

Mark J. Ajluni, P.E.  
Nuclear Licensing Director

Southern Nuclear  
Operating Company, Inc.  
40 Inverness Center Parkway  
Post Office Box 1295  
Birmingham, Alabama 35201  
Tel 205.992.7673  
Fax 205.992.7885



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NL-12-0282

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant  
Edwin I. Hatch Nuclear Plant  
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 at Joseph M. Farley Nuclear Plant (FNP) and Edwin I. Hatch Nuclear Plant (HNP).

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 ISFSI at FNP and HNP for the 2011 calendar year are zero.

This letter contains no NRC commitments. If you have any questions, please contact Jack Stringfellow at (205) 992-7037

Respectfully submitted,

A handwritten signature in black ink that reads "Mark J. Ajluni". The signature is written in a cursive, flowing style.

M. J. Ajluni  
Nuclear Licensing Director

MJA/EGA/lac

cc: Southern Nuclear Operating Company  
Mr. S. E. Kuczynski, Chairman, President & CEO  
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer  
Mr. T. A. Lynch, Vice President – Farley  
Mr. D. R. Madison, Vice President – Hatch  
Mr. B. L. Ivey, Vice President – Regulatory Affairs  
Mr. B. J. Adams, Vice President – Fleet Operations  
RType: Farley=CFA04.054; Hatch=CHA02.004

U. S. Nuclear Regulatory Commission  
Mr. V. M. McCree, Regional Administrator  
Mr. R. E. Martin, NRR Project Manager – Farley  
Mr. E. L. Crowe, Senior Resident Inspector – Farley  
Mr. E. D. Morris, Senior Resident Inspector – Hatch  
Mr. P. G. Boyle, NRR Senior Project Manager – Hatch