



October 16, 2015  
E-42059

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

Subject: Revision 1 to Renewal Application for the Standardized NUHOMS<sup>®</sup> System - CoC 1004, Response to First Request for Additional Information (Docket No. 72-1004, TAC No. L24964)

- Reference: 1) Letter from B. Jennifer Davis (NRC) to Donis Shaw (AREVA TN), "First Request for Additional Information for Review of Renewal Application for the Standardized NUHOMS<sup>®</sup> System (TAC NO. L24964)," July 29, 2015.
- 2) Letter E-38701 from Paul Triska (AREVA Inc.) to Document Control Desk (NRC), "Application for Amendment 14 to Standardized NUHOMS<sup>®</sup> Certificate of Compliance No. 1004 for Spent Fuel Storage Casks, Revision 0," April 16, 2015.

Reference 1 advised AREVA Inc. that NRC staff determined that further information is needed to complete its technical review of AREVA Inc.'s November 5, 2014 application for renewal of the spent fuel storage cask Certificate of Compliance (CoC) No. 1004 for the Standardized NUHOMS<sup>®</sup> Horizontal Modular Storage System for Irradiated Nuclear Fuel.

This submittal provides responses to the request for additional information (RAI) forwarded by Reference 1. Enclosure 2 herein provides a proprietary version of the response to the RAI items. Enclosure 3 provides a public version of the response to the RAI items. Each RAI response has a section stating the impact of the RAI response on the renewal application indicating which application sections, tables, etc., have been changed. Enclosure 4 provides the proprietary version of a complete revision to the renewal application, denoted as Revision 1. The public version of Revision 1 to the renewal application is provided as Enclosure 5. A small number of editorial corrections were also made to the application file. All renewal application changes are tracked with italicized text and revision bars in the right margin, for NRC staff reviewers' convenience. As committed to in Reference 2, the renewal application is also supplemented to document the evaluation of Amendment 14 structures, systems and components for extended operation by adding Appendix 1K.

This submittal includes proprietary information, which may not be used for any purpose other than to support NRC staff review of the application. In accordance with 10 CFR 2.390, an affidavit (Enclosure 1) is provided specifically requesting that NRC withhold this proprietary information from public disclosure.

## AREVA TN

AREVA Inc.  
7135 Minstrel Way - Suite 300 - Columbia, MD 21045 USA  
Tel.: (410) 910-6900 - Fax: (410) 910-6902  
us.aveva.com/AREVATN

Enclosures transmitted herein contain ~~SUNSI~~. When separated from enclosures, this transmittal document is decontrolled.

Should NRC staff have any questions or require additional information to support review of this application, please contact Mr. Dennis Williford by telephone at 704-805-2223 or by e-mail at [Dennis.Williford@areva.com](mailto:Dennis.Williford@areva.com).

Sincerely,



Paul Triska  
Vice President, Technical Services

cc: B. Jennifer Davis (NRC SFM), 10 computer disks each containing the entire submittal

Enclosures:

1. Affidavit Pursuant to 10 CFR 2.390
2. RAIs and Responses (Proprietary Version)
3. RAIs and Responses (Public Version)
4. Certificate of Compliance Renewal Application for the Standardized NUHOMS<sup>®</sup> System, Certificate of Compliance No. 1004 (Docket No. 72-1004), Revision 1 (Proprietary Version)
5. Certificate of Compliance Renewal Application for the Standardized NUHOMS<sup>®</sup> System, Certificate of Compliance No. 1004 (Docket No. 72-1004), Revision 1 (Public Version)

**Document Components:**

001 Public AREVA Inc. Transmittal Letter.pdf, 516,597 bytes  
002 Public Enc 1 Affidavit.pdf, 155,849 bytes  
003 SUNSI Enc 2 RAIs and Responses.pdf, 5,777,138 bytes, Proprietary  
004 Public Enc 3 RAIs and Responses.pdf, 3,363,741 bytes  
005 SUNSI Enc 4 CoC 1004 Ren App R1-Propri.pdf, 23,447,587 bytes, Proprietary  
006 Public Enc 5 CoC 1004 Ren App R1-Public.pdf, 6,165,807 bytes

**OSM#1 (Entire Submittal) (DVD):**

001 Public AREVA Inc. Transmittal Letter.pdf, 516,597 bytes  
002 Public Enc 1 Affidavit.pdf, 155,849 bytes  
003 SUNSI Enc 2 RAIs and Responses.pdf, 5,777,138 bytes, Proprietary  
004 Public Enc 3 RAIs and Responses.pdf, 3,363,741 bytes  
005 SUNSI Enc 4 CoC 1004 Ren App R1-Propri.pdf, 23,447,587 bytes, Proprietary  
006 Public Enc 5 CoC 1004 Ren App R1-Public.pdf, 6,165,807 bytes

**OSM#2 (Public Information Only) (DVD):**

001 Public AREVA Inc. Transmittal Letter.pdf, 516,597 bytes  
002 Public Enc 1 Affidavit.pdf, 155,849 bytes  
004 Public Enc 3 RAIs and Responses.pdf, 3,363,741 bytes  
006 Public Enc 5 CoC 1004 Ren App R1-Public.pdf, 6,165,807 bytes