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*Certified Mail  
Return Receipt Required*

**Nuclear Fuel Services, Inc.**  
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E-Mail : <http://www.atnfs.com>

24G-09-0012

SYS-50-10

GOV-01-55-10

ACF-09-0342

December 3, 2009

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 Protection Plan, Revision 8 (24Y-09-0007), dated August 18, 2009  
(3) NRC Request for Additional Information Concerning Physical Protection Plan, Revision 8 (TAC L32885)

Subject: **Response to NRC Request for Additional Information (RAI) Concerning Physical Protection Plan, Revision 8 (TAC L32885) (U)**

Dear Mr. Ramsey:

Nuclear Fuel Services, Inc. (NFS) is providing the enclosed response to your request for additional information concerning Revision 8 of the NFS Category I Physical Protection Plan.

Should you have questions concerning this submittal, please contact Mr. Kris Weir, Security Director, at (423) 743-1704. Please reference our unique document identification number, 24G-09-0012, regarding communications on this matter.

**UNCLASSIFIED CONTROLLED NUCLEAR  
INFORMATION (UCNI)**

This document contains UCNI as defined in the Atomic Energy Act of 1954, as amended. Unauthorized disclosure may result in civil and criminal penalties.

Reviewing Official: Natalie Kerns  
(name)

Date: 12-2-09

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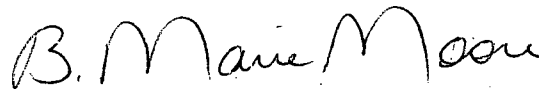
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The material enclosed herewith contains proprietary information and Unclassified Controlled Nuclear Information (UCNI) as identified in Classification Guide for Safeguards and Security Information, CG-SS-4, and is not subject to release to the public. (U)

Sincerely,  
**Nuclear Fuel Services, Inc.**



B. Marie Moore  
Director  
Safety and Regulatory

Enclosures (UCNI)

cc: Manuel Crespo  
Project Inspector  
U.S. Nuclear Regulatory Commission  
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Galen Smith  
NRC Senior Resident Inspector  
Nuclear Fuel Services, Inc.

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Enclosure 1

*Response to NRC Request for Additional Information (RAI) Concerning  
Physical Protection Plan, Revision 8 (TAC L32885) (U)*

*NFS Unique Identification # 24G-09-0012*

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Enclosure 2

Updated Page 8 of Physical Protection Plan, Revision 8  
Please destroy previous copies and replace with current drawing dated 11/23/09

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Enclosure 3

**Drawing C0325-D Dated 11/23/09**

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