May 7, 2007

CLOSED MEETING NOTICE

Applicant:	Shaw AREVA MOX Services (MOX Services) P.O. Box 7097 Aiken, SC 29804-7097
Docket:	70-3098
Date and Time:	May 17, 2007, 8:30 A.M to 12:00 P. M. (Chemical Safety, Integrated Safety Analyses Summary (ISAS), and Management Measures review kickoff meeting)
Location:	U.S. Nuclear Regulatory Commission Two White Flint North, Room T-8-C-5 11545 Rockville Pike Rockville, Maryland 20852
Purpose:	For MOX Services and the NRC staff to discuss items related to the chemical safety aspects of the technical review of the License Application and the ISAS for the Mixed Oxide Fuel Fabrication Facility, to be located in Aiken, South Carolina.
NRC Attendees:	D. Tiktinsky, S. Magruder, and project staff
Contact:	D. Tiktinsky; 301-415-6195; dht@nrc.gov

NOTE: NRC Meetings are open for interested members of the public to attend pursuant to the "Enhanced Public Participation in NRC Meetings; Policy Statement," 67 *Federal Register* 36920, May 28, 2002. This meeting will be **closed** to the public due to the sensitive nature of the information being discussed.

Enclosure: Meeting agenda

cc: G. Smith, NNSA
J. Olencz, NNSA
H. Porter, SC Dept. Of HEC
D. Silverman, Esq., MOX Services
A.J. Eggenberger, DNFSB
L. Zeller, BREDL
G. Carroll, Nuclear Watch South
D. Curran, Esq., Nuclear Watch South

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Name	DTiktinsky	LWilliamson	SMagruder
Date	05/3/07	05/4/07	05/3/07

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Agenda for the Closed Kickoff Meeting for the Chemical Safety, ISA summary, and Management Measures review

May 17, 2007 8:30 A.M. to 12:00 P.M.
T-8C5

- Discussion of the need for a crosswalk explaining the translation of principle structures, systems and components (PSSC) (from the Construction Authorization) to items relied upon for safety (IROFS) in the ISA summary.

- Discussion of IROFS boundaries.

- Discussion of the concept of defense-in-depth and how it is implemented to those safety controls considered IROFS and non-IROFS (Management Measures).

- Select one event type and group (e.g., explosions) and discuss the following:

    a. PSSCs to IROFS crosswalk
    b. Identify and provide the changes and deviations from the CAR
    c. Identify IROFS boundary
    d. Identify the specific management measures applied to each IROFS within the boundary
    e. Identify how reliability is achieved in each portion of the IROFS within the boundary.
    f. Identify codes and standards credited for the components of the IROFS
    g. Identify the specific safety limits and parameters and cross walk to the specific IROFS

- Discuss each standard review plan (SRP) criteria for chemical safety addressed by MOX Services in succinct manner. The applicant should provide an example to explain how it followed the commitments in the CAR, Final Safety Evaluation Report (FSER), and the guidance in NUREG-1718

- Discuss the analysis of operating experience from similar PUREX processes at other facilities (Hanford, SRS, foreign) to support assumptions related to component and human failures and their related frequency (e.g., leak from piping, slab settlers).

- Discussion of an example of the material transfer protocol.

- Identify assumptions and rationale for limiting the effects of accident sequence coupling/cascading.

- Discuss the feed (i.e., PDCF and alternate feedstock) and waste stream specification bases and effects of possible external interruptions.