

May 23, 2007

**MEETING NOTICE**

Applicant: Shaw AREVA MOX Services (MOX Services)  
P.O. Box 7097  
Aiken, SC 29804-7097

Docket: 70-3098

Date and Time: \*June 14, 2007, 9:00 A.M to 12:00 P.M. (Electrical and Instrumentation and Control review kickoff meeting)  
  
\*June 14, 2007, 1:00 P.M. to 4:00 P.M. (Human Factors review kickoff meeting)

Location: U.S. Nuclear Regulatory Commission  
Two White Flint North, Room T-2-B-5  
11545 Rockville Pike  
Rockville, Maryland 20852

Purpose: For MOX Services and the Nuclear Regulatory Commission staff to discuss items related to the early phases of the technical review of the License Application and the Integrated Safety Analyses (ISA) Summary 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

Category: Category 1 Meeting: The public is invited to observe this meeting and will have one or more opportunities to communicate with the NRC after the business portion, but before the meeting is adjourned.\*

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.

\*Significant portions of these meetings will be closed to the public due to the discussion of proprietary information and Official Use Only - Security Related Information.

Enclosure: Meeting agenda

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

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Docket 70-3098 M. Shannon, RII W. Gloersen, RII D. Ayres, RII  
D. McIntyre, OPA W. Troskoski, FCSS M. Boggi, RES  
F. Burrows, FCSS M. Waterman, RES R. Virgilio, FSME PMNS (Public Mtg. Coordinator)

**ML071420121**

Office	SPB	SPB	SPB
Name	DTiktinsky	LWilliamson	SMagruder
Date	05/22 /07	05/ 22 /07	05/22/07

**OFFICIAL RECORD COPY**

Agenda for Kickoff Meetings for the Electrical, and Instrumentation and Control review Kickoff Meeting for the Mixed Oxide Fuel Fabrication Facility

**June 14, 2007 9:00 A.M to 12:00 P.M.**

**T-2-B-5**

- Discussion of the design of the mixed oxide electrical system with respect to electrical oneline diagrams.
- Discuss typical designs of a hardwired items relied on for safety and digital IROFS.
- Discuss how the requirements of the IEEE standards are implemented in the MOX design.
- Discuss how the 3 Baseline Design Criteria (4, 7, and 10) are met by the electrical and I&C designs, as appropriate.
- Specifically discuss the environmental and dynamic effects baseline design criteria (BDC #4). This topic maybe a specific challenge since the applicable IEEE standard relates more to a nuclear power plant than a MOX facility. Questions needing answering in the future may focus on whether the MOX facility has a "harsh" environment.

\*Note that significant portions of this kickoff meeting are anticipated to be either "proprietary or Official Use Only - Security Related Information" and those portions of the meeting will be closed to the public.

Agenda for Kickoff Meeting for the Human Factors Review for the Mixed Oxide Fuel Fabrication Facility

**June 14, 2007 1:00 to 4:00 P.M.**

**T-2-B-5**

Items for discussion at the kickoff meeting:

- Discuss MOX Services Human Factors implementation plan.
- NRC will lead a discussion of the Human Factors NUREG's, particularly NUREG 0711, Rev. 2.
- Discussion of acceptance review findings and draft document that was prepared by Brookhaven National Laboratories.
- Discussion of the scope of human factors engineering in the Integrated Safety Analysis summary including engineered IROFS and defense-in-depth features.

\*Note that significant portions of this kickoff meeting are anticipated to be either "proprietary or Official Use Only - Security Related Information" and those portions of the meeting will be closed to the public.