

June 4, 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: David H. Tiktinsky, Senior Project Manager /RA/
Mixed Oxide and Uranium
Deconversion Branch
Division of Fuel Cycle Safety
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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 MATERIAL CONTROL
AND ACCOUNTING FOR THE MIXED OXIDE FUEL FABRICATION
FACILITY TO BE BUILT NEAR AIKEN, SOUTH CAROLINA

On May 12-13, 2009, the U.S. Nuclear Regulatory Commission staff met with representatives from Shaw AREVA MOX Services in a closed meeting to discuss their draft responses to the staff's requests for additional information related to the Fundamental Nuclear Material Control Plan for the Mixed Oxide Fuel Fabrication Facility.

Please see the enclosed Meeting Summary for more details (Enclosure 1). The Meeting Attendees list is also enclosed (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	

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DISCUSS DRAFT RESPONSES TO REQUESTS FOR ADDITIONAL INFORMATION
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FUEL FABRICATION FACILITY TO BE BUILT NEAR AIKEN, SOUTH CAROLINA

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DATE	05/29/09	06/04/09	06/04/09

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SUMMARY OF THE MEETING WITH SHAW AREVA MOX SERVICES RELATED TO THE DISCUSSION OF DRAFT RESPONSES TO THE STAFF'S REQUESTS FOR ADDITIONAL INFORMATION ON THE FUNDAMENTAL NUCLEAR MATERIAL CONTROL PLAN FOR THE MIXED OXIDE FUEL FABRICATION FACILITY

DATE May 12-13, 2009

LOCATION Rockville, Maryland

ATTENDEES See Enclosure 2

PURPOSE

The purpose of the meeting was for 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) related to material control and accounting for the Mixed Oxide (MOX) Fuel Fabrication Facility.

DISCUSSION

To facilitate communication between the applicant and the staff, a meeting was held to discuss the applicant's draft responses to the staff's RAIs. The purpose of this meeting was to gain an understanding of how the applicant plans to respond to the RAIs, therefore minimizing rounds of RAIs and facilitating the completion of the staff's technical review.

The staff's RAIs related to Chapter 1 of the Fundamental Nuclear Material Control Plan (FNMCP) 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 RAIs for Chapter 2 through 4 of the FNMCP covered a wide range of items including: (a) item monitoring frequency; (b) storage; (c) item measurement, verification and sampling; (d) laboratory sampling; (e) alarm resolution; (f) alarms; (g) response time; (h) database security and validation; (i) records; (j) quality assurance; (k) training program; (l) measurements; (m) bias measurements; (n) inventory listing; (o) shipper receiver difference evaluation; and (p) inventory control.

NRC staff reviewed the preliminary responses from the applicant and discussed expectations regarding the content of the responses. The applicant expects to submit their final RAI response in summer of 2009.

No regulatory decisions were made at the meeting.

LIST OF ATTENDEES

MATERIAL CONTROL AND ACCOUNTING DRAFT RESPONSES

TO REQUESTS FOR ADDITIONAL INFORMATION

May 12-13, 2009

NAME

ORGANIZATION

David Tiktinsky	U.S. Nuclear Regulatory Commission/Headquarters (NRC/HQ)
Kevin Morrissey	NRC/HQ
Tom Pham	NRC/HQ
Steven Ward	NRC/HQ
Margaret McGaffigan	NRC/HQ
Doug Yates	Shaw AREVA MOX Services (MOX Services)
Dave Adkins	MOX Services
Amy Johnson	MOX Services
Ray Bussey	MOX Services
Dealis Gwyn	MOX Services