Saverot
U.S. Nuclear Regulatory Commission
(w/ attachments)