

71-3080



U.S. Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration

1200 New Jersey Ave, S.E.  
Washington, D.C. 20590

MAY 07 2015

Mark Lombard, Director  
Division of Spent Fuel Management  
Office of Nuclear Material Safety and Safeguards (NMSS)  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike  
Mail Stop TWFN 4 B34  
Rockville, MD 20852-2738

Dear Mr. Lombard:

In accordance with the Memorandum of Understanding between our agencies, I request that you review the enclosed request from Areva, Inc. to review the German Certificate of Approval No. D/4365/AF-96, Revision 2 for the ANF-50 package and make a recommendation concerning our revalidation of the package for import and export use. Your office previously reviewed this package (Docket No. 71- 3080, TAC No. L24702) and by letter of December 17, 2013, recommended our revalidation of Revision 1 of the German certificate.

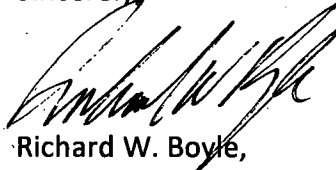
Your previous review recommended three conditions, including a minimum criticality safety index (CSI) for the ANF-50 package of 0.6. In their current application, Areva has requested that the minimum CSI be decreased from 0.6 to 0.4. They have not requested relief from the other two conditions you recommended.

To assist you in your review, I am providing an electronic copy of the documentation received from Areva. Please note that they have provided an affidavit, in accordance with 10 CFR 2.390, specifically requesting that you withhold proprietary information included in portions of their submittal from public disclosure.

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I request you provide an estimate of the time needed to complete your review. If you have any questions or need any additional safety information, please feel free to contact Michael Conroy of my staff at (202) 366-3597 or via email at Michael.Conroy@dot.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard W. Boyle", written over a horizontal line.

Richard W. Boyle,  
Sciences Branch  
Division of Engineering and Research  
Office of Hazardous Materials  
Technology

Enclosures



E-41337  
April 15, 2015

U.S. Department of Transportation  
Attn: Mr. Richard W. Boyle, Chief  
Pipeline & Hazardous Materials Safety Administration  
Radioactive Materials Branch  
1200 New Jersey Avenue, S.E.  
East Building, PHH-20  
Washington, DC 20590

Subject: Revalidation Application for German Certificate of Approval D/4365/AF-96  
(Rev. 2) for the ANF-50

References: Competent Authority Certification for a Type Fissile Radioactive Materials  
Package Design Certificate USA/0745/AF-96, Revision 2, Revalidation of  
German Competent Authority Certificate D/4365/AF-96, dated January 13,  
2014

Safety Report for the Shipping Container ANF-50 as type A-package, Report  
Number ANFG-11.105 (05E), Revision 11

Dear Mr. Boyle:

AREVA Inc. requests a revision to the Competent Authority Certification (CAC), USA/0745/AF-96, revalidation of the German Certificate of Approval of a Package Design D/4356/AF-96, Revision 2 for the Model ANF-50 Transport Package. This request for revision results from a revision to the German safety analysis report (SAR) for the ANF-50 and subsequent revision to the German Certificate of Approval. The details for the revision are covered in Enclosure 3.

In support of this application for revision AREVA Inc. includes the following enclosures:

- Enclosure 1 provides the German Certificate of Approval of a Package Design, Number D/4365/AF-96 (Rev. 2) in English.
- Enclosure 2 provides the German Certificate of Approval of a Package Design, Number D/4365/AF-96 (Rev. 2) in German.
- Enclosure 3 provides a description of the changes to specific registers contained within the Safety Report for the Shipping Container ANF-50 as type A-package, Report Number ANFG-11.105 (05E), Revision 11. These registers have been revised since the previous submittal and subsequent revalidation approval.
- Enclosure 4 provides the revised registers for the proprietary version of the Advanced Nuclear Fuels GmbH SAR.
- Enclosure 5 provides the non-proprietary version of the revised drawing, Number AD-003795-001-009-000, Revision 9, which is included in the items discussed in Enclosure 3.
- Enclosure 6 provides an affidavit, in accordance with 10 CFR 2.390, specifically requesting that you withhold proprietary information included in Enclosure 4 of this submittal from public.

## AREVA TN

disclosure. That information may not be used for any purpose other than to support the review of the application. A public version of the SAR drawing is provided in Enclosure 5.

Due to the size of this submittal package DVDs with this cover letter and Enclosures 1 through 6 are being provided to both you and to Mr. Conroy.

If you have questions or require further information, please call Glenn Mathues at 410-910-6538 or me at 410-910-6820.

Sincerely,



Paul Triska  
Vice President, Technical Services

Enclosures:

1. German Certificate of Approval Number D/4365/AF-96 (Rev. 2) in English
2. German Certificate of Approval Number D/4365/AF-96 (Rev. 2) in German
3. List and Description of Changes (Safety Report Number ANFG-11.105 (05E) ANF-50 Revision 11)
4. Advanced Nuclear Fuels GmbH SAR Replacement Registers Report Number ANFG-11.105 (05E) Revision 11 (Proprietary)
5. Advanced Nuclear Fuels GmbH SAR Register 19, Drawing Number AD-003759-001-009-000, Revision 9 (Non-Proprietary)
6. Affidavit Pursuant to 10 CFR 2.390

cc: Michael Conroy, U.S. Department of Transportation (One DVD containing this cover letter and Enclosures 1 through 6)

**AREVA TN**

