

V. C. Summer Nuclear Station
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March 9, 2020

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

Serial No. 19-388A
VCS-LIC/JRB R0
Docket No. 50-395
License No. NPF-12

DOMINION ENERGY SOUTH CAROLINA, INC.
VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1
VOLUNTARY SUPPLEMENT TO SPECIAL REPORT 2019-003
RCS SUBCOOLING MARGIN MONITOR INOPERABLE

Dominion Energy South Carolina, Inc. (DESC) is submitting this voluntary supplement to Special Report 2019-003 (NRC Adams Accession Number ML19280D380), previously submitted pursuant to the requirements of Technical Specifications (TS) 3.3.3.6 and 6.9.2. This update addresses one of the required Reactor Coolant System (RCS) Subcooling Margin Instrument Loop/Indicator monitoring channels being inoperable for more than thirty (30) days.

During calibration of RCS Subcooling Margin Monitor 'B', in accordance with Surveillance Requirement 4.3.3.6 (Table 3.3-10; 10, 12), it was identified that the monitor was inoperable for certain analog inputs. The monitor was declared inoperable on August 26, 2019.

The failure of RCS Subcooling Margin Monitor 'B' (ITM00499B) was captured in the station's corrective action program (CR-19-03018). The monitor's power supply and computer board assembly (A5 card) were shipped to an offsite vendor for troubleshooting and repair. While RCS Subcooling Margin Monitor 'B' is inoperable, RCS Subcooling Margin Monitor 'A' remains operable and is available to monitor RCS subcooling. Additionally, an alternate method of monitoring is available via the plant process computer subcooling calculation.

The initial attempts to fully repair RCS Subcooling Margin Monitor 'B' were unsuccessful. VCSNS is continuing to troubleshoot the monitor in an attempt to repair it. Concurrently, VCSNS is developing an Engineering Change Request to replace the monitor during its upcoming Refueling Outage RF-25 (May 2020), if repair attempts are unable to restore operability.

Should you have any questions, please call Michael S. Moore at (803) 345-4752.

Sincerely,

A handwritten signature in blue ink, appearing to read "George A. Lippard".

George A. Lippard
Site Vice President
V.C. Summer Nuclear Station

Commitments contained in this letter: None

cc: G. J. Lindamood – Santee Cooper
L. Dudes – NRC Region II
S. A. Williams – NRC Project Manager
NRC Resident Inspector

bc: R. R. Haselden - VCS
J. H. Hamilton - VCS
C. D. Sly - IN2SE
M. S. Moore - VCS
J. A. Langan - MPS
N. Turner - NAPS
R. Philpot – SPS
James Roth – IN2SE
Stacey Nelson – IN2SE
W. S. Blair – RS
RTS (CR-19-03018)
File (818.08)
PRSF – VCS

Concurrences

See Correspondence Routing and Approval CHOP Sheet

Verification of Accuracy

None

Action Plan

None

Changes to the UFSAR, USAR, QA Topical Report, ISFSI FSAR, DSAR or PSDAR

None