

Proprietary and Security Related Information
Withhold from Public Disclosure Under 10CFR2.390



Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

15 October 2009
DCS-NRC-000258

Subject: Docket Number 07-03098
Shaw AREVA MOX Services
Mixed Oxide Fuel Fabrication Facility
Submittal of 2009 Updated ISA Summary

Reference: (A) K.D. Stinson (MOX Services) letter to Document Control Desk
(NRC), Submittal of ISA Summary, DCS-NRC-000212,
17 December 2007

Shaw AREVA MOX Services, LLC (MOX Services) is submitting to the U.S. Nuclear Regulatory Commission (NRC) its 2009 updated Integrated Safety Analysis (ISA) Summary associated with the nuclear materials license application (LA) for the Mixed Oxide Fuel Fabrication Facility (MFFF). The enclosed ISA Summary supersedes Reference (A).

Enclosure (1) provides the updated ISA Summary. It is submitted under separate cover from the LA to distinguish it from the license as provided for in 10 CFR 70.65(b). It should be withheld from public disclosure pursuant to 10 CFR 2.390 for security concerns and content of proprietary information. An affidavit pursuant to 10 CFR 2.390 (b)(1)(iii) for the proprietary information is provided as Enclosure (2). A redacted copy is not provided due to the pervasive nature of the proprietary and security-related information. A revision summary of the 2009 Updated ISA Summary is provided in Enclosure (3). Enclosure (3) should be withheld from public disclosure pursuant to 10 CFR 2.390 for security concerns and content of proprietary information.

If you have any questions, please feel free to contact me at (803) 819-2700 or Walt Elliott, Vice President Engineering at (803) 819-2200.

Sincerely,

A handwritten signature in black ink, appearing to be "D Stinson".

David Stinson, President and COO

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Document Control Desk
U.S. Nuclear Regulatory Commission
DCS-NRC-000258
15 October 2009
Page 2 of 2

Enclosures:

- (1) MFFF Integrated Safety Analysis Summary October 2009 (Proprietary/Security Related)
- (2) Affidavit Pursuant to 10 CFR 2.390(b)
- (3) Integrated Safety Analysis Summary 2009 Update Revision Summary

cc (w/o encl.):

Eric Chassard, MOX Services
Mostafa Dayani, NNSA/SRS
Carol Elliott, NNSA/SRS
Walter Elliott, MOX Services
Sam Glenn, NNSA/SRS
William Gloersen, USNRC/RII
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Kevin Morrissey, USNRC/HQ
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Deborah Seymour, USNRC/RII
Melvin Shannon, USNRC/SRS
Donald Silverman, ML&B
David Tiktinsky, USNRC/HQ
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Enclosure 2

Affidavit for Updated ISA Summary Submittal

AFFIDAVIT PURSUANT TO 10 CFR 2.390(b) (1)

1. I am the President of Shaw AREVA MOX Services, LLC (MOX Services), and as such have the responsibility for reviewing information sought to be withheld from public disclosure in connection with design and licensing of the Mixed Oxide Fuel Fabrication Facility (MFFF); and I am authorized on the part of MOX Services to apply for this withholding.
2. I am making this affidavit in conformance with the provisions of 10 CFR 2.390 of the regulations of the Nuclear Regulatory Commission (NRC) and in conjunction with MOX Services' application for withholding that accompanies this affidavit.
3. I have knowledge of the criteria used by MOX Services in designating information as proprietary or confidential.
4. Pursuant to the provisions of paragraph (b) (4) of 10 CFR 2.390, the following is furnished for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld.
 - (i) The information sought to be withheld from public disclosure is owned by MOX Services, its partners, and/or affiliates, and has been held in confidence by the same.
 - (ii) The information is of a type that would customarily be held in confidence by MOX Services, its partners, and/or affiliates. The information consists of design details and processing methods and mechanisms relative to a method of processing that provides a competitive advantage to MOX Services, its partners, and/or affiliates.
 - (iii) The information was transmitted to the NRC in confidence and, under the provisions of 10 CFR 2.390; it is to be received in confidence by the NRC.
 - (iv) The information sought to be protected is not available in public to the best of our knowledge and belief.
 - (v) The proprietary information sought to be withheld in this submittal is marked. This information describes MOX Services' design for the MFFF. This information enables MOX Services, its partners, and/or affiliates to support the license application for the MFFF.
 - (vi) The proprietary information sought to be withheld from public disclosure has substantial commercial value to MOX Services, its partners, and/or affiliates.
 - (a) It allows MOX Services to reduce vendor and consultant expenses associated with supporting the licensing of fuel fabrication plants.

- (b) MOX Services may sell the information to nuclear utilities, vendors, and consultants for the purpose of supporting the licensing of fuel fabrication plants.
 - (c) The subject information could only be duplicated by competitors at similar expense to that incurred by MOX Services, its partners, and/or affiliates.
5. Public disclosure of this information is likely to cause harm to MOX Services, its partners, and/or affiliates because it would allow competitors in the nuclear industry to benefit from the results of a significant development program without requiring commensurate expense or allowing MOX Services, its partners, and/or affiliates to recoup a portion of its expenditures or benefit from the sale of the information.

K. David Stinson, being duly sworn, states that he is the person who subscribed his name to the foregoing statement, and that all the matters and facts set forth within are true and correct to the best of his knowledge.



K. David Stinson, President

Subscribed and sworn to on this 15 day of October, 2009



Notary Public

My Commission Expires:

MY COMMISSION EXPIRES 12-15-2009

SEAL