

August 4, 2006

Jeffrey T. Gasser  
Executive Vice President and  
Chief Nuclear Officer  
Southern Nuclear Operating  
Company, Inc.  
Post Office Box 1295  
Birmingham, Alabama 35201-1295

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2, JOSEPH M. FARLEY  
NUCLEAR PLANT, UNITS 1 AND 2, VOGTLE ELECTRIC GENERATING  
PLANT, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL INFORMATION (RAI)  
RE: SOUTHERN NUCLEAR OPERATING COMPANY EMERGENCY PLAN  
REVISION (TAC NOS MC9458, MC9459, MC9460, MC9461, MC9462 AND  
MC9463.)

Dear Mr. Gasser:

By letter dated December 30, 2005, Southern Nuclear Operating Company requested review and approval of the proposed emergency plan changes affecting the Edwin I. Hatch Nuclear Plant, Joseph M. Farley Nuclear Plant, and Vogtle Electric Generating Plant emergency action levels.

The U.S. Nuclear Regulatory Commission staff has reviewed the submittal and determined that additional information is required to adequately evaluate the acceptability of the proposed changes. A listing of the requested additional information is found in the enclosure.

Per the licensee's request, the proposed Emergency Action Level (EAL) changes for each plant were evaluated in parallel, and questions were generated accordingly. However, in your response you must address the questions on a site-specific basis. Each licensee should address the RAI applicable to their site, revise the EAL and/or provide more information in the EAL Basis, and revise the Difference/Deviation Matrix as applicable.

To support further review of the proposed changes a revised Difference/Deviation Matrix and Redline/Strikeout copy shall be provided in the licensee's response. Additionally, a complete, unmarked EAL Basis Document shall be provided as an attachment to the licensee's response.

J. Gasser

- 2 -

We discussed these items with your staff on June 27, 2006. Please contact me at (301) 415-1493, if you have any other questions on these issues.

Sincerely,

*/RA/*

Robert E. Martin, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321, 50-348, 50-364, 50-366, 50-424 and 50-425

Enclosure: Request for Additional Information

cc w/encl: See next page

J. Gasser

- 2 -

August 4, 2006

We discussed these items with your staff on June 27, 2006. Please contact me at (301) 415-1493, if you have any other questions on these issues.

Sincerely,

**/RA/**

Robert E. Martin, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-321, 50-348, 50-364, 50-366, 50-424 and 50-425

Enclosure: Request for Additional Information

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	RidsNrrPMRMartin (Hard Copy)	RidsNrrDorlDpr
LPL2-1 R/F	RidsNrrLARSola (Hard Copy)	RidsRgn2MailCenter
RidsNrrPMRJervy	RidsOgcRp	DJohnson
RidsNrrDorlLp2-1 (EMarinos)	RidsAcrcAcnwMailCenter	

ADAMS Accession No. ML062060619

NRR-088

OFFICE	LPL2-1/PM	LPL2-1/PM	LPL2-1/LA	LPL2-1/BC
NAME	RJervy:ckg	RMartin	RSola	EMarinos
DATE	8/3/06	7/28/06	7/28/06	8/4/06

**OFFICIAL RECORD COPY**

Edwin I. Hatch Nuclear Plant  
Vogtle Electric Generating Plant

cc:

Laurence Bergen  
Oglethorpe Power Corporation  
2100 E. Exchange Place  
P.O. Box 1349  
Tucker, GA 30085-1349

Mr. Jeffrey T. Gasser  
Executive Vice President  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201

Mr. Raymond D. Baker  
Manager - Licensing  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201

Mr. L. M. Stinson  
Vice President - Nuclear Hatch Project  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201-1295

Resident Inspector  
Hatch Project  
11030 Hatch Parkway North  
Baxley, GA 31513

Mr. Harold Reheis, Director  
Department of Natural Resources  
205 Butler St, SE, Suite 1252  
Atlanta, GA 30334

Chairman  
Appling County Commissioners  
County Commissioners  
Baxley, GA 31513

Office of the County Commissioners  
Burke County Commission  
Waynesboro, GA 30830

Mr. Arthur H. Dombay, Esq.  
Troutman Sanders  
Nations Bank Plaza  
600 Peachtree St, NE

Suite 5200  
Atlanta, GA 30308

Resident Inspector  
Vogtle Plant  
8805 River Road  
Waynesboro, GA 30830

Mr. Steven M. Jackson  
Senior Engineer -Power Supply  
Municipal Electric Authority of Georgia  
1470 Riveredge Parkway, NW  
Atlanta, GA 30303-4684

Mr. Dennis R. Madison, General Manager  
Edwin I. Hatch Nuclear Plant  
Southern Nuclear Operating Company, Inc.  
U.S. Highway 1 North  
P.O. Box 2010  
Baxley, GA 31515

Mr. Reece McAllister  
Executive Secretary  
Georgia Public Service Commission  
244 Washington St., SW  
Atlanta, GA 30334

Mr. D. E. Grissette, Vice President  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201

Mr. K. Rosanski, Resident Manager  
Oglethorpe Power Corporation  
Edwin I. Hatch Nuclear Plant  
P.O. Box 2010  
Baxley, GA 31515

Mr. N.J. Stringfellow, Manager-Licensing  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201-1295

Mr. T.E. Tynan, General Manager  
Vogtle Electric General Plant  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1600  
Waynesboro, GA 30830

Attorney General  
Law Department  
132 Judicial Building  
Atlanta, GA 30334

Joseph M. Farley Nuclear Plant, Units 1 & 2

cc:

Mr. J. R. Johnson  
General Manager  
Southern Nuclear Operating Company, Inc.  
P.O. Box 470  
Ashford, AL 36312

William D. Oldfield  
SAER Supervisor  
Southern Nuclear Operating Company, Inc.  
P.O. Box 470  
Ashford, AL 36312

Mr. B. D. McKinney, Licensing Manager  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201-1295

Mr. M. Stanford Blanton  
Balch and Bingham Law Firm  
P.O. Box 306  
1710 Sixth Avenue North  
Birmingham, AL 35201

Mr. J. Gasser  
Executive Vice President  
Southern Nuclear Operating Company, Inc.  
P.O. Box 1295  
Birmingham, AL 35201

State Health Officer  
Alabama Department of Public Health  
434 Monroe St.  
Montgomery, AL 36130-1701

Chairman  
Houston County Commission  
P.O. Box 6406  
Dothan, AL 36302

Resident Inspector  
U.S. Nuclear Regulatory Commission  
7388 N. State Highway 95  
Columbia, AL 36319