



**NUCLEAR FUEL SERVICES, INC.**

*a subsidiary of The Babcock & Wilcox Company*

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30Y-11-0005  
GOV-01-55-04  
NFE-11-0031  
ACF-11-0026  
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June 28, 2011

Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

REFERENCE: (1) Docket No. 70-143; SNM License 124  
(2) Letter from NFS to the NRC, dated August 16, 2010, (21G-10-0163),  
Response to the Request for Additional Information Concerning License  
Renewal for SNM-124  
(3) HEU FNMC Plan, Section 1, Revision 26, May 2011  
Section 2, Revision 9, May 2011  
Section 3, Revision 10, May 2011  
Section 4, Revision 21, May 2011  
Annex D, Revision 5, May 2011

**Subject: HEU FNMC Plan Changes (U)**

Dear Sir:

Enclosed are three copies of the referenced sections for the Nuclear Fuel Services, Inc. (NFS) Fundamental Nuclear Material Control Plan (10 CFR Part 74 Subpart E), submitted under the provisions of 10 CFR Part 70.32. A summary of the changes is as follows:

- Section 1 – The revision includes title changes of the Materials Manager to MC&A Section Manager and changed responsibility development of process monitoring models to the MC&A Department (from Materials Manager). Reworded description of CU-30 to distinguish between when the equipment is used to process material under process monitoring controls and when the equipment is used to process material for shipper/receiver comparison.
- Section 2 – The revision includes a title change of the Materials Manager to MC&A Section Manager and renamed the Physical Safeguards Plan to the Physical Protection Plan.
- Section 3 – The revision includes a title change of the Materials Manager to MC&A Section Manager.

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Section 4 – The revision includes title changes to several critical procedures and the incorporation of License Safeguards Conditions SG-4.8, SG-4.15, SG-4.15.1, SG-4.16, SG-4.17, SG-4.19, and SG-4.34.

Annex D – The revision includes changes to the organization charts. The descriptions of the Pu Waste Drum Scanning System were revised.

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 Annex is submitted to provide supplementary information and will not be incorporated as a condition of the license (NUREG-1280)

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.



Mark P. Elliott  
Quality, Safety & Safeguards  
Director

/dkw

Enclosures

Copy: Mr. Kevin Ramsey  
Project Manager  
Fuel Manufacturing Branch  
Fuel Facility Licensing Directorate  
Division of Fuel Cycle Safety and Safeguards  
Office of Nuclear Material Safety & Safeguards  
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