



NUCLEAR FUEL SERVICES, INC.
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**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

October 5, 2012

Director
Division of Fuel Cycle Safety & Safeguards
Office of Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
CALLER BOX 2500
Rockville, MD 20852

REFERENCE: (1) Docket No. 70-143; SNM License 124
(2) LEU FNMC Plan Section 1, Revision 8, September 2012

Subject LEU FNMC Plan Changes

Dear Sir:

Enclosed are three copies of the referenced section for the Nuclear Fuel Services, Inc. (NFS) Fundamental Nuclear Material Control Plan for SNM of Low Enriched Uranium, submitted under the provisions of 10 CFR Part 70.32. A summary of changes is as follows:

Section 1 – In Section 1, a description of the loading of LE UNH solution into LR-230 shipping containers at the BLEU complex was added to describe the shipments of LE UNH solution from the AREVA BLEU Complex to the AREVA Richland facility.
References to oxide conversion and oxide shipments from the AREVA BLEU Complex were removed. The remaining LE UNH solution will not be converted to oxide for shipment.
Descriptions of discards from Building 111 were removed. This building no longer has discard capabilities.
Reference to NUREG 1065 was updated to the latest revision (Rev. 2).
The facility layout in Figure 1 was updated with latest drawing.

None of the changes in the body of the Plan decrease the effectiveness of the material control and accounting program or the measurement control program, implemented pursuant to 10 CFR Part 74 Subpart C.

NMSSO 1

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.



Mark P. Elliott
Quality, Safety & Safeguards
Director

Document transmitted contains
OUO information

/bnm
Enclosures (Reference 2)

Copy:

Kevin Ramsey
Project Manager
Office of Nuclear Material Safety & Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Galen Smith
Senior Resident Inspector
U.S. Nuclear Regulatory Commission