



September 23, 2008  
NND-08-0032

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

ATTN: Document Control Desk

Subject: V. C. Summer Nuclear Station Units 2 and 3  
Docket Numbers 52-027 and 52-028  
10 CFR 50.46 Report for the Standard Westinghouse AP1000  
Plant Design

- References:
- A. Letter and enclosures from Ed Cummins to Document Control Desk, "10 CFR 50.46 Report for the AP1000 Standard Plant Design," dated February 15, 2008.
  - B. Letter from S. A. Byrne to Document Control Desk, Submittal of a Combined License Application for V. C. Summer Nuclear Station Units 2 and 3, dated March 27, 2008.

South Carolina Electric & Gas Company (SCE&G) is submitting this letter to notify the addressee of the applicability of Reference A to the V.C. Summer Nuclear Station (VCSNS) Units 2 and 3 combined license (COL) application.

In accordance with 10 CFR 50.46, "Acceptance criteria for emergency core cooling systems for light-water nuclear power reactors," Westinghouse submitted a report, Reference A, to the Nuclear Regulatory Commission (NRC) addressing a change in the calculated peak cladding temperature. As indicated by Westinghouse in Reference A, a design certification holder is required to report such a change in accordance with 10 CFR 50.46(a)(3). Similarly, a COL applicant is also required to report such a change if applicable. SCE&G submitted a COL application for two Westinghouse AP1000 advanced pressurized water reactor units by letter dated March 27, 2008. The VCSNS COL application incorporates by reference the AP1000 design control document (DCD) and thus, also utilizes the peak cladding temperature calculations performed by Westinghouse. As such, Reference A is also applicable to the VCSNS COL application.

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Enclosure 2 of Reference A contains the Westinghouse proposed reanalysis plan and schedule as required by 10 CFR 50.46. The Westinghouse reanalysis is also applicable to the VCSNS COL application.

Please address any questions to Mr. Alfred M. Paglia, Manager, Nuclear Licensing, New Nuclear Deployment, P.O. Box 88, Jenkinsville, S.C. 29065; by telephone at 803-345-4191; or by email at [apaglia@scana.com](mailto:apaglia@scana.com).

Very truly yours,



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