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Docket Nos.: 50-321 50-348 50-424
50-366 50-364 50-425
72-36 72-42 72-1039

NL-16-0258

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

Joseph M. Farley Nuclear Plant – Units 1 and 2
Edwin I. Hatch Nuclear Plant – Units 1 and 2
Vogtle Electric Generating Plant – Units 1 and 2
Independent Spent Fuel Storage Installation
Annual Radioactive Effluent Release Report

Ladies and Gentlemen:

In accordance with 10 CFR 72.44(d)(3), Southern Nuclear Operating Company (SNC) hereby submits the annual report specifying the quantity of each of the principal radionuclides released to the environment in liquid and gaseous effluents during the period of operation of the Independent Spent Fuel Storage Installation (ISFSI) in the previous calendar year for Joseph M. Farley Nuclear Plant (Farley), Edwin I. Hatch Nuclear Plant (Hatch), and the Vogtle Electric Generating Plant (Vogtle).

By the design of the seal welded storage canisters of the ISFSI, there are no plausible effluent release pathways. Periodic surveillances and radiological surveys of and around the facilities performed during the year confirm that the canister and overpack assemblies are performing as designed. The effluent releases from the ISFSIs at Farley, Hatch, and Vogtle for the 2015 calendar year are zero.

This letter contains no NRC commitments. If you have any questions, please contact Ken McElroy at (205) 992-7369.

Respectfully submitted,



C. R. Pierce
Regulatory Affairs Director

CRP/efb/lac

cc: Southern Nuclear Operating Company

Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Ms. C. A. Gayheart, Vice President - Farley
Mr. D. R. Vineyard, Vice President – Hatch
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. B. K. Taber, Vice President – Vogtle 1 & 2
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. B. J. Adams, Vice President – Engineering
Mr. W. J. Waites, Fleet Chemistry Manager
Ms. B. L. Taylor, Regulatory Affairs Manager – Farley
Mr. G. L. Johnson, Regulatory Affairs Manager – Hatch
Mr. G. W. Gunn, Regulatory Affairs Manager – Vogtle 1 & 2
RType: Farley=CFA04.054; Hatch=CHA02.004; Vogtle=CVC7000;
Corp=PP1.006

U. S. Nuclear Regulatory Commission

Ms. C. Haney, Regional Administrator
Mr. S. A. Williams, NRR Project Manager – Farley
Mr. M. D. Orenak, NRR Project Manager – Hatch
Mr. R. E. Martin, NRR Project Manager – Vogtle 1 & 2
Mr. P. K. Niebaum, Senior Resident Inspector – Farley
Mr. D. H. Hardage, Senior Resident Inspector – Hatch
Mr. L. M. Cain, Senior Resident Inspector – Vogtle 1 & 2