



E-45564  
June 22, 2016

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 / Additional Reference - AREVA Inc. Application for Approval of the Spent Fuel Cask Design for the NUHOMS® EOS System (Docket 72-1042, TAC No. L25028)

**Reference:** (1) Response to Request for Information – AREVA Inc. Application for Approval of the Spent Fuel Cask Design for the NUHOMS® EOS System (Docket 72-1042, TAC No. L25028) (submittal E-42711, transmitted to the NRC on July 30, 2015).

(2) E-mail from Yen-Ju Chen (NRC) to Dennis Williford (AREVA), “Request for Reference Information – PROPRIETARY,” June 20, 2016.

Based on a clarification conference call held on June 15, 2016 between NRC staff and AREVA and a subsequent e-mail communication (Reference 2), this submittal includes an EOS System proprietary reference that provides a report containing the test data for the basket material. This test report provides the basis for the values listed in Table 3.9.2-5 of the Safety Analysis Report (SAR) Revision 6.

Although AREVA Document 38-9232973-000 is referenced in SAR Revision 6 Reference 8-24, which was provided as Enclosure 1 to Reference 1, this document is a subset of the full set of test results. The full set of test results, included as Enclosure 2 of this submittal, is titled “Westmoreland Mechanical Testing & Research Report No. 4-57974.” 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, I am providing an affidavit (Enclosure 1) specifically requesting that you withhold this proprietary information from public disclosure. Enclosure 2 is proprietary in its entirety; therefore, no public version of this enclosure is provided.

This submittal is being provided as an electronic submission, using the optical storage media (OSM) provision from Section 4 of the NRC Guidance for Electronic Submissions to the NRC. Accordingly, we have included a Document Components listing and OSM#1 and OSM#2 listings at the end of this cover letter.

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

## **AREVA TN**

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

Enclosure transmitted herein contains SUNSI. When separated from enclosures, this transmittal document is decontrolled.

Sincerely,

A handwritten signature in black ink, appearing to read "Jayant Bondre". The signature is fluid and cursive, with the first name "Jayant" written in a larger, more prominent script than the last name "Bondre".

Jayant Bondre  
Vice President, Chief Technical Officer

cc: Yen-Ju Chen (NRC SFM) as follows, all provided in a separate mailing:

- Three computer disks with the cover letter and Enclosures 1 and 2

Enclosures:

1. Affidavit pursuant to 10 CFR 2.390
2. Westmoreland Mechanical Testing & Research Report No. 4-57974 (Proprietary)

**Document Components:**

001 Public AREVA Inc. Transmittal Letter.pdf, 363,761 bytes  
002 Public Enc 1 Affidavit.pdf, 864,673 bytes  
003 SUNSI Enc 2 WMTR Report\_Part1.pdf, 25,637,145 bytes, Proprietary  
004 SUNSI Enc 2 WMTR Report\_Part2.pdf, 36,483,124 bytes, Proprietary  
005 SUNSI Enc 2 WMTR Report\_Part3.pdf, 37,671,458 bytes, Proprietary  
006 SUNSI Enc 2 WMTR Report\_Part4.pdf, 34,814,515 bytes, Proprietary  
007 SUNSI Enc 2 WMTR Report\_Part5.pdf, 41,202,493 bytes, Proprietary

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

001 Public AREVA Inc. Transmittal Letter.pdf, 363,761 bytes  
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**OSM#2 (Public Information Only) (DVD):**

001 Public AREVA Inc. Transmittal Letter.pdf, 363,761 bytes  
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