

February 26, 2009

Mr. Dealis W. Gwyn, Licensing Manager  
Shaw AREVA MOX Services  
P.O. Box 7097  
Aiken, SC 29804-7097

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING THE REVIEW OF  
THE FUNDAMENTAL NUCLEAR MATERIAL CONTROL PLAN FOR THE  
MIXED OXIDE FUEL FABRICATION FACILITY LICENSE APPLICATION  
REQUEST

Dear Mr. Gwyn:

We have reviewed the information contained in your Fundamental Nuclear Material Control Program dated September 27, 2006. The submittal relates to a request for a license, to possess and use, special nuclear, source, and by-product material in the Mixed Oxide Fuel Fabrication Facility (MFFF). The MFFF, which is to be located on the U.S. Department of Energy's Savannah River site in Aiken, South Carolina, will process and fabricate mixed oxide fuel for use in commercial nuclear power plants as part of the plutonium disposition program.

We have enclosed a listing of additional information that is needed by the staff in order to complete the review of the material control and accounting aspects of the MFFF. Please provide us with a summary document relating how our questions were addressed and any other changes to other licensing documents that may have been necessary to incorporate the responses. The revisions should be provided within 90 days of the date of this letter.

In accordance with 10 CFR 2.390, of the U. S. Nuclear Regulatory Commission's (NRC's) "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

D. Gwyn

2

If you have any questions, we would be happy to meet with you and other Shaw AREVA MOX Services staff on these issues. Please contact me at (301) 492-3229.

Sincerely,

*/RA/*

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

Docket: 70-3098

Enclosure:  
Request for Additional Information (OUO-SRI)

cc w/o enclosure:

S. Glenn, NNSA/SRC	A.J. Eggenberger, DNFSB
J. Olencz, DOE	L. Zeller, BREDL
S. Jenkins, SC Dept. of HEC	G. Carroll, NWS
D. Curran, Esq., NWS	D. Silverman, Esq.
D. McIntyre, OPA	D. Gwyn, MOX Services

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D. Curran, Esq., NWS	D. Silverman, Esq.
D. McIntyre, OPA	D. Gwyn, MOX Services

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R. Virgilio, FSME	M. Shannon, RII	D. Seymour, RII

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<b>OFFICE</b>	FCSS/MODB		FCSS/MODB		FCSS/MCAB		FCSS/MODB	
<b>NAME</b>	DTiktinsky		CGibbs		TPham		MKotzalas	
<b>DATE</b>	1/28/09		2/26/09		2/24/09		1/26/09	

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