

April 2, 2007

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

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

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

SUBJECT: SUMMARY OF THE KICKOFF MEETING WITH SHAW AREVA MOX
SERVICES ON THE CIVIL/STRUCTURAL REVIEW OF THE
INTEGRATED SAFETY ANALYSIS SUMMARY AND LICENSE
APPLICATION FOR THE MIXED OXIDE FUEL FABRICATION
FACILITY TO BE BUILT NEAR AIKEN, SC

On March 13, 2007, Nuclear Regulatory Commission (NRC) staff met with representatives from Shaw Areva MOX Services (MOX Services) to kickoff the civil/structural review of the Integrated Safety Analysis (ISA) Summary and License Application for the Mixed Oxide Fuel Fabrication Facility (MFFF). Please see the enclosed meeting summary for more details (Enclosure 1). The meeting attendance list is also enclosed (Enclosure 2). I have also enclosed the handouts provided by MOX Services during the meeting (Enclosure 3).

Enclosures:
1. Meeting Summary
2. List of Attendees
3. Meeting Handout

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SUBJECT: SUMMARY OF THE KICKOFF MEETING WITH SHAW AREVA MOX
SERVICES ON THE CIVIL/STRUCTURAL REVIEW OF THE INTEGRATED
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Enclosures:

1. Meeting Summary
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3. Meeting Handout

cc: G. Smith, NNSA
J. Olencz, NNSA
H. Porter, SC Dept. Of HEC
D. Silverman, Esq., MOX Services
D. Gwyn, MOX Services

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DATE	3/29/07	3/30/07	4/02/07

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SUMMARY OF MEETING WITH MOX SERVICES TO KICKOFF THE CIVIL/STRUCTURAL
TECHNICAL REVIEW OF THE INTEGRATED SAFETY ANALYSIS SUMMARY AND LICENSE
APPLICATION FOR THE MIXED OXIDE FUEL FABRICATION FACILITY

Date: March 13, 2007

Place: Aiken Federal Meeting, Aiken, SC

Attendees: See Enclosure 2

Purpose:

The purpose of this meeting was to kickoff the civil/structural technical review of the Integrated Safety Analysis (ISA) Summary and the License Application (LA).

Discussion:

Portions of this meeting were to be closed to the public due to the sensitive information discussed. However, no members of the public were in attendance.

After introductions by both the NRC and MOX Services, the applicant began by discussing the design process for the Mixed Oxide Fuel Fabrication Facility (MFFF) and the natural phenomena hazards design bases.

The design process consist of several steps. The first step is the design requirements document, functional classification lists, deviation logs, and the basis of design documents. The next step was to evaluate reference plant data from the AREVA Melox and LaHague facilities in France. The preliminary design and design basis were then developed. Then the design detail documents and design output documents were prepared; this was followed by the licensing documents (LA and ISA). The other steps in the design process were the development of procedures and the configuration management plan, including change controls.

The applicant then discussed the natural phenomena hazards design bases. MOX Services provided a series of tables showing that the natural phenomena hazards criteria that were included in the Construction Authorization Request had not changed and were consistent with the LA and ISA.

No regulatory decisions were made at the meeting. Additional discussions related to the details of the design were discussed in an on-site review which was held during the same week.

The meeting was then adjourned.

March 13, 2007 Civil/Structural Review Kickoff Meeting Attendees

- David Tiktinsky NRC
- Roger Alley MOX Services
- Sam Glenn NNSA/DOE
- James Adair MOX Services
- John Contardi DNFSB
- Mel Shannon NRC
- Asad Chowdhury SWRI
- Simon Hsiung SWRI
- Bisnagit Dasgupta SWRI
- Joseph Tapia NRC
- Om Mendiratta MOX Services
- Walt Elliott MOX Services
- Bill Hennessy MOX Services
- Dealis Gwyn MOX Services
- Don Williams ORNL