

August 14, 2007

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 Support Directorate \RA\
Division of Fuel Cycle Safety
and Safeguards

SUBJECT: ON-SITE REVIEW SUMMARY: MIXED OXIDE FUEL FABRICATION
FACILITY (MECHANICAL SYSTEMS REVIEW)

On June 19 to 20, 2007, U.S. Nuclear Regulatory Commission (NRC) staff conducted an on-site review at Shaw AREVA MOX Services (MOX Services) in Aiken, SC of the license application specific to mechanical systems for the Mixed Oxide Fuel Fabrication Facility. I am enclosing the on-site review summary for your use (Enclosure 1). I am also enclosing the meeting handouts (Enclosures 2-4) which contain Official Use Only - Security Related and Proprietary Information.

CONTACT: D. Tiktinsky, NMSS/FCSS
(301) 492-3229

Docket No.: 70-3098

Enclosures:

- 1) Mechanical Systems On-Site Review Summary (Non-Sensitive)
- 2) Aqueous Polishing Process Summary (OUO-SRI and Proprietary)
- 3) MOX Processing Process Summary (OUO-SRI and Proprietary)
- 4) Support Systems Process Summary (OUO-SRI and Proprietary)

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M. Shannon, RII	W. Gloersen, RII	D. Ayres, RII
D. McIntyre, OPA	K. Armstrong, FCSS	D. Gwyn, MOX Services

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OFFICE	MB		FCSS		FCSS		MB	
NAME	DTiktinsky		LWilliamson		ISpivack		MKotzalas	
DATE	8/ 02 /07		8/ 06 /07		8/ 02 /07		8/14 /07	

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