

V.C. Summer Nuclear Station
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March 29, 2021

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

Serial No. 21-101
VCS LIC/HK/Rev 0
Docket No. 50-395
License No. NPF-12

DOMINION ENERGY SOUTH CAROLINA (DESC)
VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1
SPECIAL REPORT 2021-001
INOPERABLE LOOSE-PART MONITORING SYSTEM CHANNEL

Dominion Energy South Carolina, Inc. (DESC) is submitting this Special Report 2021-001 pursuant to the requirements of Technical Specifications (TS) 3.3.3.10 Action a and TS 6.9.2. This special report is required by VCSNS TS because Loose Part Monitoring System (LPMS) Channel 8 has been inoperable for greater than 30 days.

LPMS Channel 8, monitoring Steam Generator (SG) "C," was declared inoperable on February 24, 2021 due to erratic operation, ostensibly caused by an intermittent connection in the Channel 8 signal transducer (IAT00758) circuit. Channel 8 has been disabled in LPMS. However, SG "C" LPMS Channel 9 continues to monitor SG "C" for loose parts, only without Channel 8 coincidence. Loss of dual channel coincidence merely reduces one aspect of the false alarm filtering functionality. The failed transducer (IAT00758) is scheduled for repair or replacement during Refuel 26 in Fall 2021.

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

Sincerely,

A handwritten signature in black 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
V. Thomas – NRC Project Manager
NRC Resident Inspector