



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

February 25, 2013

Mr. Kelly D. Trice
President and Chief Operating Officer
Shaw AREVA MOX Services
Savannah River Site
P.O. Box 7097
Aiken, SC 29804-7097

SUBJECT: APPLICANT PERFORMANCE REVIEW OF AUTHORIZED CONSTRUCTION ACTIVITIES FOR SHAW AREVA MOX SERVICES (MOX SERVICES), MIXED OXIDE FUEL FABRICATION FACILITY (MFFF), DOCKET NUMBER 70-3098

Dear Mr. Trice:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed a performance review of the MOX Fuel Fabrication Facility (MFFF) construction activities authorized by the NRC. The review covered the period from October 1, 2011, through December 31, 2012. The purpose of this letter is to inform you of our assessment of your safety performance during this period and any changes to our planned inspections at your facility.

The applicant performance review concluded that overall MFFF construction activities were conducted in a manner that was consistent with the Commission's rules and regulations and the conditions of your construction authorization. Our inspections indicated that your construction program was sufficiently implemented to support ongoing construction activities. MOX Services management and quality assurance oversight adequately monitored and assessed onsite construction activities. The corrective action program implementation activities, including initiation, classification, disposition, adequacy in the documentation, and trending were deemed satisfactory. In conclusion, project performance for this assessment period was acceptable.

Because no actual or potentially risk significant recurring items were identified during this assessment period, no areas were identified as meeting the definition of an area needing improvement in accordance with NRC Inspection Manual Chapter (IMC) 2630, "Mixed Oxide Fuel Fabrication Facility Construction Inspection Program," and IMC 2604 (revision dated June 28, 2002), "Licensee Performance Review." Therefore, we plan to conduct routine construction inspections in accordance with IMC 2630. It is crucial that you keep us apprised of any project schedule changes as soon as they are identified, in order to maintain our inspection plan current. As additional details of your project schedule become available, we will plan other construction inspections of the principle systems, structures, and components consistent with IMC 2630. Your staff will be informed of changes and/or additions to our inspection plans.

Additionally, on December 10, 2012, you requested an extension to submit an updated License Application (LA) and Integrated Safety Analyses Summary (ISAS) until May 31, 2013. The NRC staff has been working with your staff to assure changes that have occurred to the LA and ISAS

are adequately described in the next update. We will review the LA and ISAS updates for regulatory compliance after they are received.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please refer questions and comments about our review of Shaw AREVA MOX Services' performance and planned inspections to William Gloersen, who can be reached by telephone at 404-997-4443.

Sincerely,

/RA/

Joel T. Munday, Director
Division of Construction Projects

Docket No. 70-3098
Construction Authorization No. CAMOX-001

Enclosure: Applicant Performance Review

cc w/encl: (See page 3)

cc w/encl:

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cc w/encl: (See page 3)

* See Previous Concurrence

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: ML13056A513 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

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|--------------|-------------|------------|-----------------|----------------|--------|--------|--------|
| OFFICE | RII: DCP | RII: DCP | NMSS:FCSS | NMSS:FCSS | | | |
| SIGNATURE | WBG | DAS | PAS6 via e-mail | JDK via e-mail | | | |
| NAME | W. Gloersen | D. Seymour | P. Silva | J. Kinneman | | | |
| DATE | 02/20/2013 | 02/21/2013 | 02/22/2013 | 02/20/2013 | | | |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

OFFICIAL RECORD COPY DOCUMENT NAME: G:\CCIDCP\CPB1\MOX FFF\Assessments\2012\4th Quarter (APR)\2012 MFFF APR Letter Licensee rev8.docx

Letter to Kelly Trice from Joel Munday dated February 25, 2013.

SUBJECT: APPLICANT PERFORMANCE REVIEW OF AUTHORIZED CONSTRUCTION
ACTIVITIES FOR SHAW AREVA MOX SERVICES (MOX SERVICES), MIXED
OXIDE FUEL FABRICATION FACILITY (MFFF), DOCKET NUMBER 70-3098

Distribution w/encls:

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**APPLICANT PERFORMANCE REVIEW
FOR SHAW AREVA MOX SERVICES
ASSESSMENT PERIOD: October 1, 2011– December 31, 2012**

The following is a summary of the performance of Shaw AREVA MOX Services in the conduct of NRC authorized activities.

I. FUNCTIONAL AREA: MANAGEMENT MEASURES

This area is comprised of quality assurance activities, including program implementation; design and document control; control and inspection of materials, equipment and services; problem identification, resolution, and corrective action; 10 CFR Part 21 reporting; control of electronic management data; and safety function interfaces.

Program Area Needing Improvement

No specific areas needing improvement were identified.

II. FUNCTIONAL AREA: FACILITY CONSTRUCTION

This area is comprised of facility construction activities, including onsite construction activities, engineering activities, and supplier and vendor fabrication activities.

Program Area Needing Improvement

No specific areas needing improvement were identified.

III. FUNCTIONAL AREA: SPECIAL TOPICS

This area is comprised of licensing activities, including the Fundamental Nuclear Material Control Plan and the Security Plan.

Program Areas Needing Improvement

No specific areas needing improvement were identified.