



DCS-NRC-000365
15 August 2014

Attn: Document Control Desk
Director, Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Docket No. 070-03098 Shaw AREVA MOX Services, LLC Request for
Conforming Amendment to Construction Authorization No. CAMOX-001
Regarding Corporate Name Change

Reference: (A) DCS-NRC-000324, Letter from K. Trice to Document Control Desk (August
30, 2012) (ML12243A498)
(B) DCS-NRC-000328, Letter from K. Trice to Document Control Desk (October
1, 2012) (ML12276A108)
(C) DCS-NRC-000338, Letter from K. Trice to Document Control Desk
(December 20, 2012) (ML12356A081) (ML12356A081)
(D) DCS-NRC-000339, Letter from K. Trice to Document Control Desk (January
16, 2013) (ML13017A376)
(E) Order Approving Indirect Transfer of Control of Construction Authorization
(January 31, 2013) (ML12341A352)

Dear Sir/Madam:

Shaw AREVA MOX Services, LLC previously requested NRC consent to an indirect transfer of control as a result of the purchase of Shaw Project Services Group, LLC's (SPSG) and Shaw Environmental and Infrastructure's (Shaw E&I) (aka CB&I Government Solutions, Inc.) interests in Shaw AREVA MOX Services, LLC by Chicago Bridge and Iron Company, NV (CB&I), which acquired the parent company, The Shaw Group, Inc. (References (A) – (D)). On January 31, 2013, the NRC granted the requested consent (Reference (E)).

When the above-referenced consent was requested and approved, no conforming amendment to CAMOX-001 was requested to change the name of the Construction Authorization (CA) holder.

On January 23, 2014 the name of Shaw Project Services Group, LLC was changed to CB&I Project Services Group, LLC (CPSG). On July 23, 2014 CB&I combined its Shaw AREVA MOX Services, LLC ownership interest of 30% (from Shaw E&I) and 40% (from SPSP/CPSG) so that all 70% ownership interest is vested in CB&I Project Services Group, LLC. Also, on July 23, 2014, the Shaw AREVA MOX Services, LLC Board of Governors resolved to change the name of the CA holder from Shaw AREVA MOX Services, LLC to CB&I AREVA MOX Services, LLC.

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These changes involve no further change in control, direct or indirect, of CAMOX-001, no changes in the technical or financial qualifications of CB&I AREVA MOX Services, LLC, and no change in the day to day management or operation of CB&I AREVA MOX Services, LLC. The name changes do not alter or modify the security arrangements imposed in connection with the earlier transfer.

Accordingly, CB&I AREVA MOX Services, LLC is hereby requesting that the NRC issue conforming amendments to CAMOX-001 to reflect these name changes. We are enclosing a proposed amended version of CAMOX-001 which reflects the desired changes.

Sincerely,

A handwritten signature in black ink that reads "Kelly Trice". The signature is written in a cursive, flowing style.

Kelly Trice
President & COO

Attachment

cc:

Scott Cannon, NNSA/SRS
Sam Glenn, NNSA/SRS
William Gloersen, USNRC/RII
Dealis Gwyn, MOX Services
Chad Huffman, USNRC/SRS
Kevin Morrissey, USNRC/HQ
Gilles Rousseau, MOX Services
Deborah Seymour, USNRC/RII
Don Silverman, ML&B
David Tiktinsky, USNRC/HQ
Rodney Whitley, MOX Services
Paul Whittingham, MOX Services
Bryan Wilkes, MOX Services
Lauren Wylie, MOX Services
EDMS: Corresp\Outgoing\NRC\2014 NRC

Attachment

CA Rev 3 2011 Mark up of Changes

~~CB&I~~
~~SHAW AREVA MOX SERVICES, LLC~~

DOCKET NO. 70-3098

MIXED OXIDE FUEL FABRICATION FACILITY

CONSTRUCTION AUTHORIZATION

Construction Authorization No. CAMOX-001, Revision 3

1. The United States Nuclear Regulatory Commission (the Commission) having found that:

- ~~CB&I~~
- ~~Shaw~~
- ~~Duke Cogema~~ ~~Shaw AREVA~~
- ~~MOX Services~~ ~~Stone and Webster, LLC~~¹
- A. the Construction Authorization Request (CAR), as revised, submitted by ~~Shaw~~ AREVA MOX Services, LLC (MOX Services) [formerly known as ~~Duke Cogema~~ ~~Shaw AREVA~~ ~~MOX Services~~ ~~Stone and Webster, LLC~~¹] complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the rules and regulations of the Commission, and there is reasonable assurance that the activities authorized by this construction authorization, as revised, will be conducted in compliance with those rules and regulations, as more fully documented in the Final Safety Evaluation Report (FSER) in the CAR;
 - B. in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 70.23(b), on the basis of information described in the CAR, as revised, and the additional statements and commitments heretofore made by MOX Services in docketed correspondence listed in Attachment A, the design bases of the principal structures, systems, and components (PSSCs) for the proposed Mixed Oxide Fuel Fabrication Facility (MFFF) [sometimes referred to, hereafter, as “the facility”], and the quality assurance program, provide reasonable assurance of protection against natural phenomena and the consequences of potential accidents;
 - C. findings necessary to authorize possession and use of licensed material at the facility are deferred pending evaluation of an application requesting such a license;
 - D. after weighing the environmental, economic, technical, and other benefits of the facility against environmental costs, and considering available alternatives, the issuance of a construction authorization, as revised, is in accordance with 10 CFR 70.23(a)(7), 10 CFR Part 51, and the requirements of Sections 102(2)(A) and (C) of the National Environmental Policy Act; and
 - E. the issuance of this construction authorization, as revised, will not be inimical to the common defense and security, and will not constitute an unreasonable risk to the health and safety of the public.

