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

NL-12-1261

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 (Hatch) 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)(2) 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 system placed into storage on May 18, 2012.


Cask Certificate:	72-1014, Amendment 3
Cask Model:	HI-STORM 100S, Version B
MPC Serial Number:	317
Overpack Serial Number:	478
Number of Fuel Bundles:	68
Placed in Service:	May 18, 2012

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

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

This letter contains no NRC commitments. Please contact Mr. Jack Stringfellow at (205) 992-7037 if you have any questions.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "M. J. Ajluni".

M. J. Ajluni  
Nuclear Licensing Director

MJA/TWS/lac

cc: Southern Nuclear Operating Company  
Mr. S. E. Kuczynski, Chairman, President & CEO  
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer  
Mr. D. R. Madison, Vice President – Hatch  
Mr. B. L. Ivey, Vice President – Regulatory Affairs  
Mr. B. J. Adams, Vice President – Fleet Operations  
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission  
Mr. V. M. McCree, Regional Administrator  
Mr. P. G. Boyle, NRR Senior Project Manager – Hatch  
Mr. E. D. Morris, Senior Resident Inspector – Hatch