

November 10, 2014

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

SUBJECT: FOLLOW-UP TO PREVIOUS U.S. NUCLEAR REGULATORY COMMISSION FINDINGS ON SHAW AREVA MOX SERVICES POSITION RELATED TO GOVERNING MOX PROJECT QUALITY ASSURANCE PLAN CRITERION FOR COMMERCIAL GRADE DEDICATION FOR THE MIXED OXIDE FUEL FABRICATION FACILITY

Dear Mr. Gwyn:

On March 29, 2012, Mr. Kelly Trice sent a letter requesting U.S. Nuclear Regulatory Commission (NRC) concurrence on MOX Services position on the governing MOX Project Quality Assurance Plan (MPQAP) criterion for commercial grade dedication. MOX Services position, as stated in the letter is: “.....commercial grade dedication is implementing Criterion 7 of the MPQAP. We acknowledge that engineering involvement in the commercial grade dedication process is required.”

On December 12, 2012, we responded to your letter and stated:

- a) Commercial grade dedication “shall be conducted in accordance with the requirements contained in Appendix B to Title 10 of *the Code of Federal Regulations* (10 CFR) Part 50 and shall have engineering involvement and controls as necessary, to assure the component will perform its safety function.”
- b) The process of identifying critical characteristics for CGIs [Commercial Grade Items] and the criteria for verifying the critical characteristics should be subject to the requirements of MPQAP Section 7, “Control of Purchased Material, Equipment, and Services,” and Criterion VII of Appendix B to 10 CFR Part 50.

As part of a commercial grade dedication inspection in April 2012, the NRC has tracked an inspector follow-up item (IFI) 70-3098/2012-001-004, “Review the Applicability of Using Design Control to Define Critical Characteristics.” This IFI has been closed and dispositioned as discussed in Inspection Report 2014-004.

The staff has previously determined, through the review of the original MPQAP and its subsequent revisions, that MOX Services has adequately described its Quality Assurance (QA) program, and that this program meets the requirements of 10 CFR Part 50, Appendix B. The staff also found that the QA program will provide reasonable assurance of protection against natural phenomena and the consequences of potential accidents. The answers to your previous questions should be taken into context that all applicable MPQAP requirements need to be met in the commercial grade dedication process.

D. Gwyn

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In accordance with 10 CFR 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).

If you have any questions, please contact me at 301-287-9155, 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

cc: See next page

D. Gwyn

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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

cc: See next page

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