



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

November 12, 2008

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

**SUBJECT: ASSESSMENT OF APPLICANT PERFORMANCE (AAP) OF AUTHORIZED  
ACTIVITIES FOR MOX SERVICES, MIXED OXIDE FUEL FABRICATION  
FACILITY (MFFF), DOCKET NUMBER 70-3098**

Dear Mr. Stinson:

The US Nuclear Regulatory Commission (NRC) completed a review of MOX Services' performance in conducting NRC authorized construction activities at the MFFF located at the Savannah River Site in Aiken, South Carolina. The review evaluated MOX Services' performance during the period from October 16, 2006 through September 30, 2008. The areas evaluated included management measures, facility construction, and facility support. This letter and the enclosure provide to you the results of our review, and will be used as one of the bases for establishing the NRC oversight program for your conduct of authorized construction activities during the next 12 months.

For this review period, the staff concluded that, overall, MOX Services conducted its construction activities safely and in accordance with the certificate requirements. While several violations of low significance were identified during the review period, the staff's review did not identify any areas needing improvement in management measures, facility construction, or facility support.

Based on your performance during this period, as documented in our inspection reports, the NRC will continue to inspect your facility commensurate with the level of ongoing construction activities and the level of risk posed by future operations.

The results of our review will be discussed with you at the Aiken Federal Building in Aiken, South Carolina, during a meeting open to the public on December 15, 2008. During the meeting, we would appreciate hearing your own assessment of your performance in the areas we have evaluated.

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).

D. Stinson

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Please refer questions and comments about our review of MOX Services' performance to Deborah Seymour, who can be reached by telephone at 404-562-0556.

Sincerely,

**/RA/**

Anthony T. Gody, Deputy Director  
Division of Construction Projects

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

Enclosure: Assessment of Applicant Performance

cc w/encl: (See page 3)

D. Stinson

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE

ADAMS:  Yes      ACCESSION NUMBER: ML083180048       SUNSI REVIEW COMPLETE

OFFICE							
SIGNATURE	Via Email	Via Email	Via Email	Via Email	Via Email	Via Email	
NAME	WGloersen	DSeymour	MLesser	KO'Donohue	MKotzales	MBailey	
DATE	11/10/2008	11/7/2008	11/6/2008	10/31/2008	11/4/2008	11/10/2008	
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

D. Stinson

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cc w/encl:

Mr. Garrett Smith, NNSA/HQ  
NA-261/Forrestal  
1000 Independence Ave., SW  
Washington, DC 20585

Mr. Clay Ramsey, Federal Project Director  
NA-262.1  
P.O. Box A  
Aiken, SC 29802

Mr. Sam Glenn, Deputy  
Federal Project Director  
NA-262.1  
P.O. Box A  
Aiken, SC 29802

A.J. Eggenberger, Chairman  
Defense Nuclear Facilities Safety Board  
625 Indiana Ave., NW  
Suite 700  
Washington, DC 20004

Mr. Joseph Olencz, NNSA/HQ  
1000 Independence Ave., SW  
Washington, DC 20585

Susan Jenkins  
Division of Radioactive Waste Management  
Bureau of Health and Environmental Control  
2600 Bull St.  
Columbia, SC 29201

D. Silverman  
Morgan, Lewis, & Bockius  
1111 Penn. Ave., NW  
Washington, DC 20004

G. Carroll  
Nuclear Watch South  
P.O. Box 8574  
Atlanta, GA 30306

Diane Curran  
Harmon, Curran, Spielberg & Eisenberg,  
LLP  
1726 M St., NW  
Suite 600  
Washington, DC 20036

L. Zeller  
Blue Ridge Environmental Defense League  
P.O. Box 88  
Glendale Springs, NC 28629

Letter to Mr. David Stinson from Anthony T. Gody dated November 12, 2008

SUBJECT: ASSESSMENT OF APPLICANT PERFORMANCE (AAP) OF AUTHORIZED  
ACTIVITIES FOR MOX SERVICES, MIXED OXIDE FUEL FABRICATION  
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Distribution w/encl:

M. Kotzalas, NMSS

D. Tiktinsky, NMSS

D. Jackson, NMSS

A. Gody, RII

D. Seymour, RII

M. Lesser, RII

K. O'Donohue, RII

M. Shannon, RII

W. Gloersen, RII

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**ASSESSMENT OF APPLICANT PERFORMANCE FOR  
SHAW AREVA MOX SERVICES  
ASSESSMENT PERIOD: October 16, 2006 – September 30, 2008**

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

**PERFORMANCE AREA: MANAGEMENT MEASURES**

This area is comprised of quality assurance, design controls, configuration management, procedures, audits, assessments, and records. Quality assurance includes 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; supplier and vendor inspections; and safety interfaces.

**Program Areas Needing Improvement**

No specific areas needing improvement were identified for management measures.

**PERFORMANCE AREA: FACILITY CONSTRUCTION**

This area is comprised of geotechnical/foundation activities, structural concrete, structural steel, structural supports, piping systems, nuclear welding, and mechanical, electrical, and instrument components.

**Program Areas Needing Improvement**

No specific areas needing improvement were identified for facility construction.

**PERFORMANCE AREA: SPECIAL TOPICS**

This area is comprised of licensing activities, FNMC Plan, and the Security Plan. For this review, special topics will only include licensing activities.

**Program Areas Needing Improvement**

No specific areas needing improvement were identified for licensing activities.