



## Global Nuclear Fuel

A Joint Venture of GE, Toshiba, & Hitachi

Global Nuclear Fuel – Americas, LLC  
Castle Hayne Road, Wilmington, NC 28401

September 29, 2005

Director  
Office of Nuclear Material Safety & Safeguards  
U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Subject: License Revision to Chapter 6.0 – Nuclear Criticality Safety

Reference: NRC License SNM-1097, Docket 70-1113

Dear Sir:

The Global Nuclear Fuel - Americas, LLC (GNF-A) facility in Wilmington, N.C. hereby submits a revision to the criticality safety program requirements in Chapter 6.0 of our Consolidated Application, currently Revision 4. This submittal is made in accordance with Section 1.3.1.2, “Changes Not Requiring Prior NRC Approval”, of the current Consolidated Application.

The following change is incorporated by this submittal:

- Revision of Section 6.2.2, Means of Control, to align passive engineered, active engineered, and administrative control definitions with the Standard Review Plan, NUREG-1520.
- Revision of Section 6.3.2, Analysis Methods, to align the Keff limit and criticality code validation technique descriptions with current methods and terminology.

Attachment 1 provides replacements in their entirety for the Table of Contents, the Revisions By Chapter and Chapter 6.0. These replacement sections are dated 9/29/05 and are identified with the next Revision number. Vertical lines ( | ) in the right hand column indicate where changes have been made.

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Please contact me on (910) 675-5656 or Rick Foleck on (910) 675-6299, if you have any questions or would like to discuss this matter further.

Sincerely,

Global Nuclear Fuel - Americas, LLC

*Original Signature on File*

Charles M. Vaughan  
Manager  
Facility Licensing

/lp  
Attachments

cc: CMV-05-058  
Nick Baker, NRC-HQ, Washington  
Dr. William Travers, NRC Region II, Atlanta

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Attachment 1  
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#### Attachment 1

Contains replacements in their entirety for the Table of Contents, the Revisions By Chapter and Chapter 6.0. These replacement sections are dated 9/29/05 and are identified with the next Revision number. Vertical lines (|) in the right hand column indicate where changes have been made.

