

<b>United States Nuclear Regulatory Commission Official Hearing Exhibit</b>	
<b>In the Matter of:</b>	SHAW AREVA MOX SERVICES (Mixed Oxide Fuel Fabrication Facility)
<b>ASLBP #:</b> 07-856-02-MLA-BD01 <b>Docket #:</b> 07003098 <b>Exhibit #:</b> APPR50001-00-BD01 <b>Admitted:</b> 5/21/2013 <b>Rejected:</b> <b>Other:</b>	<b>Identified:</b> 5/21/2013 <b>Withdrawn:</b> <b>Stricken:</b>

**APPR500001**  
**Submitted May 3, 2013**

**Shaw AREVA MOX Services, Docket No. 70-3098-MLA, ASLBP No. 07-856-02-MLA-BD01**

**Evidentiary Hearing**  
**Applicant's Hearing Exhibits**

Applicant Exhibit #	Exhibit Sensitivity Level	Exhibit Name	Exhibit Submission Date
1.	None	Revised Exhibit List	March 1, 2012
2.	OUO	Pre-Filed Direct Testimony on Contention 4	September 29, 2011
3.	None	<i>Curriculum Vitae</i> of Dr. Sven Bader	September 29, 2011
4.	None	<i>Curriculum Vitae</i> of Mr. Emory Collins	September 29, 2011
5.	OUO	ISA Summary § 4.2 (Mar. 2010)	September 29, 2011
6.	OUO	ISA Summary § 5.3 (Mar. 2010)	September 29, 2011
7.	OUO, SUNSI & Proprietary	Safety Evaluation of the Postulated Inability to Transfer High Alpha Waste from the MOX Fuel Fabrication Facility and the Short, Intermediate, and Long-Term Storage of High Alpha Waste in the KWD Unit, DCS01-RRJ-DS-ANS-H-38426-2 (July 23, 2009)	September 29, 2011
8.	OUO	Final Safety Evaluation Report for the License Application To Possess and Use Radioactive Material at the Mixed Oxide Fuel Fabrication Facility in Aiken, SC [("FSER")] Abstract, Table of Contents, and Executive Summary (Dec. 2010)	September 29, 2011
9.	OUO	[FSER] § 11.2.1.3.11 (Dec. 2010)	September 29, 2011
10.	OUO	Calculation of the Volume Sent to KWD High Alpha Tanks during a Pu Flushout in KPA, DCS01-KWD-DS-CAL-F-12160-2 (July 2009)	September 29, 2011

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11.	OUO	Aqueous Polishing General Process Diagram with AFS, DCS01-KKJ-CG-SCH-F-06714 (June 2010)	September 29, 2011
12.	OUO & SUNSI	Aqueous Polishing—Unit KWD: System Description Document for the Liquid Waste Reception Unit, DCS01-KWD-DS-SDD-F-41022-1 (Apr. 2006)	September 29, 2011
13.	None	Letter from T. Matthews to Board, with Attachments A and C (Apr. 29, 2009) (the current version of Attachment B is provided as Exhibit APP000007)	September 29, 2009
14.	OUO	Revised Pre-Filed Direct Testimony on Contentions 9-11 <sup>1</sup>	March 1, 2012
15.	None	<i>Curriculum Vitae</i> of Ms. Sue King	September 29, 2011
16.	None	<i>Curriculum Vitae</i> of Mr. Gary Bell	September 29, 2011
17.	None	<i>Curriculum Vitae</i> of Mr. Gary Clark	September 29, 2011
18.	None	<i>Curriculum Vitae</i> of Ms. Martha Williams	September 29, 2011
19.	OUO & SUNSI	MOX Fuel Fabrication Facility Material Control and Accounting Fundamental Nuclear Material Control Plan [(“FNMCP”)] Chapter 2 and Annex D § D.G.3.4.11 (Apr. 2010)	September 29, 2011
20.	OUO & SUNSI	FNMCP Chapter 3 (Apr. 2010)	September 29, 2011
21.	OUO	[FSER] Chapter 13 (Dec. 2010)	September 29, 2011

<sup>1</sup> MOX Services originally submitted APP000014 on September 29, 2011. MOX Services submitted a revised exhibit APP000014, designated as APPR00014, on March 1, 2012.

