



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

February 23, 2016

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: GLOBAL NUCLEAR FUEL - AMERICAS – EXEMPTION TO CRITICALITY  
MONITORING SYSTEM REQUIREMENTS LICENSE AMENDMENT REQUEST  
AND AMENDMENT 12 (COST ACTIVITY CODE L33401)

Dear Mr. Murray:

This refers to your letter SPM-15-041, dated December 15, 2015, which submitted a request to add an additional exemption for criticality accident monitoring in SNM-1097 application Section 1.3.11. On January 12, 2016, you provided a response to a Request for Additional Information, providing a clarification on the exemption request, stating that the processes eligible for the exemption have a Criticality Safety Analysis (CSA) completed and the amount of material involved or the configuration are such that no credible accident can be identified that could result in criticality. In support of the exemption request, an approved CSA 'needs evaluation' was provided which included the review and approval for the DAM 20 Criticality Warning System area. This evaluation was submitted to represent an example of the application of this exemption request. The staff reviewed your License Amendment Request (LAR) and the proposed changes to the application. The LAR is approved and documented under condition S-1 in enclosures 2 and 3. Inspectors will provide a site review during the scheduled April 25 – 29, 2016 inspection to review that the controls you have committed to are being implemented accordingly. Cost Activity Code L33401 is **CLOSED**.

In accordance with Title 10 of the *Code of Federal Regulations* 2.390 of the U.S. Nuclear Regulatory Commission's (NRC's) "Agency Rules of Practice and Procedure," a copy of this letter and enclosure 2 will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

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S. Murray

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If you have any questions concerning this letter, please contact me at 301-415-7352 or via e-mail at [Tyrone.Naquin@nrc.gov](mailto:Tyrone.Naquin@nrc.gov).

Sincerely,

**/RA/**

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

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

Enclosures:

1. Safety Evaluation Report (Public)
2. Amendment 12 to Materials License SNM-1097 (Public)
3. Amendment 12 to Materials License SNM-1097 (Non-Public)

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S. Murray

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If you have any questions concerning this letter, please contact me at 301-415-7352 or via e-mail at [Tyrone.Naquin@nrc.gov](mailto:Tyrone.Naquin@nrc.gov).

Sincerely,

**/RA/**

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

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