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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 21, 2011 and November 11, 2011.

Cask Certificate: 72-1014 Amendment 3
Cask Model: HI-STORM 100S, Version B
MPC Serial Number: 283
Overpack Serial Number: 414
Number of Fuel Bundles: 68
Placed in Service: October 21, 2011

Cask Certificate: 72-1014 Amendment 3
Cask Model: HI-STORM 100S, Version B
MPC Serial Number: 284
Overpack Serial Number: 415
Number of Fuel Bundles: 68
Placed in Service: November 11, 2011

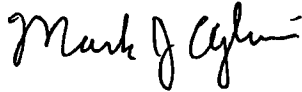
N 115526

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

3 HI-STAR 100 Cask Systems
43 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,



M. J. Ajluni
Nuclear Licensing Director

MJA/TWS

cc: Southern Nuclear Operating Company
Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Chief Nuclear Officer
Mr. D. R. Madison, Vice President – Hatch
Ms. P. M. Marino, Vice President – Engineering
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission
Mr. V. M. McCree, Regional Administrator
Mr. W.C. Gleaves, NRR Senior Project Manager - Hatch
Mr. E. D. Morris, Senior Resident Inspector – Hatch