

June 2, 2008

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

FROM: David Tiktinsky, Sr. Project Manager **/RA/**  
MOX Branch  
Special Projects and Technical  
Support Directorate  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: SUMMARY OF MEETING WITH SHAW AREVA MOX SERVICES TO  
DISCUSS THE DRAFT REQUEST FOR ADDITIONAL INFORMATION  
RELATED TO THE CONFINEMENT SYSTEM OF THE MIXED OXIDE  
FUEL FABRICATION FACILITY TO BE BUILT NEAR AIKEN, SOUTH  
CAROLINA

On May 8, 2008, the U.S. Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services, to discuss draft requests for additional information (RAIs) related to the confinement system. The RAIs are based on the License Application to Possess and Use Radioactive Material and the Integrated Safety Analyses Summary for the Mixed Oxide Fuel Fabrication Facility.

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(301) 492-3229

M. Kotzalas

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

Docket No.: 70-3098

Enclosures:

1. Meeting Summary
2. Meeting Attendance List

cc: w/o enclosures:

G. Carroll, NWS

J. Olencz, NNSA

A.J. Eggenberger, DNFSB

D. Silverman, Esq., MOX Services

S. Jenkins, SC Dept of HEC

D. Curran, Esq., NWS

L. Zeller, BREDL

D. Gwyn, MOX Services

G. Smith, NNSA

M. Kotzalas

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A.J. Eggenberger, DNFSB	D. Curran, Esq., NWS	G. Smith, NNSA

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OFFICE	FCSS/MB	FCSS/MB	FCSS/TSB	FCSS/MB
NAME	DTiktinsky	CGibbs	TJohnson	MKotzalas
DATE	5 / 15 /08	5/ 19 /08	5/ 22 /08	6/02/08

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SUMMARY OF MEETING WITH SHAW AREVA MOX SERVICES ON THE DISCUSSION OF DRAFT REQUESTS FOR ADDITIONAL INFORMATION RELATED TO THE CONFINEMENT SYSTEM FOR THE MIXED OXIDE FUEL FABRICATION FACILITY

Date: May 8, 2008

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

Attendees: See Enclosure 2

Purpose:

This purpose of the meeting was for NRC staff to present and discuss with Shaw AREVA MOX Services (MOX Services or applicant) personnel the draft requests for additional information (RAI) in the confinement systems area related to the technical review of the License Application (LA) to Possess and Use Radioactive Material and the Integrated Safety Analyses Summary (ISAS) for the Mixed Oxide Fuel Fabrication Facility.

Discussion:

In order to facilitate communication between the applicant and the staff and to assure an understanding of the RAIs, a meeting was held to discuss the staff's draft questions. The staff's intent is for the RAIs to be formally transmitted to the applicant after these types of meetings are held. Additionally, in-office reviews will be planned during the course of the applicant's development of their responses to assure that they are responding appropriately to the RAIs. Future meetings will also be scheduled prior to the final submittal of the responses by the applicant to discuss the content of the responses.

The staff's RAIs are related to the Confinement System aspects of the technical review of the LA and ISAS. The draft RAIs covered a wide range of items including: (a) commitments to codes and standards; (b) clarifications of statements, descriptions of systems, and material specifications; (c) high efficiency particulate air (HEPA) filter testing; (d) operational aspects of the multiple fan system; (e) pressure gauges; (f) differential pressures; (g) design temperature of HEPA filters; (h) glovebox construction and testing; (i) listing of items relied on for safety; (j) determination of the maximum credible breach of the glovebox; (k) glovebox design pressures; and (l) protection against high soot loading in the event of a fire.

The planned schedule to formally submit the RAIs to the applicant is July 2008.

No regulatory decisions were made at the meeting.

The meeting was then adjourned.

May 8, 2008 Meeting Attendance List

David Tiktinsky	NRC
Rex Wescott	NRC
Tim Johnson	NRC
Craig Hrabal	NRC
Rosemary Reeves	NRC
Dealís Gw`yn	MOX Services
Frank Voshell	MOX Services
Bill Hennessy	MOX Services
Scott Salzman	MOX Services