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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-14-0304

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, DC 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 2013 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,

A handwritten signature in black ink that reads "C. R. Pierce". The signature is written in a cursive, flowing style.

C. R. Pierce  
Regulatory Affairs Director

CRP/TWS/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. T. E. Tynan, Vice President – Vogtle 1&2  
Mr. B. L. Ivey, Vice President – Regulatory Affairs  
Mr. D. R. Madison, Vice President – Fleet Operations  
RType: CFA04.054; CHA02.004; CVC7000

U. S. Nuclear Regulatory Commission  
Mr. V. M. McCree, Regional Administrator  
Mr. R. E. Martin, NRR Project Manager – Hatch; Vogtle 1&2  
Mr. G. E. Miller, NRR Project Manager - Farley  
Mr. E. D. Morris, Senior Resident Inspector – Hatch  
Mr. L. M. Cain, Senior Resident Inspector – Vogtle 1&2  
Mr. P. K. Niebaum, Senior Resident Inspector - Farley  
Mr. J. R. Sowa, Resident Inspector - Farley