



February 17, 2017
TJT:17:007

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, AREVA TN-B1 Shipping Container, Application For Approval For Incorporation Of ATRIUM 11 Fuel Assemblies.

References: (1) US NRC ltr dated January 27, 2017 Subject APPLICATION FOR MODEL NO. TN-B1 TRANSPORTATION PACKAGE – SUPPLEMENTAL INFORMATION NEEDED (Docket No. 71-9372, TAC No. L25164)

Your letter, reference (1), responded to our letter of November 18, 2016, requested supplemental information regarding our application for amendment of the Model No. TN-B1 transportation package, Certificate of Compliance No. 9372. This letter provides the information requested.

The attached document FS1-0024572 Revision 2, "TN-B1 Container Thermal Analysis Applicability" provides the information requested for the Thermal RSI and Thermal Observation.

The attached document FS1-0015020 Revision 1, "TN-B1 Shipment of ATRIUM 11 Assemblies" provides the information requested for the Shielding RSI.

We have also amended FS1-0014159 "AREVA TN-B1 Docket No. 71-9372 Safety Analysis Report" to address the observation made in your letter regarding Operating Procedures. During the preparation of this revision it was also noted that during the creation of the previous revision a typographical error had occurred in Tables 6-1, 6-56 and 6-61. In those tables the number of Short Part Length Fuel Rods and Long Part Length Fuel Rods had been interchanged. This revision corrects that error. This was a typographical error only and did not affect any of the analyses or results submitted.

Very truly yours

A handwritten signature in black ink, appearing to read 'Tate', is written over a horizontal line.

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

NM5520

AREVA INC.

2101 Horn Rapids Road, Richland WA 99354
Tel.: 509 375 8100 - www.aveva.com

c:

Huda Akhavannik (w attachments)
Bernard White (w/o attachments)
Nick Baker (w/o attachments)

Attachments:

- A. Affidavit requesting information be withheld from public disclosure in accordance with 10 CFR 2.390
- B. FS1-0014159 Rev 5 "AREVA TN-B1 Docket No. 71-9372 Safety Analysis Report"
- C. FS1-0024572 Rev 2 "TN-B1 Container Thermal Analysis Applicability" (Proprietary)
- D. FS1-0024572 Rev 2 (NP) "TN-B1 Container Thermal Analysis Applicability" (Non -Proprietary)
- E. FS1-0015020 Rev 1 (NP) "TN-B1 Shipment of ATRIUM 11 Assemblies" (Non -Proprietary)