

**Southern Nuclear
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June 18, 2008

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

NL-08-0951

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 June 16, 2008.

Cask Certificate:	72-1014
Overpack Model:	HI-STORM 100S
Overpack Serial Number:	0156
MPC Model:	MPC-32
MPC Serial Number:	0033

Total Cask Systems stored
in the FNP ISFSI: 7

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

A handwritten signature in black ink that reads "Mark J. Ajluni".

M. J. Ajluni
Manager, Nuclear Licensing

U. S. Nuclear Regulatory Commission

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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#14786

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