



Nuclear Regulatory Commission
Exhibit # - SNCR00010-MA-CM01
Docket # - 05200025 | 05200026
Identified: 09/27/2011

Admitted: 09/27/2011
Rejected:

Withdrawn:
Stricken:

SNCR00010



Vogtle 3 & 4 COL

Southern Nuclear Operating Company Vogtle Units 3 & 4

Combined Licenses and
Limited Work Authorization

Mandatory Hearing

Environmental Overview – Panel 1

September 28, 2011

Dale Fulton – SNC



Overview of Vogtle Units 3 & 4 NEPA Activities

- ◆ ESPA and request for LWA-A Phase
- ◆ COLA and request for additional LWA-B Phase
 - ◆ Stand alone NEPA review for COL LWA
- ◆ ESP License Amendments
 - ◆ 3 amendment requests
- ◆ New and Significant review throughout COLA process
 - ◆ Initial review was conducted on the Draft EIS for ESP
 - ◆ Revised subsequent to ESP FEIS
 - ◆ Will continue throughout the project until issuance of the COL



NEPA Overview for ESP & LWA-A

- ◆ Vogtle 3&4 ESPA ER analysis included ESP and LWA
 - ◆ Vogtle 3&4 ESPA was for a plant specific design (AP1000 Certified Design)
- ◆ Vogtle 3&4 ESP FEIS issued with no unresolved environmental issues
- ◆ No significant environmental impacts from ESP backfill amendments 1 – 3 (Backfill/Borrow Sources)
 - ◆ Main Environmental Focus
 - ◆ Terrestrial Impacts



NEPA Overview for COL & LWA-B

- ◆ Vogtle 3&4 COLA ER referenced the Vogtle ESP EIS
 - ◆ Initial COLA ER included New & Significant Evaluations based on the ESP Draft EIS.
 - ◆ COLA ER was revised to include the New & Significant Evaluations for the ESP FEIS
- ◆ COLA revised Part 6 to include LWA-B
 - ◆ Stand alone Environmental Report issued for LWA-B
 - ◆ Findings incorporated in COL FSEIS
- ◆ The Environmental findings from the 3 ESP License Amendments were incorporated in the COL FSEIS
- ◆ COL FSEIS issued March 2011 with no open items



New & Significant Review

The process is designed to "... provide a methodical, comprehensive review of the conclusions presented in the ESP EIS and the supporting information for those conclusions to identify any new and significant (N&S) information that has the potential to change the NRC's conclusions presented in the ESP EIS." (10 CFR 51.50(c))

- ◆ SNC adopted the definitions of "new" and "significant" previously published by the NRC (72 FR 49352).

- ◆ NRC Staff accepted SNC's N&S process during a site visit and audit.

**UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION**

BEFORE THE COMMISSION

In the Matter of

Southern Nuclear Operating Company

**(Vogtle Electric Generating Plant,
Units 3 and 4)**

)
)
)
)
)
)
)
)
)
)

Docket Nos. 52-025-COL and 52-026-COL

September 23, 2011

CERTIFICATE OF SERVICE

I hereby certify that copies of EXHIBIT SNCR00010 for the Vogtle Units 3 & 4 COL Mandatory Hearing in the above-captioned proceeding have been served by electronic mail as shown below, this 23rd day of September, 2011, and/or by e-submittal.

M. Stanford Blanton
C. Grady Moore
Peter D. LeJeune
Leslie Garrett Allen
Millicent Ronnlund
Balch & Bingham LLP
P. O. Box 306
Birmingham, AL 35201
(E-mail: sblanton@balch.com;
plejeune@balch.com;
mronnlund@balch.com)

Marcia Carpentier
Karen Francis
Joseph Gilman
Ann P. Hodgdon
Sara Kirkwood
Patrick A. Moulding
Marian Zabler
Office of the General Counsel
Mail Stop O-15D-21
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001
(E-mail: marcia.carpentier@nrc.gov;
karin.francis@nrc.gov;
joseph.gilman@nrc.gov;
ann.hodgdon@nrc.gov;
sara.kirkwood@nrc.gov;
patrick.moulding@nrc.gov;
marian.zabler@nrc.gov)

Kristy Remsburg
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001
(E-mail: ogcmailcenter@nrc.gov)

Office of Commission Appellate
Adjudication
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001
(E-mail: ocaamail@nrc.gov)

Charles Pierce
Southern Nuclear Operating Company
42 Inverness Center Parkway
Birmingham, AL 35242
(E-mail: CRPIERCE@southernco.com)

Kathryn M. Sutton
Mary Freeze
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Ave., N.W.
Washington, DC 20004
(E-mail: ksutton@morganlewis.com;
mfreeze@morganlewis.com)

Office of the Secretary
Mail Stop O-16C1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001
(E-mail: HEARINGDOCKET@nrc.gov)

Anita Ghosh
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001
(E-mail: anita.ghosh@nrc.gov)

Rebecca Giitter
U.S. Nuclear Regulatory Commission
Rulemakings and Adjudications Staff
Office of the Secretary
Washington, D.C. 20555-0001
(E-mail: rebecca.giitter@nrc.gov)

Respectfully submitted,

(Original signed by M. Stanford Blanton)

M. Stanford Blanton, Esq.
BALCH & BINGHAM LLP
1710 Sixth Avenue North
Birmingham, AL 35203-2015
Telephone: (205) 251-8100
Facsimile: (205) 226-8798
COUNSEL FOR SOUTHERN NUCLEAR
OPERATING COMPANY

Kathryn M. Sutton, Esq.
MORGAN, LEWIS & BOCKIUS LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004
Telephone: (202) 739-5738
Facsimile: (202) 739-3001
CO-COUNSEL FOR SOUTHERN NUCLEAR
OPERATING COMPANY