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Energy to Serve Your World™

NL-05-1275

July 17, 2005

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

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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)(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 in the HNP ISFSI.

|                           |                   |
|---------------------------|-------------------|
| Cask Certificate:         | 72-1014           |
| Cask Model:               | HI-STORM 100S     |
| MPC Serial Number:        | 109               |
| Overpack Serial Number:   | HI-STORM 100S-138 |
| Number of Fuel Bundles:   | 68                |
| Date placed into service: | July 1, 2005      |

|  |  |
|--|--|
| Total Cask Systems stored<br>in the Hatch ISFSI: | 3 HI-STAR 100 Cask Systems<br>20 HI-STORM 100 Cask Systems |
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This letter contains no NRC commitments. If you have any questions, please advise.

Sincerely,

H. L. Sumner, Jr.

HLS/ifl/daj

NMSS01

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cc: Southern Nuclear Operating Company  
Mr. J. T. Gasser, Executive Vice President  
Mr. G. R. Frederick, General Manager – Plant Hatch  
RTYPE: CHA02.004

U. S. Nuclear Regulatory Commission  
Dr. W. D. Travers, Regional Administrator  
Mr. C. Gratton, NRR Project Manager – Hatch  
Mr. D. S. Simpkins, Senior Resident Inspector – Hatch  
Mr. J. D. Monninger, NMSS Project Manager – Hatch