



Nuclear Fuel Services, Inc.
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24G-07-0035
SYS-50-10
GOV-01-55-10
ACF-07-0370

January 15, 2008

Mr. Kevin Ramsey, Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety and Safeguards
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Reference: (1) Docket No. 70-143; SNM License 124
(2) NFS Physical Security Plan for the Protection of Special Nuclear Material of Moderate Strategic Significance, Revision 6 (24G-94-0007), dated June 23, 1994
(3) Telephone Communications between NFS and NRC, dated December 13, 2007

Subject: **Material quantity increase in non-MAA buildings (U)**

Dear Mr. Ramsey:

Nuclear Fuel Services, Inc. (NFS) is providing this letter to inform you of its intent to increase the quantity of material processed outside of a MAA in areas approved by the current Physical Security Plan for the Protection of Special Nuclear Material of Moderate Strategic Significance (SNM-MSS) (reference 2). NFS currently has a self-imposed requirement of limiting buildings other than MAAs to 350g U235 in uranium enriched $\geq 20\%$. NFS wishes to increase this quantity to align with the quantity allowed for SNM-MSS (Less than a formula quantity of strategic special nuclear material but more than 1,000 grams of uranium-235 contained in uranium enriched to 20% or more in U-235 isotope) in buildings outside of a MAA. All affected areas are those that are currently listed as "in use" areas in reference 2 and meet all requirements of 10CFR 73.67.

Should you have questions concerning this submittal, please contact Mr. Mike Warren, Security Director, at (423) 743-1731. Please reference our unique document identification number, 24G-07-0035, regarding communications on this matter.

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The material enclosed herewith contains Unclassified Controlled Nuclear Information, and is not subject to release to the public.

Sincerely,
Nuclear Fuel Services, Inc.



B. Marie Moore
Vice President
Safety and Regulatory

Attachment

cc: Manuel Crespo
Project Inspector
U.S. Nuclear Regulatory Commission
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Atlanta Federal Center
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Regional Administrator
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Steve Burris
NRC Senior Resident Inspector
Nuclear Fuel Services, Inc.