



**Global Nuclear Fuel**

A Joint Venture of GE, Toshiba, & Hitachi

**SECURITY RELATED INFORMATION PURSUANT TO 2.390(d) and NRC Regulatory Issue Summary 2005-31.**

**Attachments to this letter contain security related information. Upon removal of the Attachments, this document is decontrolled. Please withhold the Attachments to this letter from public disclosure pursuant to 10 CFR 2.390.**

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July 31, 2008

Ms. Mary T. Adams, Project Manager  
Fuel Cycle Facilities Branch  
Division of Fuel Cycle Safety  
and Safeguards NMSS  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Subject: Updated ISA Summary Report – Revision 11 (Revised Methodology)

References:

1. Letter, S.P. Murray to Director, ONMSS, 1/30/07 (ISA Summary Rev. 8)
2. Letter, S.P. Murray to Director, ONMSS, 2/16/07 (ISA Summary Rev. 9)
3. GNF-A License Renewal Application, 4/2/07
4. Telecon between NRC Staff and GNF-A, 4/25/07
5. Meeting with NRC in Washington, DC, C.J. Monetta, 5/15/07
6. Letter, M.N. Baker to S.P. Murray, 5/18/07, RAI
7. Telecon between NRC staff and GNF-A S.P. Murray, 6/19/07
8. Letter, S.P. Murray to M.N. Baker, Initial Response to RAI, 6/19/07.
9. Letter, M.N. Baker to S. P. Murray, NRC Approval of Revised ISA Overall Likelihood Calculation (TAC L31758), 7/26/07.
10. Letter, S.P. Murray to M.N. Baker, Response to Integrated Safety Analysis Summary Request for Additional Information (TAC L31758), 8/17/07.
11. Letter, S.P. Murray to M. N. Baker, Supplemental Information Re: Overall Likelihood Calculations, 9/6/07
12. Letter, S.P. Murray to Director, ONMSS, 1/30/08 (ISA Summary Rev 10)
13. Telecon between NRC NMSS Staff and GNF-A - S.P. Murray 4/16/08
14. Letter, S.P. Murray to M.T. Adams. Preliminary Update ISA Summary Report, Draft Rev. 11, 4/30/08

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Dear Ms. Adams:

We appreciate the NRC Staff's ongoing efforts to review and approve our facility Integrated Safety Analysis (ISA) documentation.

As described in my letter to you on April 30, 2008 (Reference 14) we have completed the additional reviews and updates to our safety analyses and ISA summary document. As a result, Global Nuclear Fuel – Americas, LLC (GNF-A) in Wilmington, NC hereby submits this update to our ISA Summary in order to provide revised summary pages and make corrections and modifications from using the NRC approved revised methodology and likelihood determination (Reference 9) in our ISA assessments.

The following are provided as Attachments to this letter.

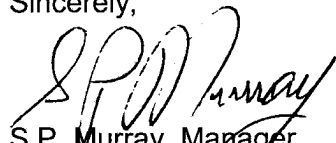
Attachment 1 contains a brief summary of all changes to the ISA records and on-site documentation required by 10CFR70.62(a)(2). This attachment also describes changes made to the Integrated Analysis Summary document.

Attachment 2 contains the revised ISA Summary in its entirety. Within this Summary document, the pages or sections that have changed as identified in Attachment 1 above are shown with a vertical line in the right hand margin. This ISA Summary (Revision 11) replaces both the Revision 10 summary dated January 30, 2008 and the draft preliminary update document dated April 30, 2008.

Pursuant to NRC Regulatory Issue Summary 2005-31, GNF-A requests that the attachments to this letter be withheld from public disclosure under 10 CFR 2.390 as they contain security related sensitive information associated with our safety analyses & risk assessments.

Please contact me on (910) 675-5950 if you have any questions or would like to discuss this matter further.

Sincerely,



S.P. Murray, Manager  
Licensing and Liabilities COE

Attachments 1 & 2 – Withhold from Public Disclosure

cc: SPM-08-032

L. Reyes, Regional Administrator – Region II, Atlanta  
M.N. (Nick) Baker, NMSS, Washington, D.C.

## **Attachment 1 - Summary of Changes**

**Attachment 2 – Revised ISA Summary Report – Revision 11**