

January 21, 1990

Docket No. 50-395

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Mr. O. S. Bradham
Vice President, Nuclear Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
P. O. Box 88
Jenkinsville, South Carolina 29065

Dear Mr. Bradham:

SUBJECT: RESPONSE TO BULLETIN 89-03 (TAC NO. 74564)

On November 21, 1989, the NRC staff issued Bulletin 89-03, "Potential Loss of Required Shutdown Margin During Refueling Operations." The Bulletin requested that all PWR licensees and PWR construction permit holders take the actions described in the Bulletin to ensure that an adequate shutdown margin is maintained during all refueling operations. To accomplish this, three actions were described:

1. Assure that any intermediate fuel assembly configuration (including control rods) intended to be used during refueling is identified and evaluated to maintain sufficient refueling boron concentration to result in a minimum shutdown margin of approximately 5%.
2. Assure that fuel loading procedures only allow those intermediate fuel assembly configurations that do not violate the allowable shutdown margin and that these procedures are strictly adhered to.
3. Assure that the staff responsible for refueling operations is trained in the procedures recommended in item 2 above and understand the potential consequences of violating these procedures. This training should include the fundamental aspects of criticality control with enriched fuel assemblies.

By letter dated January 5, 1990, you responded to Bulletin 89-03 which indicated that Action 1 and 2 have been addressed and that Action 3 will be implemented by the March 1990 refueling outage. Therefore, the staff considers your response to Bulletin 89-03 to be satisfactory and TAC No. 74564 to be closed.

Sincerely,

Original Signed By:

9001290317 900121
PDR ADOCK 05000395
Q PDC

John J. Hayes, Jr., Project Manager
Project Directorate II-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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NAME	: PANDOLSON	: JHAYES, JR	: ELOURIGNY	:	:	:	:	:	:
DATE	: 1/22/90	: 1/22/90	: 1/23/90	:	:	:	:	:	:

OFFICIAL RECORD COPY
Name: SUMMER SAMPLE 89 03 LETTER

Mr. O. S. Bradham
South Carolina Electric & Gas Company

Virgil C. Summer Nuclear Station

cc:

Mr. R. V. Tanner
Executive Vice President
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South Carolina Electric & Gas Company
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