

November 2, 2007

Mr. Tom E. Tynan
Vice President - Vogtle
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2, MEASUREMENT
UNCERTAINTY RECAPTURE POWER UPRATE APPLICATION (TAC NOS.
MD6625 AND MD6626)

Dear Mr. Tynan:

In a letter dated August 28, 2007, and supplemented by letter dated October 9, 2007, Southern Nuclear Operating Company (SNOC) submitted an application requesting to increase the licensed thermal power level for the Vogtle Electric Generating Plant, Units 1 and 2. The proposed amendment would increase the licensed core power level by 1.7 percent to 3625.6 megawatts thermal with the installation of the Caldon Check-Plus ultrasonic feedwater flow element.

We note that your August 28, 2007, letter requested the staff's decision on your application by March 1, 2008, and that the staff's review conducted to date has included considerable attention to the radiological dose analyses that require revision to support the application. While the staff's guidance in Regulatory Issue Summary 2002-03, dated January 31, 2002, (RIS) did encourage clear identification of subject areas that would and would not be affected by an MUR application, it has not been the staff's general expectation that this would include substantial revisions to radiological dose analyses or the supporting atmospheric dispersion analysis, high-pressure turbine modifications, and the minimum departure from nucleate boiling ratio calculations based on VIPRE. Based on the review conducted to date, we anticipate that the potential complexity of these review issues may result in a challenge to completion of the MUR review within the typical timeframes discussed in the RIS. In that regard, the most expeditious response by SNOC to staff needs for additional information could contribute to minimizing such extensions of the review schedule.

T. Tynan

- 2 -

While noting the above, we wish to inform you that, based on the information contained in your application and its supplement, as compared to the RIS, the staff has determined that SNOG has provided the necessary information for the NRC staff to begin a detailed technical review. If you have any questions, please contact me at 301-415-1564.

Sincerely,

/RA/

Siva P. Lingam, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

cc: See next page

T. Tynan

- 2 -

While noting the above, we wish to inform you that, based on the information contained in your application and its supplement, as compared to the RIS, the staff has determined that SNOG has provided the necessary information for the NRC staff to begin a detailed technical review. If you have any questions, please contact me at 301-415-1564.

Sincerely,

/RA/

Siva P. Lingam, Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

cc: See next page

DISTRIBUTION: Public
LPL2-1 R/F
RidsNrrDorlLpl2-1 (EMarinos)
RidsNrrPMSLingam (hard copy)
RidsNrrLAMO'Brien (hard copy)

RidsAcrsAcnwMailCenter
RidsRgn2MailCenter (SShaeffer)
RidsOgcRp
RidsNrrPgcb(MMurphy)
RidsNrrPgcb(TALexion)

ADAMS Accession No.: ML072850017

OFFICE	NRR/LPL2-1/PM	NRR/LPL2-1/LA	NRR/PGCB/BC	NRR/LPL2-1/BC
NAME	RMartin for SLingam	MO'Brien	MMurphy	EMarinos
DATE	10 / 19 /07	/ /07	10 / 29 /07	11 / 02 /07

OFFICIAL RECORD COPY

Vogtle Electric Generating Plant, Units 1 & 2

cc:

Mr. Tom E. Tynan
Vice President - Vogtle
Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830

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

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

Mr. Steven M. Jackson
Senior Engineer - Power Supply
Municipal Electric Authority of Georgia
1470 Riveredge Parkway, NW
Atlanta, GA 30328-4684

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

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

Attorney General
Law Department
132 Judicial Building
Atlanta, GA 30334

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

Arthur H. Dombey, Esquire
Troutman Sanders
Nations Bank Plaza
600 Peachtree Street, NE
Suite 5200
Atlanta, GA 30308-2216

Resident Inspector
Vogtle Plant
8805 River Road
Waynesboro, GA 30830

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

Mr. J. A. Gresham
Manager
Regulatory Compliance and Plant Licensing
Westinghouse Electric Company LLC
P. O. Box 355
Pittsburgh, PA 15230-0355