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Your ref: Docket No. 71-9297
Our ref: LCPT-10-33

November 19, 2010

Dear Mrs. Vonna Ordaz:

SUBJECT: Docket 71-9297, Amendment Application - Certificate of Compliance No.
USA/9297/AF-96 for Model No. TRAVELLER

An application is hereby submitted to supplement the Certificate of Compliance (CoC) No. USA/9297/AF-96 for the package Model No. TRAVELLER. This application is submitted as required by 10 CFR 71.31 (b) to demonstrate that the proposed modifications to the packaging and authorized contents satisfy the requirements for fissile material package. In addition to these design changes, there are changes to the Safety Analysis Report (SAR) that provide more detailed information about the packaging and contents.

Summary

A record of the changes is provided in the enclosures as the TRAVELLER SAR (Revision 9), our reference LCPT-10-30 dated October 21, 2010, and engineering drawings for packaging. All sections of the SAR include minor revisions for style and composition. Technical content was added or revised only in Sections 1, 2, 3, 6, 7, and 8. LCPT-10-30 documents an assessment of deviations between the approval certificate and actual design for dimension parameters for 16X16 ATOM fuel assembly. The engineering drawings for packaging were revised to show modifications to the clamshell top end plate and changes to the outer pack such as silicone rubber weather gasket, tie down chain tray gussets, new swing bolts, and clamshell cam lock wave washer. Drawing No. 10004E58, Rev. 4, Safety Related Items-Traveller XL and STD, is provided as an enclosure where Sheets 1 through 8 show the changes for revision 5 annotated by red markings. The revised drawings (10004E58, Rev. 5), including a new sheet 9 for the modified clamshell top end plate, are found in Section 1 of the SAR as Appendix 1.4.2, Engineering Drawings for Packaging. A complete record of revisions and a list of effective pages are provided in the front pages of the SAR.

Certificate of Compliance – Request for Changes

The applicant requests revisions to the CoC based on the record of changes provided with this application and shown by underlined text as follows:

5.(3) Drawings

Change drawing no. from 10004E58, Rev. 4 (Sheets 1-8) to 10004E58, Rev. 5 (Sheets 1-9)

5.(b)(1)(i) Fuel Assembly -Parameters for 16x16 Fuel Assemblies, Fuel Assembly Type ATOM

Change “Nominal Guide Tube Wall Thickness” from 0.057 cm (0.023 in) to 0.070 cm (0.028 in)

Change “Nominal Guide Tube Outer Diameter” from 1.354 cm (0.533 in) to 1.380 cm (0.543 in)

Change “Nominal Pellet Diameter” from 0.914 cm (0.360 in) to 0.911 cm (0.359 in)

5.(b)(1)(ii)

““Non-fissile base –plate mounted core components and spider-body core components, including secondary source rods, are permitted,

5.(b)(1)(iii)

“Primary neutron sources or other radioactive material are not permitted”

5.(b)(1)(iv)

“Materials with moderating effectiveness greater than full density water are not permitted, except for polyethylene sleeve used to protect fuel assemblies.”

5.(b)(1)(vi)

Replacement of fuel rods with any number of solid stainless steel rods is permitted.

5.(b) (2) Loose Fuel Rods

Wrapping or sleeving

Materials with moderating effectiveness greater than full density water are not permitted, except for polyethylene sleeve used to protect fuel rods

9. Revision No. 3 of this certificate may be used until June 30, 2012.

The applicant requests to maintain condition 9 to allow continued use of Revision 3 of the CoC until June 30, 2012. This will allow continued use of the validations by other competent authorities that reference revision 3 of the US DOT Competent Authority Certificate endorsing revision 3 of the NRC CoC.

***Electronically approved records are authenticated in the Electronic Document Management System**

Sincerely,

** Electronically approved*

Peter J. Vescovi

WESTINGHOUSE ELECTRIC COMPANY, LLC

Nuclear Fuel Supply Chain Management
5801 Bluff Road
Columbia, SC 29209, USA

cc: N. Kent, Manager - Licensing, Compliance and Package Technology
B. Bayley, Manager - Transport Logistics

Enclosures (publicly available, submitted electronically)

| Document Title | File Name | File Size |
|--|-------------------------------------|-----------|
| Application for Certificate of Compliance for the Traveller PWR Shipping Package, NRC Certificate of Compliance USA/9297/AF-96, Docket 71-9297 (Revision 9) | 001 Traveller 71-9297 SAR Rev 9.pdf | 14.3 MB |
| LCPT-10-30 dated October 21, 2010, Subject: Review of the Traveller STD and XL approval certificate USA/9297/AF-96 for Westinghouse Sweden PWR 16X16 fuel deliveries to customers in Germany | 001 LCPT-10-30.pdf | 150 KB |
| Engineering Drawings for Packaging-Safety Related Items, Traveller XL & STD (changes for Rev. 5 annotated in red) | 001 10004E58 Rev 4 (Sheets 1-8).pdf | 3.3 MB |

By NRC Electronic Information Submittal
LCPT-10-33.doc