

June 24, 2021

 Docket Nos. 50-321 50-424
 50-366 50-425
 72-36 72-1039

NL-21-0600

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

Edwin I. Hatch Nuclear Plant
 Vogtle Electric Generating 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 Installations (ISFSI) and the Alvin W. Vogtle Electric Generating Plant (Vogtle) 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 (2) HI-STORM 100 spent fuel cask systems recently placed into storage at the Hatch ISFSI and (2) HI-STORM 100 spent fuel cask systems placed into storage at the Vogtle ISFSI.

| Site | Vogtle ISFSI | | Hatch ISFSI | |
|------------------------|-------------------------------------|-----------------------------|------------------------------------|-----------------------------|
| License Nos. | Unit 1 – NPF-68, Unit 2 – NPF-81 | | Unit 1 – DPR-57, Unit 2 – NPF-5 | |
| Cask Certificate | 72-1014, Amendment 9 R1 | 72-1014, Amendment 9 R1 | 72-1014, Amendment 11 | 72-1014, Amendment 11 |
| Cask Model | HI-STORM 100S, Version B | HI-STORM 100S, Version B | HI-STORM 100S, Version B | HI-STORM 100S, Version B |
| MPC Serial Number | 545 | 660 | 576 | 577 |
| Overpack Serial Number | 1188 | 1377 | 1060 | 1061 |
| Number of Fuel Bundles | 32 | 32 | 68 | 68 |
| Placed in Service | 5/28/2021 | 6/11/2021 | 6/4/2021 | 6/18/2021 |

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

Vogtle ISFSI: 45 HI-STORM 100 Cask Systems

Hatch ISFSI: 3 HI-STAR 100 Systems and 86 HI-STORM 100 Cask Systems

This letter contains no regulatory commitments. If you have any questions, please contact Jamie Coleman at 205.992.6611.

Respectfully submitted,



Cheryl A. Gayheart
Regulatory Affairs Director
Southern Nuclear Operating Company

CAG/dsp/cg

cc: Regional Administrator, Region II
NRR Project Manager – Hatch, Vogtle 1&2
Senior Resident Inspector – Hatch, Vogtle 1&2
RTYPE: PP1.006