

July 16, 2015

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

SUBJECT: SAFETY EVALUATION REPORT RELATED TO THE APPROVAL OF
AMENDMENT NUMBER: MPQAP-2015-0001 OF THE "MIXED OXIDE
PROJECT QUALITY ASSURANCE PLAN" FOR THE MIXED OXIDE FUEL
FABRICATION FACILITY, UNDER CONSTRUCTION IN AIKEN, SC

Dear Mr. Gwyn:

By letter dated May 11, 2015, (Agencywide Documents Access and Management System [ADAMS] Accession No. ML15132A199), as revised on June 11, 2015 ([ADAMS] Accession No. ML15166A518) and July 7, 2015 ([ADAMS] Accession No. ML15188A460), CB&I AREVA MOX Services (MOX Services) submitted Amendment Number: MPQAP-2015-0001 of the MOX Project Quality Assurance Plan (MPQAP) to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. MOX Services requested a revision to the MPQAP for the use of International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) signatories as described in Nuclear Energy Institute (NEI) NEI 14-05, "Guidelines for the Use of Accreditation in Lieu of Commercial Grade Surveys for Procurement of Laboratory Calibration and Test Services," Revision 1 (ADAMS Accession No. ML14245A392), and endorsed by the NRC via "Final Safety Evaluation Report For Technical Report NEI 14-05, 'Guidelines For The Use Of Accreditation In Lieu Of Commercial Grade Surveys For Procurement Of Laboratory Calibration And Test Services,' Revision 1," on August 28, 2014 (ADAMS Accession No. ML14322A535).

As described in the enclosure to this letter, the NRC staff has reviewed the changes requested by MOX Services in Amendment Number: MPQAP-2015-0001 and finds them acceptable on the basis that the provisions of Section 7 of the MPQAP, as revised, continue to meet the requirements of Appendix B, "Quality Assurance Criteria For Nuclear Power Plants and Fuel Reprocessing Plants," to Title 10 of the *Code of Federal Regulations* Part 50, "Domestic Licensing of Production and Utilization Facilities," when purchasing commercial-grade calibration and testing services from calibration and testing laboratories accredited by an ILAC MRA signatory in lieu of performing a commercial-grade survey.

If future changes to the NRC's regulatory requirements affect the acceptability of NEI 14-05, Revision 1, NEI will be expected to revise NEI 14-05, Revision 1, and MOX Services will be expected to revise its MPQAP appropriately.

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:
As stated

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:
As stated

cc: See next page

DISTRIBUTION:

FCSE r/f

ADAMS Accession No.: ML15187A389

Package No.: ML15187A400

| OFFICE | FCSE/FMB | FCSE/FMB | FCSE/PORSB | FSCE/FMB |
|--------|------------|--------------|------------|----------|
| NAME | DTiktinsky | TBrockington | TMatula | RJohnson |
| DATE | 07/8/15 | 07/10/15 | 07/21/15 | 07/16/15 |

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 292011

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