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U.S. Nuclear Regulatory Commission  
Washington, DC 20555

DCS-NRC-000395  
7 July 2015

Subject: Docket Number 070-03098  
CB&I AREVA MOX Services  
Mixed Oxide Fuel Fabrication Facility  
Submittal of MOX Project Quality Assurance Plan (MPQAP) Amendment  
Number: MPQAP-2015-0001 Rev 02

CB&I AREVA MOX Services, LLC (MOX Services) hereby submits to the U. S. Nuclear Regulatory Commission (NRC) for review and approval Amendment Number MPQAP-2015-0001 Rev 02 of the MPQAP. The enclosed revised MPQAP amendment incorporates a word that was inadvertently omitted in the previous revision. No other changes were made in MPQAP-2015-0001 Rev 02.

If you have any questions, please feel free to contact me at (803) 442-6485 or Dealis Gwyn, Licensing and Nuclear Safety Manager, at (803) 819-2780.

Sincerely,

David Del Vecchio  
President and Project Manager

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Enclosure:

(1) MOX Project Quality Assurance Plan Amendment Number: MPQAP-2015-0001 Rev 02

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EDMS: Corresp\Outgoing\NRC\2015 NRC

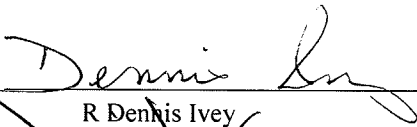
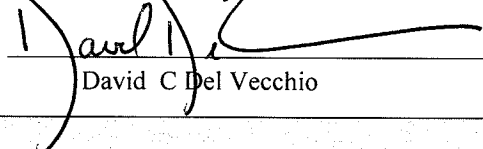
**Enclosure 1**

**MOX Project Quality Assurance Plan,  
Amendment Number: MPQAP-2015-0001, Rev 02**

# MOX Project Quality Assurance Plan (MPQAP)

## AMENDMENT

Docket No. 070-03098

|  |   |
|--|---|
| Amendment No.: <b>MPQAP-2015-0001, Rev.02</b>  | NRC Approval Required   |
| Approvals  |   |
| Director Project Assurance: <u></u> Date: <u>6 JUL 15</u><br>R Dennis Ivey  |   |
| MOX Services President: <u></u> Date: <u>06 JUL 15</u><br>David C Del Vecchio   |   |
| <b>Current Wording:</b> Section 7.2.2.C 4)   | <b>Revised Wording:</b> Section 7.2.2.C 4)  |
| <p>4) Verification that suppliers of calibration services have accreditation by the National Voluntary Laboratory Accreditation Program (NVLAP), the American Association for Laboratory Accreditation (A2LA) or other accreditation agencies accepted as signatories to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA). The following additional requirements shall be noted in procurement documents;</p> <ul style="list-style-type: none"><li>• Purchase document impose additional technical and administrative requirements to satisfy necessary QA program and technical requirements,</li><li>• Purchase documents require reporting as-found calibration data when calibrated items are found to be out-of-tolerance,</li><li>• Purchase documents require identification of the laboratory equipment/standards used.</li></ul> <p>The alternative method is limited to the domestic calibration service suppliers.</p> | <p>4) Verification that suppliers of calibration and testing services from domestic and international calibration and testing laboratories are accepted as signatories to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) in lieu of a commercial grade survey. A documented review of the supplier's accreditation is performed to verify:</p> <ul style="list-style-type: none"><li>• The calibration or test laboratory holds accreditation by an accredited body recognized by the ILAC MRA. The accreditation encompasses ISO/IEC 17025:2005, "General Requirements for the Competence of Testing and Calibration Laboratories."</li><li>• For calibration services, the published scope of accreditation for the calibration laboratory covers the needed measurement parameters, ranges and uncertainties.</li><li>• For testing services, the published scope of accreditation for the test laboratory covers the needed testing services including test methodology and tolerances/uncertainty.</li></ul> <p>The following additional requirements shall be noted in procurement documents;</p> |

# MOX Project Quality Assurance Plan (MPQAP)

## AMENDMENT

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- Certification by the laboratory that the service has been provided in accordance with their ISO/IEC 17025:2005 accredited program and scope of accreditation.
- Purchase document impose additional technical and administrative requirements to satisfy necessary QA program and technical requirements.
- Purchase documents require the certificate of calibration to include the as-found calibration data when calibrated items are found to be out-of-tolerance (calibration services only),
- Purchase documents require the certificate of calibration to include the identification of the laboratory equipment/standards used (calibration services only).
- MOX Services must be notified of any condition that adversely impacts the laboratory's ability to maintain the scope of accreditation.

The receipt inspection will validate that the laboratory's documentation certifies the contracted Calibration or test service has been performed in accordance with their ISO/IEC-17025:2005 program, and **has** been performed within the scope of the accreditation; and the purchase order's requirements are met.

### Justification:

Revised to implement guidance endorsed by the NRC in February 9, 2015 SER to Nuclear Energy Institute "Final Safety Evaluation 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".