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22.	UCNI	Physical Protection Plan, DCS01-APP-SS-NTE-S-31033 (May 2011)	September 29, 2011
23.	OUO	MOX Process: Store Sizing, DCS01-ZJJ-CG-NTE-F-00075-F (Dec. 2004)	September 29, 2011
24.	OUO	Update Storage Sizing Document, ECR-013808 (Sept. 1, 2011)	September 29, 2011
25.	OUO	MFFF PuO <sub>2</sub> Container Storage Unit (DCM) Inspection Time, DCS01-DCM-DS-CAL-M-59999-0 (Sept. 2011)	September 29, 2011
26.	OUO	MFFF Buffer Storage Unit (DCE) Inspection Time, DCS01-DCE-DS-CAL-M-59999-0 (Sept. 2011)	September 29, 2011
27.	OUO	MFFF Rod Tray Storage Unit (STK) Inspection Time, DCS01-STK-DS-CAL-M-59999-0 (Sept. 2011)	September 29, 2011
28.	OUO	MFFF Fuel Assembly Storage Unit (TAS) Inspection Time, DCS01-TAS-DS-CAL-M-59999-0 (Sept. 2011)	September 29, 2011
29.	none	NUREG-1718, Standard Review Plan for the Review of an Application for a Mixed Oxide (MOX) Fuel Fabrication Facility, pages i – xxvi (Aug. 2000)	September 29, 2011
30.	none	NUREG-1280, Rev. 1, Standard Format and Content Acceptance Criteria for the Material Control and Accounting (MC&A) Reform Amendment: 10 CFR Part 74, Subpart E, Chapters 2 and 3 (Apr. 1995)	September 29, 2011
31.	none	Prefiled Reply Testimony on Contentions 9-11	January 24, 2012
32.	none	FNMCP Section 4.1.1 (Apr. 2010)	January 24, 2012

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33.	none	NUREG-1280, Rev. 1, Standard Format and Content Acceptance Criteria for the Material Control and Accounting (MC&A) Reform Amendment: 10 CFR Part 74, Subpart E, Section 4.9 (Apr. 1995)	January 24, 2012
34.	none	FNMCPS Section G.3.4.12 (Apr. 2010)	January 24, 2012
35.	none	NUREG-1280, Rev. 1, Standard Format and Content Acceptance Criteria for the Material Control and Accounting (MC&A) Reform Amendment: 10 CFR Part 74, Subpart E, Section 4.1 (Apr. 1995)	January 24, 2012
36.	OUO	MIFF Process & Utility Control System	March 7, 2012
37.	OUO	Prefiled Direct Testimony In Response to Board's June 29, 2012 Memorandum and Order <sup>2</sup>	December 5, 2012
38.	none	SSNM Item Identity and Location Data Verification Procedure, MIFF-APM-MC-SOP-S-67011, Rev. 1 (Dec. 2012) <sup>3</sup>	December 5, 2012
39.	OUO & SUNSI	Revised FNMCPS Chapter 2 (Oct. 2012)	October 15, 2012
40.	OUO & SUNSI	Revised FNMCPS Section 3.3 (Oct. 2012)	October 15, 2012
41.	none	Additional Direct Testimony Related to NRC Staff Requests for Additional Information	December 5, 2012
42.	OUO	Revisions to Prefiled Direct Testimony In Response to Board's June 29, 2012 Memorandum and Order	December 5, 2012

<sup>2</sup> MOX Services originally submitted APP000037 on October 15, 2012. MOX Services submitted a revised exhibit APP000037, designated as APPR00037, on December 5, 2012.

<sup>3</sup> MOX Services originally submitted APP000038 on October 15, 2012. MOX Services submitted a revised exhibit APP000038, designated as APPR00038, on December 5, 2012.

<b>Applicant Exhibit #</b>	<b>Exhibit Sensitivity Level</b>	<b>Exhibit Name</b>	<b>Exhibit Submission Date</b>
43.	OUO & SUNSI	Response to NRC Requests for Additional Information and Revised Fundamental Nuclear Material Control Plan Pages	December 5, 2012
44.	none	Prefiled Reply Testimony In Response to Board's June 29, 2012 Memorandum and Order	May 3, 2013