

CLOSED MEETING NOTICE

November 20, 2012

Organization: AREVA Federal Services LLC (AREVA)
7207 IBM Drive, CLT-1D
Charlotte, North Carolina 28262

U.S. Department of Energy (DOE)
1000 Independence Ave., SW
Washington, District of Columbia 20585

Dockets: N/A

Date and Time: December 10-11, 2012, 8:30 A.M. – 12:30 P.M.

Location: Center for Nuclear Waste Regulatory Analysis (CNWRA)
6220 Culebra Road
San Antonio, Texas 78238-5166

Purpose: The U.S. Nuclear Regulatory Commission (NRC) is assessing hazards and risks associated with aqueous reprocessing to (1) provide DOE regulatory input to its Advanced Fuel Cycle Research and Development (R&D) Program, which includes spent nuclear fuel separations and waste forms, and (2) further develop the draft regulatory basis for reprocessing safety and risk assessments regulatory gap contained in Chapter 2 of the NRC's Draft Regulatory Basis for Licensing and Regulating Reprocessing Facilities dated November 2011 [Agency wide Documents Access and Management System (ADAMS) Accession No. ML112081702]. To address both cases, for aqueous reprocessing, the NRC is developing (1) conceptual process flow diagrams with mass balances and (2) reference design descriptions for a reprocessing facility that co-extracts uranium and plutonium from spent nuclear fuel, immobilizes and stores high-level waste, and fabricates mixed oxide fuel. In addition, for the reference aqueous reprocessing facility, the NRC is conducting (1) accident consequence assessments and (2) limited quantitative risk assessments. A significant amount of information needed for the activities listed above is unavailable in open literature. The NRC intends to address its information needs in this meeting with AREVA and DOE.

Outcome: Obtain information that will enable the NRC to complete conceptual mass flow diagrams and reference facility design descriptions, and conduct accident consequence and limited risk assessments for the reference aqueous reprocessing facility.

Process: Discuss data needs and assumptions used by the NRC for developing aqueous reprocessing process flow diagrams and reference facility design descriptions, and for conducting consequence and limited risk assessments.

CLOSED MEETING NOTICE

NRC Attendees: J. Guttman, Y. Faraz

AREVA Attendees: S. Bader, G. Senentz

CNWRA Attendees: Y. Pan, B. Dasgupta, S. Hsuing, G. Adams, P. Shukla, J. Myers, E. Tipton, et. al.

DOE Attendees: J. Bresee, T. Todd

Contact: Y. Faraz; 301-492-3207; Yawar.Faraz@nrc.gov

Category: Not Applicable

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 members of the public due to the sensitive nature of design and operational safety information pertaining to AREVA's La Hague and MELOX facilities to be discussed pursuant to 10 CFR 2.390(a)(4) and (a)(5).

Attachment: Meeting Agenda

CLOSED MEETING NOTICE

NRC Attendees: J. Guttman, Y. Faraz

AREVA Attendees: S. Bader, G. Senentz

CNWRA Attendees: Y. Pan, B. Dasgupta, S. Hsuing, G. Adams, P. Shukla, J. Myers, E. Tipton, et. al.

DOE Attendees: J. Bresee, T. Todd

Contact: Y. Faraz; 301-492-3207; Yawar.Faraz@nrc.gov

Category: Not Applicable

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 members of the public due to the sensitive nature of design and operational safety information pertaining to AREVA's La Hague and MELOX facilities to be discussed pursuant to 10 CFR 2.390(a)(4) and (a)(5).

Attachment: Meeting Agenda

DISTRIBUTION

SFAS r/f EB r/f

CHaney, NMSS SMOore, NMSS WOtt, RES DMcIntyre, OPA SSmith, NMSS
TMatula, SFAS AGrey, SFAS JArce, SFAS PReed, RES WReed, RES

ML12307A400

Office	GCFLS	SFAS	OGC	SFAS
Name	YFaraz	JGuttman	DLenehan	LKokajko
Date	11/1/12	11/2/12	11/7/12	11/14/12

OFFICIAL RECORD COPY

MEETING AGENDA

December 10, 2012

8:30 AM – 8:40 AM Introduction

8:40 AM – 4:30 PM Discussion (All)

(1) Review the process flow diagrams with mass balances

(2) Review the reference facility design descriptions

(3) Discuss consequence assessments

(4) Discuss limited risk assessments

December 11, 2012

8:30 AM – 12:30 PM Continue reviews and discussions