

June 18, 2009

MEMORANDUM TO: Margie A. Kotzalas, Chief  
Mixed Oxide and Uranium  
Deconversion Branch  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

FROM: Cinthya I. Román, 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 CLOSED MEETING WITH SHAW AREVA MOX  
SERVICES TO DISCUSS DRAFT RESPONSES TO REQUESTS FOR  
ADDITIONAL INFORMATION RELATED TO CHEMICAL SAFETY AND  
ISSUES ASSOCIATED WITH WASTE TRANSFER AT THE MIXED  
OXIDE FUEL FABRICATION FACILITY TO BE BUILT NEAR AIKEN,  
SOUTH CAROLINA

On April 28-29, 2009, the U.S Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services to discuss draft responses to the staff's requests for additional information related to the chemical safety as described in the license application to possess and use special nuclear material for the Mixed Oxide Fuel Fabrication Facility (MFFF). Additionally, the applicant discussed its planned response and supporting documentation related to issues associated with waste transfer at the MFFF.

Please see the enclosed meeting summary (Enclosure 1) and list of attendees for more details (Enclosure 2). The summary does not contain any official use only material.

Enclosures: As stated

cc w/enclosures:

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

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

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SUBJECT: SUMMARY OF THE CLOSED MEETING WITH SHAW AREVA MOX SERVICES TO  
DISCUSS DRAFT RESPONSES TO REQUESTS FOR ADDITIONAL INFORMATION  
RELATED TO CHEMICAL SAFETY AND ISSUES ASSOCIATED WITH WASTE  
TRANSFER AT THE MIXED OXIDE FUEL FABRICATION FACILITY TO BE BUILT  
NEAR AIKEN, SOUTH CAROLINA

On April 28-29, 2009, the U.S Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services to discuss draft responses to the staff's requests for additional information related to the chemical safety as described in the license application to possess and use special nuclear material for the Mixed Oxide Fuel Fabrication Facility (MFFF). Additionally, the applicant discussed its planned response and supporting documentation related to issues associated with waste transfer at the MFFF.

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<b>OFFICE</b>	FCSS/MB	FCSS/MB	FCSS/MB	FCSS/MB
<b>NAME</b>	CRomán	DTiktinsky	CGibbs	MKotzalas
<b>DATE</b>	5/18/09	5/28/09	6/11/09	6/18/09

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SUMMARY OF THE CLOSED MEETING WITH SHAW AREVA MOX SERVICES TO DISCUSS  
DRAFT RESPONSES TO REQUESTS FOR ADDITIONAL INFORMATION RELATED TO  
CHEMICAL SAFETY AND ISSUES ASSOCIATED WITH WASTE TRANSFER AT THE MIXED  
OXIDE FUEL FABRICATION FACILITY

DATE April 28-29, 2009

LOCATION Savannah River Site, Aiken, South Carolina

ATTENDEES See Enclosure 2

PURPOSE

The purpose of the meeting was for the U.S. Nuclear Regulatory Commission (NRC) staff to discuss with Shaw AREVA MOX Services (MOX Services or the applicant) personnel the draft responses to the staff's requests for additional information (RAI) in the chemical safety portion of the license application to possess and use radioactive material and the integrated safety analysis summary for the Mixed Oxide Fuel Fabrication Facility (MFFF). Additionally, the applicant discussed issues associated with waste transfer at the MFFF.

DISCUSSION

The staff's RAIs related to chemical safety included: a) general information related to chemical safety; b) chemical process systems; c) chemical interactions; and d) explosion events.

NRC staff reviewed the preliminary response from the applicant and discussed their expectations regarding the format and content of the RAIs response. Also, NRC staff had the opportunity to review draft supporting documentation related to the applicant's planned response to waste transfer issues.

Another meeting may be conducted before the applicant submits the final RAI responses to ensure their responses meet staff's expectations.

No regulatory decisions were made at the meeting.

LIST OF ATTENDEES  
CHEMICAL SAFETY DRAFT REQUESTS FOR ADDITIONAL  
INFORMATION RESPONSES MEETING

APRIL 28-29, 2009

<u>NAME</u>	<u>ORGANIZATION</u>
Margie Kotzalas	U.S. Nuclear Regulatory Commission/Headquarters (NRC/HQ)
Michael Norato	NRC/HQ
Jonathan De Jesús	NRC/HQ
Katie Wagner	NRC/HQ
Cinthy Román Cuevas	NRC/HQ
Brian Stone	Shaw AREVA MOX Services (MOX Services)
Sven Bader	MOX Services
Paul Duvall	MOX Services
William Hennessy	MOX Services
Dealís Gwyn	MOX Services