

April 17, 2009

MEMORANDUM TO: Margie Kotzalas, Chief
MOX Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

FROM: David Tiktinsky, Senior Project Manager
MOX Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: IN-OFFICE REVIEW SUMMARIES: MIXED OXIDE FUEL
FABRICATION FACILITY (CHEMICAL SAFETY)

On May 20-22, July 30-31, August 21, September 9, September 30-October 2, October 1-2, October 14-15, October 28, November 18, and December 9-10, 2008, and January 27-29, 2009, the U.S. Nuclear Regulatory Commission staff conducted in-office reviews at the Shaw AREVA MOX Services offices in Bethesda, Maryland regarding the various aspects of chemical safety of the license application for the Mixed Oxide Fuel Fabrication Facility.

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I am attaching the in-office review summaries for your use. These summaries are Official Use Only because they contain security-related information and proprietary information.

Docket: 70-3098

Enclosures:

1. In-Office Review Summary for May 20-22, July 30-31, and August 21, 2008, related to azides (OUO)
2. In-Office Review Summary for September 9, October 1-2, October 14-15, and October 28, 2008 related to azides (OUO)
3. In-Office Review Summary for September 30, 2008-October 2, 2008, related to radiolysis events (OUO)
4. In-Office Review Summary for August 21, 2008 related to HAN events (OUO)
5. In-Office Review Summary for November 18-20, 2008 related to HAN events (OUO)
6. In-Office Review Summary for November 18, 2008 related to off gas treatment events (OUO)
7. In-Office Review Summary for December 09-10, 2008 & January 27-29, 2009 related to off gas treatment events (OUO)

cc w/o enclosures:

D. Curran, Esq., Nuclear Watch South
A.J. Eggenberger, DNFSB
S. Jenkins, SC Dept. of HEC
G. Carroll, Nuclear Watch South
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J. Olencz, NNSA
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