

**Southern Nuclear  
Operating Company, Inc.**  
Post Office Box 1295  
Birmingham, Alabama 35201-1295  
Tel 205.992.5000



**July 29, 2008**

Docket Nos.: 50-348  
50-364  
72-42

NL-08-1174

ATTN: Document Control Desk  
Director, Division of Spent Fuel Storage and Transportation  
Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant -Units 1 and 2  
Independent Spent Fuel Storage Installation  
Registration of Spent Fuel Cask Use

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) operates the Joseph M. Farley Nuclear Plant (FNP) Independent Spent Fuel Storage Installation (ISFSI) in accordance with the general license provisions of 10 CFR 72.210. The requirements of 10 CFR 72.212(b)(1)(ii) include registration of a spent fuel cask within 30 days of using each cask for the storage of spent nuclear fuel. Accordingly, SNC provides the following registration information associated with the HI-STORM 100 spent fuel cask system placed into storage in the FNP ISFSI on July 16, 2008.

Cask Certificate: 72-1014  
Overpack Model: HI-STORM 100S  
Overpack Serial Number: 0157  
MPC Model: MPC-32  
MPC Serial Number: 0034

Total Cask Systems stored  
in the FNP ISFSI: 8

NUSO1

This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,



M. J. Ajluni  
Manager, Nuclear Licensing

MJA/CHM/phr

cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. J. R. Johnson, Vice President – Farley  
Mr. D. H. Jones, Vice President – Engineering  
RTYPE: CFA04.054; LC # 14808

U. S. Nuclear Regulatory Commission  
Mr. L. A. Reyes, Regional Administrator  
Mr. J. R. Hall, NMSS Project Manager  
Mr. R. A. Jervey, NRR Project Manager – Farley  
Mr. E. L. Crowe, Senior Resident Inspector – Farley