

Southern Nuclear  
Operating Company, Inc.  
1000 Peachtree Street, N.E.  
Atlanta, Georgia 30309  
Telephone: 404-516-1000  
Toll Free: 1-800-451-8900



*Energy to Serve Your World*

NL-09-1748

October 27, 2009

Docket Nos.: 50-321  
50-366  
72-36

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

Edwin I. Hatch Nuclear Plant  
Independent Spent Fuel Storage Installation  
Registration of Spent Fuel Cask Use

Ladies and Gentlemen:

Southern Nuclear Operating Company (SNC) operates the Edwin I. Hatch Nuclear Plant (HNP) 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 the registration of a spent fuel cask within 30 days of using a cask for the storage of spent nuclear fuel. Accordingly, SNC provides the following registration information associated with the HI-STORM 100 spent fuel cask systems placed into storage on October 2, 2009 and October 23, 2009.

Cask Certificate:	72-1014 Amendment 3
Cask Model:	HI-STORM 100S, Version B
MPC Serial Number:	199
Overpack Serial Number:	279
Number of Fuel Bundles:	68
Placed in Service:	October 2, 2009

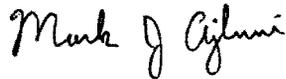
Cask Certificate:	72-1014 Amendment 3
Cask Model:	HI-STORM 100S, Version B
MPC Serial Number:	200
Overpack Serial Number:	280
Number of Fuel Bundles:	68
Placed in Service:	October 23, 2009

Addition of the above casks results in the following totals for the Hatch ISFSI:

3 HI-STAR 100 Cask Systems  
37 HI-STORM 100 Cask Systems

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

Sincerely,



M. J. Ajluni  
Manager, Nuclear Licensing

MJA/TWS/phr

cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. D. R. Madison, Vice President – Hatch  
Ms. P. M. Marino, Vice President – Engineering  
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission  
Mr. L. A. Reyes, Regional Administrator  
Ms. D. N. Wright, NRR Project Manager – Hatch  
Mr. J. A. Hickey, Senior Resident Inspector – Hatch  
Mr. J. M. Goshen, NMSS Project Manager