

November 19, 2009

MEMORANDUM TO: Marissa G. Bailey, Deputy Director
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

THRU: Thomas Hiltz, Chief **/RA/**
Advanced Fuel Cycle, Enrichment,
and Uranium Conversion Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

FROM: M. Breeda Reilly, Senior Project Manager **/RA/**
Advanced Fuel Cycle, Enrichment,
and Uranium Conversion Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: NOVEMBER 5, 2009, MEETING WITH DEPARTMENT OF
ENERGY STAFF TO DISCUSS GENERAL SAFEGUARDS
CONCEPTS FOR GAS CENTRIFUGE ENRICHMENT PLANTS
RELATED TO AREVA ENRICHMENT SERVICES' APPLICATION
FOR A GAS CENTRIFUGE URANIUM ENRICHMENT FACILITY
PROPOSED TO BE CONSTRUCTED IN BONNEVILLE
COUNTY, IDAHO

On November 5, 2009, the U.S. Nuclear Regulatory Commission staff met with the U.S. Department of Energy and AREVA Enrichment Services LLC for a presentation by DOE on safeguards by design for gas centrifuge enrichment plants. Enclosed is the meeting summary and DOE's presentation slides. The enclosure contains no proprietary or classified information.

CONTACT: Breeda Reilly, NMSS/FCSS
301-492-3110

Docket No.: 70-7015

Enclosure: Meeting Summary

cc: Mr. George Harper
Vice President of Engineering
AREVA Enrichment Services
400 Donald Lynch Blvd.
Marlborough, MA 01752

James A. Kay, Licensing Manager
Eagle Rock Enrichment Facility
AREVA Enrichment Services
400 Donald Lynch Blvd.
Marlborough, MA 01752

Sam Shakir, President and CEO
AREVA Enrichment Services
One Bethesda Center
4800 Hampden Lane, Suite 1100
Bethesda, MD 20814

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OFC	AFCB		FMB		AFCB	
NAME	BReilly		THristopoulos		THiltz	
DATE	11/09/09		11/12/09		11/19/09	

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**Summary of
Meeting with Department of Energy and
AREVA Enrichment Services**

DATE: November 5, 2009

PLACE: U.S. Nuclear Regulatory Commission (NRC)
Rockville, MD

ATTENDEES: See Attachment 1

PURPOSE:

The purpose of this meeting was to discuss general safeguards concepts for gas centrifuge enrichment plants related to AREVA Enrichment Services LLC (AES's) application for a gas centrifuge uranium enrichment facility proposed to be constructed in Bonneville County, Idaho. The meeting agenda is attached (Attachment 2).

DISCUSSION:

The U.S. Department of Energy (DOE) staff provided a presentation on safeguards by design (SBD) for gas centrifuge enrichment plants. A copy of the slide presentation is attached (Attachment 3).

After the presentation, members of the public were asked for additional questions or comments. There were no additional questions or comments.

Attachments:

1. Meeting Attendees
2. Meeting Agenda
3. Presentation Slides



MEETING SIGN IN

**Meeting: Department of Energy Presentation on Safeguards by Design for AREVA
Enrichment Services**

Date: November 5, 2009

Time: 1:00 pm to 3:30 pm

NAME	ORGANIZATION
Dunbar Lockwood	DOE/NNSA
Michael Whitaker	ORNL
Stephen Lemont	NRC
Santiago Aguilar	NRC
Harold Eichenhilz	NRC
Tom Hiltz	NRC
Michael Tschiltz	NRC
Gary Langlie	NRC
J. Keith Everly	NRC/NSIR
Ty Naquin	NRC/NMSS/UEB
Tom Grice	NRC/NMSS
Jack Rollins	LES/NEF
Eddie Chalk	DOE
Donald Seyler	DOE
Troy O'Baker	DOE
Brian Horn	NRC

NAME	ORGANIZATION
Eric Freeman	NRC-MCA3
Breeda Reilly	NRC-NMSS
Don Parker	AES
Jim Kay	AES
Jane Marshall	NRC-NMSS
Scott DeMuth	LANL/NA-243
Brian Boyer	LANL
By phone:	
Amy Taylor	Regional Director for Sen. Jim Risch
Leslie Huddleston	Regional Director for Sen. Mike Crapo
Laurel Sayer	Regional Director for Rep. Simpson

AGENDA

Department of Energy Presentation on Safeguards by Design for AREVA Enrichment Services

**6003 Executive Boulevard, Room 2-E-01
November 5, 2009
1:00-3:30 P.M.**

- | | |
|----------|---|
| 1:00 p.m | Purpose/Introductions |
| 1:15 p.m | Discussion of general safeguards concepts for gas centrifuge enrichment plants and safeguards by design |
| 2:15 p.m | Questions or comments from the public |
| 2:30 p.m | Closed portion of meeting |
| 3:30 p.m | Adjourn |