2. Pursuant to 10 CFR Part 70, the Commission hereby issues a construction authorization, as revised, to MOX Services for a plutonium processing and fuel fabrication plant as described in the revised CAR filed by MOX Services. The plant, known as the MFFF, will be located on the U.S. Department of Energy's (DOE's) Savannah River Site, near Aiken, South Carolina.

¹ Shaw AREVA MOX Services, LLC was previously known as Duke Cogema Stone and Webster, LLC. This name change was reflected in CAMOX-001 Rev. 1.

3. This construction authorization, as revised, is subject to all applicable requirements of the Act and the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:
 - A. Authorized activity: To construct a plutonium processing and mixed oxide fuel fabrication plant in accordance with the statements, representations, and conditions of: (1) the CAR dated October 30, 2002 (as revised in supplements dated December 12, 2002; February 18, 2003; April 1, 2003; April 8, 2003; July 28, 2003; June 10, 2004; January 27, 2005, and February 9, 2005); (2) the MOX Project Quality Assurance Plan, dated March 26, 2002 and supplements thereto; and (3) the Environmental Report, dated December 19, 2000 (as revised in supplements dated July 11, 2002; December 10, 2002; January 15, 2003; June 20, 2003; August 13, 2003; and June 10, 2004) and as revised in the License Application (LA), dated September 26, 2006, and supplements thereto;
 - B. The facility shall be constructed and located at the site, as described in the CAR, on the DOE's Savannah River Site, near Aiken, South Carolina.
 - C. This construction authorization authorizes MOX Services to construct the facility in accordance with the design bases of the PSSCs described in the CAR as refined in the LA's items relied on for safety design basis sections (and supplements thereto), and environmental protection commitments set forth in MOX Services's Environmental Report and revisions thereto.
 - D. During construction of the facility, the inspection program set forth in 10 CFR 70.55 will apply to all of MOX Services's construction-related activities.
 - E. As more fully set forth in the FSER for the CAR, the facility will be designed so that effective neutron multiplication factor (k_{eff}) shall not exceed an upper subcritical limit of 0.9249 for normal and credible abnormal conditions covered by Area of Applicability (4), [AOA(4)]. MOX Services shall not increase the k_{eff} limits or change the AOA boundaries beyond those contained in FSER Chapter 6 without prior Commission's review and approval.
4. This construction authorization is subject to the limitation that a license authorizing operation of the facility will not be issued by the Commission until the Commission has reviewed and approved a request by MOX Services for a license to possess and use licensed material at the facility.

5. This construction authorization is effective as of its date of issuance, and shall expire 10 years from its date of issuance of the initial version of the construction authorization, provided, however, that the Director of the Office of Nuclear Material Safety and Safeguards may, in writing and for good cause, shown by MOX Services in writing, not less than 90 days before the date of expiration, extend this authorization.

For the U.S. Nuclear Regulatory Commission

/RA/

Larry Campbell, Chief
Mixed Oxide and Uranium
Deconversion Branch
Special Projects and Technical
Support Directorate
Division of Fuel Cycle, Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Date of Issuance: August 8, 2011

MOX Services shall conduct its operations in accordance with all commitments, representations, and statements made by MOX Services that are contained in the following submittals, and which are hereby incorporated by reference, except where superceded by conditions in this construction authorization.

DCS 2000. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission, RE "Choice of MFFF Process Glovebox Window Material," (DCS-NRC-000030), December 15, 2000.

DCS 2001. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "MOX Fuel Fabrication Facility CAR Supplemental Information—Site Geotechnical Report," (DCS01-WRS-DS-NTE-G-00005- A), April 24, 2001.

DCS 2001. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Responses to Request for Additional Information for Duke Cogema Stone & Webster (DCS) Mixed Oxide Fuel Fabrication Facility (MFFF) Environmental Report (ER)," July 12, 2001.

DCS 2001. Hastings, P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission, RE "MOX Fuel Fabrication Facility Site Geotechnical Report," (DCS01-WRS-DS-NTE-G-00005-C), August 10, 2001.

DCS 2001. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Response to Request for Additional Information - Construction Authorization Request," August 31, 2001.

DCS 2001. Hastings, P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Proprietary DCS Financial Information," August 31, 2001.

DCS 2001. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Response to Clarification Request — Responses to Request for Additional Information on the Duke Cogema Stone & Webster Oxide Fuel Fabrication Facility Environmental Report," October 22, 2001.

DCS 2001. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Responses to Request for Clarification of Additional Information for Duke Cogema Stone & Webster (DCS) Mixed Oxide (MOX) Fuel Fabrication Facility (FFF) Environmental Report (ER)," October 26, 2001.

DCS 2001. Hastings, P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Clarification of Responses to NRC Request for Additional Information," December 5, 2001.

DCS 2001. Hastings P., Duke Cogema Stone & Webster, letter to U.S. Nuclear Regulatory Commission RE "Changes to Mixed Oxide Fuel Fabrication Facility Environmental Report," December 11, 2001.