



■ 1205 banner hill road ■ erwin, tn 37650 ■ phone 423.743.9141
■ www.nuclearfuelservices.com

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21G-09-0003
GOV-01-55-04
ACF-09-0003
January 27, 2009

Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

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approval required prior to public release
Reviewed by: *[Signature]*

Reference: Docket No. 70-143; SNM License 124

Subject: Annual Update to Part II of SNM-124 Reflecting Changes Made During Calendar Year 2008

Dear Sir:

Pursuant to License Condition S-27, Nuclear Fuel Services, Inc. (NFS) hereby submits six copies of the Calendar Year 2008 Annual Update to Part II of the license (Reference), reflecting changes made during 2008. Revised pages to Part II of the license are provided in Attachment 1. Changes are denoted by vertical lines in the margin of affected pages and are summarized below.

Also as required by License Condition S-27, analysis of occupational exposures for a 5-year period is located in Appendix A to Chapter 12. Environmental monitoring data summarizing NFS' radiological air emissions and effluent discharges during 2007 can be found in Appendix A to Chapter 13.

Attachment 1 contains sensitive information, is marked "Official Use Only" in accordance with 5 U.S.C. 552, and is not suitable for public release. Attachment 2 contains a redacted version of Attachment 1 that is suitable for public release.

Summary of Changes to Part II

Chapter 9 has been revised to incorporate changes related to the indirect transfer of control (Section A, 9.2), provide an updated site drawing (Figure 9.2), update Table 9.1 listing the license amendments issued subsequent to the last annual update, and update the DOE contract reference (Appendix A).

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Chapter 10 has been revised to incorporate minor editorial changes (Section A, 10.1, 10.1.2; Section B, 10.2.1; Section I, 10.5.3.6, 10.5.4, 10.5.10), provide additional code references (Section I, 10.5.1), and update figures and tables (Section B, Figure 10.2; Section I, Table 10.1, Figure 10.13).

Chapter 11 has been revised to update Table 11.1 and Figure 11.1 (Section A) to reflect changes in personnel and titles, provide new and/or revised resumes as necessary (Appendix A), incorporate minor editorial changes (Section A, 11.2.2), and incorporate changes related to the indirect transfer of control (Section A, 11.1).

Chapter 12 has been revised to incorporate minor editorial changes throughout (Section A, Section B, Section D, Section E), update Table 12.2 (Section B), update Figure 12.2 (Section E), and reflect revised radiological data used to assign occupational doses (Appendix A). A summary of occupational doses assigned to personnel for the five year reporting period (2003 – 2007) is also provided.

Chapter 13 has been revised to update Table 13.1 with the results of quarterly off-site dose assessments for 2006. Appendix A was updated to provide revised environmental monitoring data.

No changes were made to Chapters 14 or 16.

The drawings enclosed herewith have the following statement affixed:

"This drawing and all information contained herein is the property of Nuclear Fuel Services, Inc. and shall not be used or disclosed for any purpose other than that for which it has been furnished without the express written consent of NFS."

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If you or your staff have any questions, require additional information, or wish to discuss this, please contact me, or Mr. Rik Droke, Licensing and Compliance Director, at (423) 743-1741. Please reference our unique document identification number (21G-09-0003) in any correspondence concerning this letter.

Sincerely,

NUCLEAR FUEL SERVICES, INC.



B. Marie Moore
Director of Safety and Regulatory

JKW/pdj
Attachments

Copy:
Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth Street, SW
Suite 23T85
Atlanta, GA 30303

Mr. Manuel Crespo
Project Inspector
U.S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth Street, SW
Suite 23T85
Atlanta, GA 30303

Mr. Stephen Burris
Senior Resident Inspector
U.S. Nuclear Regulatory Commission

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