

~~CONFIDENTIAL RD~~



■ 1205 banner hill road ■ erwin, tn 37650 ■ phone 423 742 9141
■ www.nuclearfuelservices.com

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

30Y-09-0146
GOV-01-55-04
NFE-09-0419
ACF-09-0290
Page 1 of 2

September 30, 2009

Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Caller Box 2500
Rockville, MD 20352

REFERENCE: (1) Docket No. 70-143; SNM License 124
(2) HEU FNMC Plan General Discussion, Revision 9, September 2009
(2) HEU FNMC Plan, Section 1, Revision 25, September 2009
(3) HEU FNMC Plan, Section 4, Revision 19, September 2009
(4) HEU FNMC Plan, Annex D, Revision 4, September 2009

Subject: HEU FNMC Plan Changes (U)

Dear Sir:

Enclosed are three copies of the referenced General Discussion, Section 1, Section 4 and Annex D of Nuclear Fuel Services' Fundamental Nuclear Material Control Plan (10 CFR Part 74 Subpart E), that are being submitted under the provisions of 10 CFR Part 70.32.

The General Discussion section was revised to include plutonium (Pu) decommissioning and a revised plant layout. Section 1 was revised to include additional processing information and the NDA system used for Pu decommissioning measurements. Section 4 was revised to include management title changes and additions for the Pu decommissioning MC&A program.

Annex D was revised to include organizational diagram changes and table additions related to the new Pu decommissioning NDA system. The Annexes to this Plan are submitted to provide supplementary information and are not to be incorporated as a condition of the license according to NUREG-1280.

**UNCLASSIFIED WHEN CLASSIFIED
ENCLOSURE(S) IS REMOVED**

~~CONFIDENTIAL RD~~

30Y-09-0146
GOV-01-55-04
NFE-09-0419
ACF-09-0290
Page 2 of 2

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

None of the changes decrease the effectiveness of the overall material control and accounting program or the measurement control program implemented pursuant to 10 CFR Part 74 Subpart E.

The following safeguards license conditions are either obsolete or have been incorporated into the FNMC Plan and should be deleted.

Condition	Reason for Removal
SG-3.1	Obsolete Plan reference
SG-4.3	Expired on June 5, 2000
SG-4.28	Expired on July 23, 2002
SG-4.29	Condition no longer exists
SG-4.32	Shipment of this material is complete
SG-4.35	Inventory referenced in this condition is complete
SG-5.3	Pu Decommissioning incorporated into the FNMC Plan
SG-5.3.1	Pu Decommissioning incorporated into the FNMC Plan
SG-5.3.2	Storage of significant amounts of Pu is no longer needed

The enclosures to this letter contain **CONFIDENTIAL RESTRICTED DATA**. Since a disclosure of the information contained in the attachments to this letter would tend to weaken the safeguards and security measures and is deemed commercial and financial proprietary information within the intent of 10 CFR 9.17(a)(4), it should be withheld from public disclosure under the provisions of 10 CFR 2.390(d).

Sincerely,

NUCLEAR FUEL SERVICES, INC.


for B. Marie Moore
Director
Safety & Regulatory

/dkw
Enclosures

**UNCLASSIFIED WHEN CLASSIFIED
ENCLOSURE(S) IS REMOVED**