

January 3, 2008

MEMORANDUM TO: Margie Kotzalas, Chief  
MOX Branch  
Special Projects and Technical  
Support Directorate  
Division of Fuel Cycle Safety  
and Safeguards

FROM: David Tiktinsky, Sr. Project Manager **/RA/**  
MOX Branch  
Special Projects and Technical  
Support Directorate, FCSS

SUBJECT: SUMMARY OF THE MEETING WITH SHAW AREVA MOX SERVICES  
ON THE 2007 UPDATE OF THE LICENSE APPLICATION AND  
INTEGRATED SAFETY ANALYSES SUMMARY FOR THE MIXED  
OXIDE FUEL FABRICATION FACILITY TO BE BUILT NEAR  
AIKEN, SC

On December 19, 2007, U.S. Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services to discuss the 2007 update of the license application to possess and use special nuclear material and the Integrated Safety Analyses Summary for the Mixed Oxide Fuel Fabrication Facility.

Please see the enclosed meeting summary for more details (Enclosure 1). The meeting attendance list is also enclosed (Enclosure 2). The meeting handout can be found in Enclosure 3. The enclosures do not contain any official use only information.

Docket 70-3098

Enclosures:

1. Meeting Summary
2. List of Attendees
3. Meeting Handout

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cc w/o enclosures

G. Carroll, NWS

J. Olencz, NNSA

A.J. Eggenberger, DNFSB

D. Silverman, Esq., MOX Services

M. Moore, SC Dept of HEC

D. Curren, Esq., NWS

L. Zeller, BREDL

D. Gwyn, MOX Services

G. Smith, NNSA

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DATE	01/ 03 /08	01/ 03 /08	01/ 03 / 08

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SUMMARY OF THE MEETING WITH SHAW AREVA MOX SERVICES ON  
THE 2007 UPDATE OF THE LICENSE APPLICATION AND  
INTEGRATED SAFETY ANALYSES SUMMARY  
FOR THE MIXED OXIDE FUEL FABRICATION FACILITY

Date: December 19, 2007

Place: U.S. Nuclear Regulatory Commission (NRC) Headquarters, Rockville, MD

Attendees: See Enclosure 2

Purpose:

This purpose of the meeting was for Shaw AREVA MOX Services (MOX Services) to present to NRC and interested members of the public the changes that were made in the 2007 update of the license application (LA) to possess and use special nuclear material and the Integrated Safety Analyses Summary (ISAS) for the Mixed Oxide Fuel Fabrication Facility (MFFF).

Discussion:

The applicant discussed its strategy for updating the LA and the ISAS in 2007. MOX Services also provided a summary of the changes that were made to both documents and discussed a look ahead to revisions in 2008.

The revised LA was submitted in both its "official use only" and "redacted" versions. The changes can be summarized as follows:

- a. Changes due to the engineering change request process (based on the MOX Services document PP8-6, Licensing Basis Configuration Management).
- b. Changes due to code updates, minor editorial changes, and corporate name change.
- c. Revisions to chemical interaction tables and the process chemical hazardous characteristics and incompatibilities table in Chapter 8.
- d. Chapter 11, Plant Systems, was revised to be consistent with the ISAS.
- e. Chapter 12, Human Factors, was substantially rewritten to provide additional details and to discuss the human factors implementation plan.

The ISA Summary (Official Use Only) was revised as follows:

- a. Changes due to the engineering change request process (based on the MOX Services document PP8-6, Licensing Basis Configuration Management).
- b. Changes due to code updates, minor editorial changes, and corporate name change.
- c. Changes due to revisions to the Nuclear Safety Evaluations and the Nuclear Criticality Safety Evaluations.

In the look ahead for 2008, the applicant stated that revisions will be based on responses to NRC requests for additional information, codes and standards clarifications, items relied upon for safety boundaries, removal of duplication between the LA and ISAS, and PP8-6 related changes.

No regulatory decisions were made at the meeting.

The meeting was then adjourned.

December 19, 2007 Management Meeting Attendees

David Tiktinsky	NRC
Kelli Markham	NRC
Jim Smith	NRC
James Downs	NRC
Craig Hrabal	NRC
Chris Tripp	NRC
Rex Wescott	NRC
Paul Bell	NRC
Jonathon DeJesus	NRC
Cinthya Roman	NRC
Margie Kotzalas	NRC
Damaris Arroyo	NRC
Edwin Lyman	UCS
Doug Hase	NRC
Denise Edwards	NRC
Dan Tedder	NRC
Dealís Gwyn	MOX Services