

V.C. Summer Nuclear Station
Bradham Blvd & Hwy 215, Jenkinsville, SC 29065
Mailing Address:
P.O. Box 88, Jenkinsville, SC 29065
DominionEnergy.com



March 29, 2022

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

Serial No. 22-097
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 2022-002
INOPERABLE RADIATION MONITORING INSTRUMENTATION CHANNEL

Dominion Energy South Carolina, Inc. (DESC) hereby submits Special Report 2022-002 pursuant to the requirements of Technical Specification (TS) 6.9.2, as required by Action 30 of TS 3.3.3.1.b, Table 3.3-6, RADIATION MONITORING INSTRUMENTATION, Item 2.d.iii.

Purge Exhaust Effluent High Range Radiation Monitor, RM-A14, was declared inoperable on March 16, 2022, at 1607, due to erratic spiking indications. Upon declaring RM-A14 inoperable, VCSNS implemented a preplanned alternate method of monitoring in accordance with the requirements of Action 30 of TS Table 3.3-6. A replacement for the failed radiation monitor has been ordered and is scheduled to be on site approximately mid-April 2022.

RM-A14 provides radiation monitoring for the Reactor Building Purge Exhaust System as described within Final Safety Analysis Report (FSAR) section 9.4.8.2.2 Reactor Building Purge Supply and Exhaust System, FSAR Figure 9.4-28, and FSAR section 11.4 Process and Effluent Radiological Monitoring Systems.

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", written over a light blue horizontal line.

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
G. Miller – NRC Project Manager
NRC Resident Inspector