

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

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

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If you have any questions, please contact me at (301) 415-8740, or via e-mail to [David.Tiktinsky@nrc.gov](mailto: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  
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Docket No. 70-3098

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As stated

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