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A SOUTHERN COMPANY

**JUN 08 2016**

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

NL-16-0801

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

Edwin I. Hatch Nuclear Plant  
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 systems recently placed into storage.

Cask Certificate:	72-1014, Amendment 9
Cask Model:	HI-STORM 100S, Version B
MPC Serial Number:	476
Overpack Serial Number:	853
Number of Fuel Bundles:	68
Placed in Service:	May 27, 2016

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

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

This letter contains no NRC commitments. If you have any questions, please contact Greg Johnson at (912) 537-5874

Respectfully submitted,

A handwritten signature in black ink that reads "C. R. Pierce".

C. R. Pierce  
Regulatory Affairs Director

CRP/cdp

cc: Southern Nuclear Operating Company  
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