

June 11, 2012

MEMORANDUM TO: Larry L. Campbell, Chief  
Mixed Oxide and Uranium  
Deconversion Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

FROM: David Tiktinsky, Sr. Project Manager */RA/*  
Mixed Oxide and Uranium  
Deconversion 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 THE PROPOSED RISK RANKING OF  
ITEMS RELIED ON FOR SAFETY AND AUGMENTED QUALITY  
ASSURANCE FOR THE MIXED OXIDE FUEL FABRICATION  
FACILITY UNDER CONSTRUCTION NEAR AIKEN, SOUTH  
CAROLINA

On May 16, 2012, the U.S. Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services to discuss their proposed system to rank items relied upon for safety and use of augmented quality assurance for the Mixed Oxide Fuel Fabrication Facility.

The meeting summary can be found in Enclosure 1. The meeting attendance list can be found in Enclosure 2, the public meeting handout can be found in Enclosure 3, and the Official Use Only handout can be found in Enclosure 4.

When separated from Enclosure 4, this document is decontrolled.
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Enclosures:

1. Summary of meeting
2. Attendees of meeting
3. MOX Project Quality Assurance Plan (MPQAP) Revision 11
4. IROFS Ranking Process

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

**OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION**

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cc: See next page

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<b>OFFICE</b>	FCSS/MODB	FCSS/UEB	FCSS/MODB
<b>NAME</b>	DTiktinsky	TRichmond	LCampbell
<b>DATE</b>	6/5/12	6/8/12	6/11/12

**OFFICIAL RECORD COPY**

cc: w/enclosures:

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K. Cummins, NNSA

S. Jenkins, SC Dept. of HEC

D. Silverman, Esq., MOX Services

D. Gwyn, MOX Services

L. Zeller, BREDL

G. Carroll, Nuclear Watch South

D. Curran, Esq., Nuclear Watch South

SUMMARY OF THE MEETING WITH SHAW AREVA MOX SERVICES RELATED TO THE  
THEIR PROPOSED ITEMS RELIED ON FOR SAFETY RISK RANKING AND AUGMENTED  
QUALITY ASSUANCE PLAN FOR THE MIXED OXIDE FUEL FABRICATION FACILITY

DATE: May 16, 2012  
PLACE: Rockville, Maryland  
ATTENDEES: See Enclosure 2  
PURPOSE:

The purpose of the public meeting was for Shaw AREVA Services (MOX Services or the applicant) personnel to further discuss their revised risk ranking methodology for items relied on for safety (IROFS) and potential changes to the MOX Project Quality Assurance plan (MPQAP) to take into account augmented Quality Assurance (QA) program for lower priority IROFS for the Mixed Oxide Fuel Fabrication Facility (MFFF).

DISCUSSION

MOX Services presented draft changes to the MPQAP that would support the grading of IROFS and the use of augmented QA. The proposed plan would include a section which: a) includes a description of the IROFS risk grading program, b) commercial grade dedication for lower priority IROFS, c) acceptability of commercially available items, d) peer inspection program, and e) performance monitoring, surveillance, and assessments.

MOX Services also provided more details related to the criteria for risk ranking and worked through specific examples. The approach was revised to be more qualitative in nature and includes peer reviews. The purpose of their program is to a) define the relative importance of IROFS to the overall safety criteria; b) identify the IROFS that are a priority; and c) identify lower risk IROFS where augmented QA program could be applied.

The staff had many questions related to the risk ranking methodology and the augmented QA plan. MOX Services will take the comments into account as they prepare their MPQAP revision.

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The meeting concluded with a discussion of future steps including submittal of the MPQAP revision.

No regulatory decisions were made at the meeting.

The meeting was then adjourned.

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**May 16, 2012, Meeting Attendees**

David Tiktinsky	U.S. Nuclear Regulatory Commission (NRC)
Kevin Morrissey	NRC
James Downs	NRC
Sabrina Atack	NRC
Jim Hammelman	NRC
Damaris Marcano	NRC
Soly Soto	NRC
Cinthya Roman	NRC
Courtney St. Peters	NRC
Larry Campbell	NRC
Doug Yates	Shaw AREVA MOX Services (MOX Services)
Dealis Gwyn	MOX Services
Bob Eble	MOX Services
Dave Kehoe	MOX Services
Thanhtan VanOber	NNSA
Jimmie Mulkey	NNSA
Paul Duval	MOX Services
Scott Salzman	MOX Services
Les Duncan	MOX Services

Enclosure 2

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