

April 13, 2015

Mr. Dealis W. Gwyn
Licensing Manager
CB&I AREVA MOX Services
P.O. Box 7097
Aiken, SC 29804-7097

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION EVALUATION OF REVISION 14
TO THE "MIXED OXIDE PROJECT QUALITY ASSURANCE PLAN" FOR THE
MIXED OXIDE FUEL FABRICATION FACILITY

Dear Mr. Gwyn:

On January 16, 2015, CB&I AREVA MOX Services (MOX Services) submitted Revision 14 of the Mixed Oxide Project Quality Assurance Plan (MPQAP) for review and approval. The Revision was supplemented by a letter dated February 9, 2015. The changes included (1) the removal of a list of special processes from Section 9, "Control of Special Processes," of the MPQAP, and (2) removal of some audit schedule information from Section 18, "Audits."

As stated in the enclosed Safety Evaluation Report (SER), the U.S. Nuclear Regulatory Commission (NRC) staff has reviewed the quality assurance program changes requested by MOX Services in Revision 14 of the MPQAP and finds them acceptable on the basis that the provisions of Sections 9 and 18 of the MPQAP, as revised, continue to meet the requirements of Appendix B to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50. Specifically, the measures described by MOX Services in Revision 14 of the MPQAP continue to provide (1) sufficient guidance to identify activities that are controlled as special processes, and (2) suitable measures for conducting internal audits of the Nuclear Criticality Safety (NCS) function and other quality-affecting activities at the appropriate frequency.

In accordance with 10 CFR Section 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management 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. Gwyn

2

If you have any questions, please contact me at (301) 415-8740, or via e-mail to David.Tiktinsky@nrc.gov.

Sincerely,

/RA/

David Tiktinsky, Senior Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-3098

Enclosure:
Safety Evaluation Report

cc: See next page

D. Gwyn

2

If you have any questions, please contact me at (301) 415-8740, or via e-mail to David.Tiktinsky@nrc.gov.

Sincerely,

/RA/

David Tiktinsky, Senior Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-3098

Enclosure:
Safety Evaluation Report

cc: See next page

ADAMS Accession No. : ML15091A172

Package No. : ML15091A191

OFFICE	FCSE/FMB	FCSE/FMB	FCSE/PORB	FSCE/FMB
NAME	DTiktinsky	TBrockington	SAtack	RJohnson
DATE	4/1/2015	4/9/2015	4/13 /2015	4/ 13 /2015

OFFICIAL RECORD COPY

cc:

Mr. Scott Cannon
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

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

Dr. Peter Winokur, Chairman
Defense Nuclear Facilities Safety Board
625 Indiana Ave., NW, Suite 700
Washington, DC 20004

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

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

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

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