



South Carolina Electric & Gas Company
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Ollie S. Bradham
Vice President
Nuclear Operations

December 21, 1989

DEC 27 9:13

Mr. S. D. Ebnetter
Regional Administrator
U. S. Nuclear Regulatory Commission
Region II, Suite 2900
101 Marietta Street, N. W.
Atlanta, Georgia 30323

Subject: Virgil C. Summer Nuclear Station
Docket No. 50/395
Operating License No. NPF-12
115 KV Offsite Power Operations

Dear Mr. Ebnetter:

South Carolina Electric & Gas Company (SCE&G) in a letter dated December 7, 1989, stated that an operational minimum of 100% of nominal voltage would be placed on the 115 KV Offsite Power Source. This limit was to be utilized until further stability and/or load flow studies verified other conditions were acceptable. The Systems Planning group has verified, by performing a new grid stability analysis, that the following operating conditions are acceptable and will ensure the reliability of the 115 KV Offsite Power Source:

- 1) With both 115 KV/7.2 KV Transformers in service to one Engineered Safety Features (ESF) bus, the minimum allowed voltage is 97.85% of nominal.
- 2) With both 115 KV/7.2 KV Transformers in service to both ESF buses, the minimum allowed voltage is 98.98% of nominal.
- 3) With only one 115 KV/7.2 KV Transformer in service to one ESF bus, the minimum allowed voltage is 98.88% of nominal.

If there are any questions, please contact me at your convenience.

Very truly yours,

O. S. Bradham

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