



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

March 12, 2015

Mr. David Del Vecchio
President and Chief Operating Officer
CB&I AREVA MOX Services
Savannah River Site
P.O. Box 7097
Aiken, SC 29804-7097

**SUBJECT: APPLICANT PERFORMANCE REVIEW OF AUTHORIZED CONSTRUCTION
ACTIVITIES FOR CB&I AREVA MOX SERVICES MIXED OXIDE FUEL
FABRICATION FACILITY, DOCKET NUMBER 70-3098**

Dear Mr. Del Vecchio:

The U.S. Nuclear Regulatory Commission (NRC) staff has completed a performance review of the Mixed Oxide (MOX) Fuel Fabrication Facility (MFFF) construction activities authorized by NRC Construction Authorization Number (No.) CAMOX-001. The NRC reviewed inspection results and enforcement actions from January 1, 2014, through December 31, 2014. The purpose of this letter is to inform you of the NRC's assessment of the safety performance at your facility during this period and any changes to our planned inspections at your facility.

The NRC determined that the MFFF was being constructed in a manner that preserved public health and safety and was consistent with the Commission's rules and regulations and the conditions of CAMOX-001. Our inspections indicated that your construction program was sufficiently implemented to support ongoing construction activities. CB&I AREVA MOX Services (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.

Because no actual or potentially risk significant recurring items were identified during this assessment period, the NRC determined the performance at the MFFF during 2014 was within Column 1 of the Construction Action Matrix (CAM) as defined in Exhibit 1 of NRC Inspection Manual Chapter (IMC) 2630, Mixed Oxide Fuel Fabrication Facility Construction Inspection Program, dated May 9, 2014. Therefore, the NRC plans to conduct routine inspections of the principle systems, structures, and components consistent with IMC 2630 and commensurate with on-going activities at the MFFF. It is important that you keep us apprised of any project or construction schedule changes as soon as they are identified, in order to maintain our inspection plan current. Your staff will be informed of changes and/or additions to our inspection schedule. In conclusion, project performance for this assessment period was acceptable.

The NRC expects to issue a generic letter to request that licensees submit information to demonstrate compliance with regulatory requirements regarding the treatment of natural phenomena hazard events in the facilities' integrated safety assessments. Once licensees provide this information, additional NRC inspection hours beyond the planned inspection hours may be implemented in 2015 or 2016.

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 MOX Services' performance and planned inspections to William B. Gloersen, who can be reached by telephone at 404-997-4443.

Sincerely,

/RA/

Deborah A. Seymour, Chief
Construction Projects Branch 1
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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The NRC expects to issue a generic letter to request that licensees submit information to demonstrate compliance with regulatory requirements regarding the treatment of natural phenomena hazard events in the facilities' integrated safety assessments. Once licensees provide this information, additional NRC inspection hours beyond the planned inspection hours may be implemented in 2015 or 2016.

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

Sincerely,

/RA/

Deborah A. Seymour, Chief
 Construction Projects Branch 1
 Division of Construction Projects

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

Enclosure: Applicant Performance Review

cc w/encl: (See page 3)

PUBLICLY AVAILABLE
 NON-PUBLICLY AVAILABLE
 SENSITIVE
 NON-SENSITIVE
 ADAMS: Yes
 ACCESSION NUMBER: ML15071A270
 SUNSI REVIEW COMPLETE
 FORM 665 ATTACHED

OFFICE	RII: DCP	RII: DCP	RII: DCP	RII: DCI	NMSS:FCSE	NMSS:FCSE	NMSS:FCSE
SIGNATURE	WBG	CKH1 via e-mail	WBJ	JTY	RKJ via e-mail	MGB via e-mail	DHT via e-mail
NAME	W. Gloersen	C. Huffman	W. Jones	J. Yerokun	R. Johnson	M. Bailey	D. Tiktinsky
DATE	03/03/2015	03/11/2015	03/04/2015	03/05/2015	02/25/2015	03/12/2015	03/03/2015
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

Letter to Mr. David Del Vecchio from Deborah Seymour dated March 12, 2015.

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

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**APPLICANT PERFORMANCE REVIEW
FOR CB&I AREVA MOX SERVICES
ASSESSMENT PERIOD: January 1, 2014 – December 31, 2014**

The following is a summary of the relevant performance areas of CB&I AREVA MOX Services (MOX Services) in the conduct of NRC authorized construction activities.

I. ASSESSMENT AREA: QUALITY ASSURANCE PROGRAM

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

Performance

No specific performance issues were identified. Performance warrants the routine inspection program consistent with NRC Inspection Manual Chapter (IMC) 2630 and commensurate with on-going construction activities at the Mixed Oxide (MOX) Fuel Fabrication Facility (MFFF). Identified deficiencies will be addressed through MOX Services' corrective action program.

II. ASSESSMENT AREA: CONSTRUCTION OVERSIGHT

This area is comprised of facility construction and maintenance activities of principle systems, structures, and components (PSSCs), including onsite construction activities, engineering activities, supplier and vendor fabrication activities, and maintaining the validity of prior PSSC completion conclusions.

Performance

No specific performance issues were identified. Performance warrants the routine inspection program consistent IMC 2630 and commensurate with on-going construction activities at the MFFF. Identified deficiencies will be addressed through MOX Services' corrective action program.

III. ASSESSMENT AREA: OTHER AREAS

This area is comprised of licensing activities, licensing of new processes, licensing basis document submittals, and deviations from commitments.

Performance

No specific performance issues were identified.