



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

February 27, 2018

Mr. George A. Lippard, III  
Vice President, Nuclear Operations  
South Carolina Electric & Gas Company  
Virgil C. Summer Nuclear Station  
P.O. Box 88, Mail Code 800  
Jenkinsville, SC 29065

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION, UNIT NO. 1 – CORRECTION TO  
AMENDMENT NO. 170 TO CORRECT A TYPOGRAPHICAL ERROR

Dear Mr. Lippard:

By letter dated January 31, 2018 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18031A763), South Carolina Electric & Gas Company (SCE&G, the licensee) requested the U.S. Nuclear Regulatory Commission (NRC) approval of a correction of a typographical error in the Virgil C. Summer Nuclear Station (VCSNS), Unit No. 1, Technical Specifications (TS). The typographical error was inadvertently introduced during License Amendment No. 118 (ADAMS Accession No. ML012280053), and carried over into Amendment No. 170 (ADAMS Accession No. ML050130293).

The typographical error was identified in TS Table 3.3-10, "Accident Monitoring Instrumentation," Item 7, "Reactor Coolant Inlet Temperature –  $T_{\text{cold}}$  – Wide Range Instrument Loop/Indicator." Specifically, the "ITE-430/ITR-410" entry was incorrectly labelled as "Channel E" rather than "Channel D" in the licensee's application dated December 17, 1993 (ADAMS Accession No. ML18046A010) and was not in accordance with Regulatory Guide (RG) 1.97, Revision 3, "Instrumentation for light-water-cooled nuclear power plants to assess plant and environs conditions during and following an accident," dated May 1983 (ADAMS Accession No. ML003740282).

The NRC staff reviewed the information provided in the January 31, 2018, License Amendments No. 118 and No. 170, and RG 1.97 and conclude that TS Table 3.3-10, Item 7, was incorrectly labelled "Channel E ITE-430/ITR-410" and should be replaced with "Channel D ITE-430/ITR-410." Correction of the typographical error does not change the NRC conclusions provided in approval of Amendments No. 118 and No. 170 or the no significant hazards consideration as published in the *Federal Register*.

G. Lippard, III

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Enclosed is the corrected TS page for VCSNS Amendment No. 170. Please replace the affected page with the enclosed page. If you have any questions, please contact me at 301-415-1009.

Sincerely,

A handwritten signature in cursive script that reads "Shawn Williams". The signature is written in black ink and is positioned above the typed name and title.

Shawn A. Williams, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-395

Enclosure:  
As stated

cc: Listserv

VIRGIL C. SUMMER NUCLEAR STATION, UNIT NO. 1  
ATTACHMENT TO LICENSE AMENDMENT NO. 270  
CORRECTION TO TYPOGRAPHICAL ERROR  
RENEWED FACILITY OPERATING LICENSE NO. NPF-12  
DOCKET NO. 50-395

Replace the following page of the Appendix "A" Technical Specifications (TSs) with the attached revised page.

Remove

TS  
3/4 3-57

Insert

TS  
3/4 3-57

TABLE 3.3-10  
ACCIDENT MONITORING INSTRUMENTATION

SUMMER - UNIT 1

3/4 3-57

Amendment No. 448, 170

<u>INSTRUMENT</u>	<u>REQUIRED NO. OF CHANNELS</u>	<u>MINIMUM CHANNELS OPERABLE</u>
1. Reactor Building Pressure - Narrow Range Instrument Loop/Indicator: Channel D IPT-951/IPI-951 Channel B IPT-952/IPI-952	2	1
2. Reactor Building Pressure - Wide Range Instrument Loop/Indicator: Channel D IPT-954A/IPI-954A Channel E IPT-954B/IPI-954B	2	1
3. Reactor Building Radiation Level - High Range Instrument Loop/Indicator: Channel A RMG-18 Channel B RMG-7	2	1
4. Deleted		
5. Reactor Building/RHR Sump Level Instrument Loop/Indicator: Channel A ILT-1969/ILI-1969 Channel B ILT-1970/ILI-1970	2	1
6. Reactor Coolant Outlet Temperature - T <sub>Hot</sub> - Wide Range Instrument Loop/Indicator: Channel A ITE-413/ITI-413 Channel A ITE-423/ITI-423 Channel E ITE-433/ITR-413	2	1
7. Reactor Coolant Inlet Temperature - T <sub>Cold</sub> - Wide Range Instrument Loop/Indicator: Channel E ITE-410/ITI-410 Channel E ITE-420/ITI-420 Channel D ITE-430/ITR-410	2	1

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AMENDMENT NO. 170 TO CORRECT A TYPOGRAPHICAL ERROR  
DATED FEBRUARY 27, 2018

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**ADAMS Accession No.: ML18033A844**

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