

February 22, 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
MOX Branch
Special Projects and Technical
Support Directorate /RA/
Division of Fuel Cycle Safety
and Safeguards, NMSS

SUBJECT: SUMMARY OF THE MEETING WITH SHAW AREVA MOX SERVICES
ON DISCUSSION OF DRAFT REQUESTS FOR ADDITIONAL
INFORMATION RELATED TO FIRE PROTECTION FOR THE MIXED
OXIDE FUEL FABRICATION FACILITY TO BE BUILT NEAR
AIKEN, SC

On January 24, 2008, the U.S. Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services, to discuss draft requests for additional information (RAI's) related to fire protection. The RAIs are related to 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

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301/492-3229

M. Kotzalas

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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. List of Attendees

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. Curren, Esq., NWS

L. Zeller, BREDL

D. Gwyn, MOX Services

G. Smith, NNSA

M. Kotzalas

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|-------------|------------|-----------|-----------|
| OFC | FCSS/MB | FCSS/ECB | FCSS/MB |
| NAME | DTiktinsky | RWescott | MKotzalas |
| DATE | 2/ 20 /08 | 2/ 20 /08 | 2/ 22 /08 |

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

Date: January 24, 2008

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

Attendees: See Enclosure 2

Purpose:

This purpose of the meeting was for the NRC staff to present and discuss with Shaw AREVA MOX Services (MOX Services) personnel the draft requests for additional information (RAI) in the fire protection area related to the technical review 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.

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 intent is for the RAIs to be formerly transmitted to the applicant shortly 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 response.

The staff's RAIs are related to fire protection aspects of the technical review of the LA and ISAS. The draft RAI's covered a wide range of fire protection related items including: a) commitments to meeting various National Fire Protection Association (NFPA) codes and standards; b) cables and the electrical system; c) lightning protection; d) isolation valves; e) fire dampers; f) safe havens; g) egress doors; h) sprinkler systems; i) deviations from codes and standards; j) design parameters for the clean agent fire suppression system; and k) fire events as analyzed in the ISAS.

Based on the discussion of the draft questions, it was determined that the staff needed to review some additional calculations in which the applicant stated that some of the answers to our questions could be found. The staff has scheduled an in-office review for late February 2008 to review those calculations. The planned schedule for formally submitted the RAIs to the applicant is March 2008.

No regulatory decisions were made at the meeting.

The meeting was then adjourned.

January 24, 2008 Fire Protection RAI Meeting Attendees

| | |
|-----------------|--------------|
| David Tiktinsky | NRC |
| Kevin Morrissey | NRC |
| Daniel Tedder | NRC |
| James Downs | NRC |
| Rex Wescott | NRC |
| Dealis Gwyn | MOX Services |
| Lary Rosenblum | MOX Services |
| Bill Hennessy | MOX Services |
| Garrett Smith | NNSA |
| Steve Dolloy | Platts |