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

SUBJECT: ANNUAL ASSESSMENT LETTER - VOGTLE ELECTRIC GENERATING
        PLANT (NRC INSPECTION REPORT 05000424/2006001 and
        05000425/2006001)

Dear Mr. Grissette:

On February 7, 2006, the NRC staff completed its performance review of the Vogtle Electric
Generating Plant. Our technical staff reviewed performance indicators (PIs) for the most recent
quarter and inspection results for the period from January 1 through December 31, 2005. The
purpose of this letter is to inform you of our assessment of your safety performance during this
period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection
information. A separate letter, designated and marked as “Official Use Only - Security-Related
Information,” will include the physical protection performance review and resultant inspection
plan.

Overall, Vogtle Units 1 and 2 operated in a manner that preserved public health and safety and
fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as
for the first three quarters of the assessment cycle, was within the Licensee Response column
of the NRC’s Action Matrix. We based this conclusion on the fact that all inspection findings
were classified as having very low safety significance (Green) and all PIs indicated performance
at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor
oversight process (ROP) baseline inspections at your facility. We also plan on conducting
several non-ROP inspections, which include containment emergency recirculation sump
blockage and reactor vessel head and head penetrations.

The enclosed inspection plan details the inspections, less those related to physical protection,
scheduled through September 30, 2007. The inspection plan is provided to allow for the
resolution of any scheduling conflicts and personnel availability issues well in advance of
inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and
continuous nature. The inspections in the last nine months of the inspection plan are tentative
and may be revised at the mid-cycle review. Although our intent is to maintain the enclosed
inspection plan fixed for the first nine months, a need may arise to conduct one or more
unanticipated inspections prior to issuing an updated inspection plan with the 2006 assessment
cycle mid-cycle letter. If an inspection of this type becomes necessary, we will notify you of the planned inspection dates as soon as possible to resolve, as much as we can, any scheduling and personnel availability conflicts you may have.

In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC’s document system (ADAMS). ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4674 with any questions you may have regarding this letter or the inspection plan.

Sincerely;

/RA/

Curtis W. Rapp, Acting Chief
Reactor Projects Branch 2
Division of Reactor Projects

Docket Nos. 50-424 and 50-425
License Nos. NPF-68 and NPF-81

Enclosure: Vogtle Inspection/Activity Plan
cc w/encl:.

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