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December 19, 2013

Mr. Scott P. Murray, Manager
Licensing & Liabilities
Global Nuclear Fuel-Americas
3901 Castle Hayne Road
P.O. Box 780 – M/C K-84
Wilmington, NC 28401

SUBJECT: AMENDMENT REQUEST TO REMOVE HYDROFLUORIC RECOVERY FROM
THE INTEGRATED SAFETY ANALYSIS (TECHNICAL ASSIGNMENT
CONTROL NO. L33826)

Dear Mr. Murray:

On September 27, 2013, you submitted a License Amendment Request (LAR) requesting pre-approval to revise the Integrated Safety Analysis (ISA) Summary, as it relates to the Hydrofluoric (HF) Acid Recovery Process and remove associated items relied on for safety (IROFS) designations, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70.72(d)(1).

Staff responded in a letter, dated October 23, 2013, stating the amendment lacked the detail needed to approve the amendment as is. A site visit was scheduled for November 5, 2013, to discuss the revision with Global Nuclear Fuel-Americas staff and review the Quantitative Risk Assessment for the Dry Conversion Process, as it relates to HF Recovery. The site visit also facilitated a tour of the process under consideration for amendment. Minutes of that visit were issued on November 18, 2013. On November 14, 2013, you provided further detail on the modifications to the ISA Summary, identifying which controls would remain in place as IROFS with the revision to the ISA. A detailed discussion was provided on those controls which would remain in place, but no longer be designated as IROFS. The staff reviewed your LAR and the proposed changes to the ISA. The LAR is approved and documented under condition S-1 in enclosures 2 and 3.

Upon issuance of this letter, Technical Assignment Control Number L33826 will be closed.

You submitted revision 11 to the Physical Security Plan on June 2, 2011, and this has been documented under condition SG-2.1. You also submitted revision 21 to the Radiological Contingency and Emergency Plan submitted on December 11, 2012, and this has been documented under condition S-3. Some administrative errors noted on enclosure 3 were corrected.

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If you have any questions concerning this letter, please contact me at 301-287-9144 or via e-mail at Tyrone.naquin@nrc.gov.

Sincerely,

/RA/

Tyrone D. Naquin, Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-1113
License No. SNM-1097

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Enclosures:

1. Safety Evaluation Report (Non-public)
2. Amendment 7 to Materials License SNM-1097 (Non-public)
3. Amendment 7 to Materials License SNM-1097 (Public)

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