

November 9, 2006

MEMORANDUM TO: Joseph G. Giitter, Deputy Director
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
and Safeguards

THRU: Stewart Magruder, Chief
MOX Branch
Special Projects and Technical **/RA/**
Support Directorate, FCSS

FROM: David Tiktinsky, Sr. Project Manager
MOX Branch
Special Projects and Technical **/RA/**
Support Directorate, FCSS

SUBJECT: SUMMARY OF CLOSED MEETING WITH SHAW AREVA MOX
SERVICES TO DISCUSS THE INTEGRATED SAFETY ANALYSIS
SUMMARY FOR THE MIXED OXIDE FUEL FABRICATION FACILITY
TO BE BUILT NEAR AIKEN, SC

On October 26, 2006, Nuclear Regulatory Commission (NRC) staff met with representatives from Shaw Areva MOX Services (MOX Services) to discuss the Integrated Safety Analysis Summary for the Mixed Oxide Fuel Fabrication Facility (MFFF). The meeting was closed to the public, due to the sensitive nature of the information that was discussed. Please see the enclosed meeting summary for more details (Enclosure 1). The meeting attendance list is also enclosed (Enclosures 2). The meeting summary does not contain any proprietary or security related information.

Enclosures:
1. Meeting Summary
2. List of Attendees

Summary of Meeting with MOX Services to Discuss the License Application and Integrated Safety Analysis Summary for the Mixed Oxide Fuel Fabrication Facility

Date: October 26, 2006

Place: U.S. Nuclear Regulatory Commission Headquarters Offices; Rockville, Maryland

Attendees: See Enclosure 2

Purpose:

The purpose of this meeting was to discuss the methodology used in the Integrated Safety Analysis (ISA) Summary submitted by Shaw Areva Mox Services (MOX Services) and to demonstrate to the staff how the methodology has been applied using specific examples.

Discussion:

This meeting was closed to the public due to the sensitive information discussed.

After introductions by both Mr. David Tiktinsky of the NRC and Dealis Gwyn of MOX Services, Mr. Bill Hennessy of MOX Services opened the meeting by providing a detailed overview of the overall Integrated Safety Analysis process that was used by MOX Services for the MFFF. This included a discussion of likelihood definitions and the ISA methodology. The general ISA methodology discussion was followed by presentations by three other MOX Services staff in order to show how MOX Services had applied the ISA methodology. Specific examples of accident sequences related to criticality events, fire events, and explosion events due to chemical related sequences were presented to the staff.

The acceptance/acknowledgment review of the License Application and the ISA Summary by the NRC is continuing and is due to be complete by the end of November 2006. This meeting helped the staff better understand the methodology that was employed by MOX Services in the development of the ISA Summary.

No regulatory decisions were made at the meeting. Additional discussions related to the ISA Summary are anticipated as the NRC continues its review of the application and ISA Summary.

The meeting was then adjourned.

October 26, 2006 Closed ISA Summary Meeting Attendees

• Norma Garcia Santos	NRC
• Cinthya Roman-Cuevos	NRC
• Kenneth Armstrong	NRC
• Paul Bell	NRC
• Richard Chang	NRC
• Michael A. Lamastra	NRC
• Rex Wescott	NRC
• Jim Downs	NRC
• William Troskoski	NRC
• Christopher S. Tripp	NRC
• Tim Johnson	NRC
• Tom R. Allen	NRC
• Diana Diaz-Toro	NRC
• Fred Burrows	NRC
• David Tiktinsky	NRC
• Scott Salzman	MOX Services
• Walt Elliott	MOX Services
• Bill Hennessy	MOX Services
• Bob Foster	MOX Services
• Dealis Gwyn	MOX Services
• Garrett Smith	DOE
• Vincent Zabielski	Morgan Lewis

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MOX Branch
Special Projects and Technical /RA/
Support Directorate, FCSS

FROM: David Tiktinsky, Sr. Project Manager
MOX Branch
Special Projects and Technical /RA/
Support Directorate, FCSS

SUBJECT: SUMMARY OF CLOSED MEETING WITH DUKE COGEMA STONE &
WEBSTER TO DISCUSS THE INTEGRATED SAFETY ANALYSIS SUMMARY
FOR THE MIXED OXIDE FUEL FABRICATION FACILITY TO BE BUILT NEAR
AIKEN, SC

On October 26, 2006, Nuclear Regulatory Commission (NRC) staff met with representatives from Shaw Areva MOX Services (MOX Services) to discuss the Integrated Safety Analysis Summary for the Mixed Oxide Fuel Fabrication Facility (MFFF). The meeting was closed to the public, due to the sensitive nature of the information that was discussed. Please see the enclosed meeting summary for more details (Enclosure 1). The meeting attendance list is also enclosed (Enclosures 2). The meeting summary does not contain any proprietary or security related information.

Enclosures:

1. Meeting Summary
2. List of Attendees

cc: G. Smith, NNSA A.J. Eggenberger, DNFSB R. Virgilio, FSME
J. Olencz, DOE L. Zeller, BREDL
H. Porter, SC Dept. Of HEC G. Carroll, GANE
D. Silverman, Esq., DCS D. Curran, Esq., GANE
M. Shannon, RII W. Gloersen, RII
D. Ayres, RII D. McIntyre, OPA

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VBarnes/RES TJohnson/NMSS PYadav/NMSS CHrabal/NMSS
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DATE	11/ 2 /06		11/ 3 /06		11/ 9 /06			

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