

September 30, 2008

MEMORANDUM TO: Margie Kotzalas, Chief  
MOX Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

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

SUBJECT: SUMMARY OF THE MEETING WITH SHAW AREVA MOX  
SERVICES TO DISCUSS DRAFT REQUESTS FOR  
ADDITIONAL INFORMATION RELATED TO MATERIAL  
CONTROL AND ACCOUNTING FOR THE MIXED OXIDE FUEL  
FABRICATION FACILITY TO BE BUILT NEAR AIKEN, SOUTH  
CAROLINA

On June 25, 2008, Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services to discuss the draft requests for additional information related to the Material Control and Accounting portion of the review of the license application to possess and use special nuclear material 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 summary does not contain any Official Use Only material.

Enclosures:

1. Meeting Summary
2. Meeting Attendance List

cc w/o enclosures:

G. Smith, NNSA  
J. Olencz, NNSA  
S. Jenkins, SC Dept. of HEC  
D. Silverman, Esq., MOX Services  
D. Gwyn, MOX Services

A.J. Eggenberger, DNFSB  
L. Zeller, BREDL  
G. Carroll, Nuclear Watch South  
D. Curran, Esq., Nuclear Watch South

CONTACT: David Tiktinsky, NMSS/FCSS  
(301) 492-3229

MEMORANDUM TO: Margie Kotzalas, Chief  
MOX Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

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

SUBJECT: SUMMARY OF THE MEETING WITH SHAW AREVA MOX SERVICES  
TO DISCUSS DRAFT REQUESTS FOR ADDITIONAL INFORMATION  
RELATED TO MATERIAL CONTROL AND ACCOUNTING FOR THE  
MIXED OXIDE FUEL FABRICATION FACILITY TO BE BUILT NEAR  
AIKEN, SOUTH CAROLINA

On June 25, 2008, Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services to discuss the draft requests for additional information related to the Material Control and Accounting portion of the review of the license application to possess and use special nuclear material 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 summary does not contain any official use only material.

Enclosures:

1. Meeting Summary
2. Meeting Attendance List

cc w/o enclosures

G. Smith, NNSA  
J. Olencz, NNSA  
S. Jenkins, SC Dept. of HEC  
D. Silverman, Esq., MOX Services  
D. Gwyn, MOX Services  
A.J. Eggenberger, DNFSB  
L. Zeller, BREDL  
G. Carroll, Nuclear Watch South  
D. Curran, Esq., Nuclear Watch South

CONTACT: David Tiktinsky, NMSS/FCSS  
(301) 492-3229

DISTRIBUTION:

SPTSD r/f  
M. Shannon, RII  
MOX r/f  
W. Gloersen, RII  
D. McIntyre, OPA  
D. Seymour, RII

**ML082590465**

OFFICE	MB	MB	MCAB	MB
NAME	DTiktinsky	CGibbs	TPham	MKotzalas
DATE	9/ /08	9/18/08	9/22/08	9/30/08

**OFFICIAL RECORD COPY**

**SUMMARY OF THE MEETING WITH MOX SERVICES RELATED TO DRAFT RAI'S ON  
MATERIAL CONTROL AND ACCOUNTING FOR THE MIXED OXIDE FUEL FABRICATION  
FACILITY**

DATE                      June 25, 2008

PLACE                     Rockville, MD

ATTENDEES             See Enclosure 2

PURPOSE

The purpose of the meeting was for U.S. Nuclear Regulatory Commission (NRC) staff to present and discuss with Shaw AREVA MOX Services (MOX Services or applicant) personnel the draft requests for additional information (RAI) for Material Control and Accounting area related to the technical review of the Fundamental Nuclear Material Control Plan (FNCP) 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, if necessary, during the course of the applicant's development of their responses in order to review additional documents and to assure that the applicant understands the intent of 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 Material Control and Accounting aspects of Chapter 1 of the FNCP. The draft RAIs covered a wide range of items including: (a) process monitoring; (b) control unit descriptions; (c) sampling programs; (d) aqueous polishing; (e) plutonium decanning, inputs and outputs; (f) sampling; (g) dissolution; (h) measurements; (i) alternate feedstock; (j) MOX processing; (k) primary dosing and blending; (l) rod loading; and (m) laboratory samples.

The planned schedule is to communicate the remainder of the RAIs in a future meeting with the applicant in the fall of 2008.

No regulatory decisions were made at the meeting.

The meeting was then adjourned.

**June 25, 2008 MC&A Meeting Attendees**

David Tiktinsky	NRC
Mike Kelly	NRC
Tom Pham	NRC
Dick Thompson	NRC
Mark Michelson	MOX Services
Wesley Dotson	MOX Services
Kenneth Bristol	MOX Services
David Adkins	MOX Services
Amy Johnson	MOX Services