

January 24, 2008

MEMORANDUM: Margie Kotzalas, Chief
MOX Branch
Special Projects and Technical
Support Directorate
Division of Fuel Cycle Safety
and Safeguards

FROM: David Tiktinsky, Senior Project Manager
MOX Branch
Special Projects and Technical /RA/
Support Directorate
Division of Fuel Cycle Safety
and Safeguards

SUBJECT: SEPTEMBER 4-6, OCTOBER 2-4, AND OCTOBER 30-NOVEMBER 1,
2007, IN-OFFICE REVIEW SUMMARY: MIXED OXIDE FUEL
FABRRICATION FACILITY (CHEMICAL SAFETY REVIEW)

On September 4-6, October 2-4, and October 30-November 1, 2007, U.S. Nuclear Regulatory Commission (NRC) staff conducted in-office reviews at the Shaw AREVA MOX Services offices in Bethesda, MD. The focus of these reviews was the safety of the proposed use of hydroxylamine nitrate (HAN), hydrazine, and hydrazoic acid. These reviews were part of the Integrated Safety Analyses (ISA) for the Mixed Oxide Fuel Fabrication Facility. I am attaching the in-office review summary for your use. This summary is Official Use Only – Proprietary and Security Related Information.

Docket: 70-3098

Enclosure:
MOX Services In-Office
Review Summary (OUO)

CONTACT: Daniel Tedder, NMSS/FCSS
(301) 492-3228

cc: w/o enclosure: D. Gwyn, MOX Services G. Smith, NNSA
A.J. Eggenberger, DNFSB J. Olencz, NNSA M. Moore, SC Dept. Of HEC
L. Zeller, BREDL D. Silverman, MOX Services D. Curran, Nuclear Watch So.
G. Carroll, Nuclear Watch So.

When separated from enclosure, handle as non-sensitive

MEMORANDUM: Margie Kotzalas, Chief
 MOX Branch
 Special Projects and Technical
 Support Directorate
 Division of Fuel Cycle Safety
 and Safeguards

FROM: David Tiktinsky, Senior Project Manager
 MOX Branch
 Special Projects and Technical /RA/
 Support Directorate
 Division of Fuel Cycle Safety
 and Safeguards

SUBJECT: SEPTEMBER 4-6, OCTOBER 2-4, AND OCTOBER 30-NOVEMBER 1,
 2007, IN-OFFICE REVIEW SUMMARY: MIXED OXIDE FUEL
 FABRRICATION FACILITY (CHEMICAL SAFETY REVIEW)

On September 4-6, October 2-4, and October 30-November 1, 2007, U.S. Nuclear Regulatory Commission (NRC) staff conducted in-office reviews at the Shaw AREVA MOX Services offices in Bethesda, MD. The focus of these reviews was the safety of the proposed use of hydroxylamine nitrate (HAN), hydrazine, and hydrazoic acid. These reviews were part of the Integrated Safety Analyses (ISA) for the Mixed Oxide Fuel Fabrication Facility. I am attaching the in-office review summary for your use. This summary is Official Use Only – Proprietary and Security Related Information.

Docket: 70-3098

Enclosure:
 MOX Services In-Office
 Review Summary (OUO)

cc: w/o enclosure: D. Gwyn, MOX Services G. Smith, NNSA
 A.J. Eggenberger, DNFSB J. Olencz, NNSA M. Moore, SC Dept. Of HEC
 L. Zeller, BREDL D. Silverman, MOX Services D. Curran, Nuclear Watch So.
 G. Carroll, Nuclear Watch So.

ML080040071

OFC	MB/SPTSD/FCSS	ECB/FFLD/FCSS	MB/SPTSD/FCSS	MS/SPTSD/FCSS
NAME	DTedder	LWilliamson	DTiktinsky	MKotzalas
DATE	01/ 4 /08	01/ 4 /08	01/ 4 /08	01/ 24 /08

OFFICIAL RECORD COPY