



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.

BEFORE THE COMMISSION

September 20, 2011

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