



March 16, 2015
E-41361

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

Subject: Response to Request for Information - AREVA Inc. Renewal Application for the Standardized NUHOMS® System- CoC 1004 (Docket 72-1004, TAC No. L24760)

- References:
1. Letter from Paul Triska (AREVA Inc.) to Document Control Desk (NRC), "Renewal Application for the Standardized NUHOMS® System – CoC 1004," November 4, 2014, TN E-39887 (Docket No. 72-1042, TAC No. L24976)
 2. Email from Jennifer Davis (NRC) to Don Shaw (AREVA Inc.), "Request for Information for CoC 1004 Renewal," February 26, 2015.

In Reference 1, AREVA Inc. (AREVA) submitted an application for renewal of the spent fuel storage cask Certificate of Compliance (CoC) No. 1004 for the Standardized NUHOMS® Horizontal Modular Storage System for Irradiated Nuclear Fuel. A request for information was received in Reference 2 prior to the scheduled Request for Additional Information (RAI) anticipated at the end of March. The requested information include references cited in the Reference 1 renewal application, various computer analysis input and output files, as well as certain calculations.

The purpose of this submittal is to provide the requested information. The information requests and a brief response identifying where the information is provided are given in Enclosure 2. Enclosure 2 is proprietary. A public version of the information requests and responses is provided as Enclosure 3. Enclosure 4 provides one of the requested references. The other requested reference, an EPRI document, will be provided in a separate transmittal once the proper protocol between EPRI and AREVA has been established. Enclosures 5 through 7 provide requested computer input and output files with a summary listing of the files provided in Enclosure 11. Enclosures 8 through 10 provide the requested calculations. Enclosures 4 through 10 are proprietary in their entirety.

This submittal contains proprietary information, which may not be used for any purpose other than NRC staff review of the application. In accordance with 10 CFR 2.390, an affidavit (Enclosure 1) requesting the withholding of proprietary information from public disclosure is enclosed.

AREVA TN

AREVA Inc.
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NUM5526

Should you have any questions regarding this submittal, please contact Mr. Dennis Williford by telephone at (704) 805-2223, or by email at Dennnis.Williford@areva.com.

Sincerely,



Paul Triska
Vice President, Technical Services

cc: B. Jennifer Davis (NRC SFM) as follows, provided in a separate mailing:

- 10 computer disks with the cover letter and Enclosures 1 through 11 (i.e., Document Components 001 through 012)

Enclosures:

1. Affidavit Pursuant to 10 CFR 2.390
2. Information Request and Responses (Proprietary Version)
3. Information Request and Responses (Public Version)
4. Application Reference 3J.5.4 (Proprietary)
5. Computer Files Requested by Item B.a (Proprietary)
6. Computer Files Requested by Item B.b (Proprietary)
7. Computer Files Requested by Item B.d (Proprietary)
8. Calculation Associated with Application Appendix 3F Requested by Item B.c (Proprietary)
9. Calculation Associated with Application Appendix 3K Requested by Item B.c (Proprietary)
10. Calculation Associated with Application Appendix 3L Requested by Item B.c (Proprietary)
11. Listing of Computer Files Provided in Enclosures 5, 6 and 7

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Document Components:

001 Public AREVA Inc. Transmittal Letter.pdf 188,918 bytes
002 Public Encl 1 Affidavit.pdf 213,777 bytes
003 SUNSI Encl 2 Info Request and Responses.pdf 147,490 bytes, Proprietary
004 Public Encl 3 Info Request and Responses.pdf 123,023 bytes
005 SUNSI Encl 4 Application Reference 3J.5.4.pdf 394,787 bytes, Proprietary
006 SUNSI Encl 5 Computer Files - Item B.a (folder), 224,014,852 bytes, Proprietary
007 SUNSI Encl 6 Computer Files - Item B.b (folder), 131,641,209 bytes, Proprietary
008 SUNSI Encl 7 Computer Files - Item B.d (folder), 1,883,346,184 bytes, Proprietary
009 SUNSI Encl 8 Calculation for Appendix 3F.pdf 5,094,032 bytes, Proprietary
010 SUNSI Encl 9 Calculation for Appendix 3K.pdf 2,850,025 bytes, Proprietary
011 SUNSI Encl 10 Calculation for Appendix 3L.pdf 4,965,873 bytes, Proprietary
012 Public Encl 11 List of Computer Files.pdf 88,543 byte

OSM#1 (Entire Submittal) (DVD):

001 Public AREVA Inc. Transmittal Letter.pdf 188,918 bytes
002 Public Encl 1 Affidavit.pdf 213,777 bytes
003 SUNSI Encl 2 Info Request and Responses.pdf 147,490 bytes, Proprietary
004 Public Encl 3 Info Request and Responses.pdf 123,023 bytes
005 SUNSI Encl 4 Application Reference 3J.5.4.pdf 394,787 bytes, Proprietary
006 SUNSI Encl 5 Computer Files - Item B.a (folder), 224,014,852 bytes, Proprietary
007 SUNSI Encl 6 Computer Files - Item B.b (folder), 131,641,209 bytes, Proprietary
008 SUNSI Encl 7 Computer Files - Item B.d (folder), 1,883,346,184 bytes, Proprietary
009 SUNSI Encl 8 Calculation for Appendix 3F.pdf 5,094,032 bytes, Proprietary
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011 SUNSI Encl 10 Calculation for Appendix 3L.pdf 4,965,873 bytes, Proprietary
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OSM#2 (Public Information Only) (DVD):

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