



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 14, 2016

Mr. Richard J. Freudenberger, Director
Safety and Safeguards
Nuclear Fuel Services, Inc.
1205 Banner Hill Road
Erwin, TN 37650

SUBJECT: NUCLEAR FUEL SERVICES, INC., AMENDMENT 5 - APPROVAL OF NEW
FINANCIAL ASSURANCE INSTRUMENT (COST ACCOUNTING CONTROL
NUMBER L33393)

Dear Mr. Freudenberger:

In accordance with your application dated October 22, 2015, supplemented by letter dated January 7, 2016, and pursuant to Part 70 to Title 10 of the *Code of Federal Regulations*, Materials License SNM-124 is hereby amended to approve the changes to Chapter 1, General Information, and Chapter 10, Decommissioning. Accordingly, Safety Condition S-1 has been revised to include the dates of October 22, 2015, and January 7, 2016.

In addition, the following conditions have been updated to reflect previous reviews:

- Safeguards Condition SG-1.1 has been revised to reflect the current revision of the Fundamental Nuclear Material Control Plan for high enriched uranium. We found the changes acceptable in our letter dated December 18, 2015 (Agencywide Document Access and Management System [ADAMS] No. ML15350A188).
- Safety Condition S-6 has been revised to reference Revision 20 to the Emergency Plan. We found the revision acceptable in our letter dated February 15, 2016 (ADAMS No. ML16039A277).

All other conditions of this license shall remain the same. Enclosed are copies of the revised Materials License SNM-124 and the Safety Evaluation Report.

This letter concludes the actions on this application. Technical Assignment Control Number L33393 is considered **CLOSED**.

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R. Freudenberger

-2-

If you have any questions regarding this matter, please contact Kevin Ramsey of my staff at 301-287-9116, or via e-mail to Kevin.Ramsey@nrc.gov.

Sincerely,

/RA/

Robert K. Johnson, Chief
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-143

License No.: SNM-124

Enclosures:

1. Materials License SNM-124
2. Safety Evaluation Report

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Division of Fuel Cycle Safety, Safeguards
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Office of Nuclear Material Safety
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ADAMS Accession Number: ML16068A343 Package: ML16068A335

OFFICE	FCSE/FMB	FCSE/ERB	FCSE/FMB
NAME	KRamsey	AWalker-Smith	RJohnson
DATE	3/08/2016	3/09/2016	3/14/2016

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