

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



January 14, 2022

Ms. Danylin Bock
Radiological Emergency Preparedness Manager
South Carolina Emergency Management Division
2779 Fish Hatchery Rd.
West Columbia, SC 29172

RC-22-0004
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
2021 ANNUAL LETTER OF CERTIFICATION AND TESTING RESULTS OF THE PUBLIC
ALERTING SYSTEM

Attached is the 2021 Annual Letter of Certification and the results of the siren testing program for VCSNS, provided pursuant to FEMA Guidance Memorandum PR-1 and NUREG-0654. With respect to the 2021 Testing Results of the Public Alerting System, the average annual operability for 2021 was 99.97%. Corrective action was taken following each test to correct any failure or malfunction identified.

Should you have any questions, please contact Mr. Ty Tharp at (803) 931-5569.

Sincerely,

A handwritten signature in black ink, appearing to read "George A. Lippard", with a stylized flourish at the end.

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

Attachment I – 2021 Annual Letter of Certification
Attachment II – 2021 Testing Results of the Public Alerting System

Commitments contained in this letter: None

cc: (Without Attachments Unless Indicated)
Kim Stenson, Director – SC Emergency Management Division
M. Kalec, Emergency Manager – Richland County Emergency Services
T. Long, Director, Public Safety – Newberry County Disaster Preparedness Agency
W. Jeffcoat, Emergency Manager – Lexington County Emergency Management Division
B. Douglas, Director – Fairfield County Emergency Preparedness Agency

**VIRGIL C. SUMMER NUCLEAR STATION UNIT 1
2021 ANNUAL LETTER OF CERTIFICATION**

This Annual Letter of Certification is to certify the maintenance and dissemination of public information by V.C. Summer Nuclear Station (VCSNS).

1. A statement that annual dissemination of information to the public was performed, and that the information includes how the public will be notified and what their actions should be in an emergency. The statement must include:
 - a. Dates of dissemination
 - b. Means of dissemination
 - c. Identification of recipients

VCSNS disseminates a Public Information Calendar on an annual basis. This dissemination normally occurs in the 4th quarter of the preceding year and began in December 2021 for the 2022 calendar year. The Public Information Calendars are delivered to every mailing address in the Emergency Planning Zone (EPZ) via the US Postal Service (USPS). The USPS identifies the recipients by use of the postal delivery routes.

2. A statement that emergency information was disseminated to locations frequented by transient populations in the EPZ, including (if applicable) hotels, motels, gas stations, phone booths, parks, marinas, boats, and other recreational areas. The statement must include:
 - a. Dates of dissemination
 - b. Means of dissemination
 - c. Identification of locations where information was distributed or posted
 - d. Any other organizations responsible for distribution

Annually, VC Summer Nuclear Station disseminates, and/or verifies current, informational signs located throughout the plume exposure pathway that provide the transient population instructions on obtaining local emergency information should an emergency or accident occur. These signs are inspected annually for legibility and information, using plant procedures, which also includes an assessment of the need for signs at additional locations. These signs were verified on 11/30/2021. VCSNS is responsible for these signs. The signs are posted in locations in the EPZ that are frequented by transient populations as follows:

- VCSNS Firing Range
- Fairfield Sportsman Club
- Overlook Park - Hwy 215
- Hwy 215 Boat Landing
- Monticello EZ-Mart Grocery - Hwy 215 & 99

- Highway 99 Causeway
- Highway 99 Lake Monticello Boat Landing
- Lake Monticello Sub Impoundment Entrance
- Salem Crossroads Store - Hwy 215 & 34
- Hwy 215 Broad River Camp Ground
- Hwy 34 Primitive Boat Landing
- Entrance to Broad River Water Fowl Area
- 3-B Corner - Hwy 34 & 28
- Heller's Creek Boat Landing
- Cannons Creek Boat Landing
- Pomaria Trailhead
- Quick Food Mart - Pomaria
- Wilson's II - Hwy 76 in Lt. Mountain
- Wicker's Store - Hwy 213
- Pinner's Bridge Primitive Boat Landing
- Alston Trailhead
- Gill's 6 to 10 - Hwy 215

3. A statement (if applicable) that yearly maintenance and updates on emergency public information signs located along rivers, parks, and other recreational areas were performed. This statement also:
- a. Certifies that parks and other recreational areas were not expanded, nor were new transient areas added to the plume EPZ. If expansions or additions were made, a statement must be provided that the appropriate additional signs were installed.
 - b. Identifies organizations responsible for maintenance/updates.

Yearly maintenance and updates on emergency public information signs located along rivers, parks, and other recreational areas was performed on 11/30/2021. These signs are inspected annually for legibility and information, using plant procedures, which also includes an assessment of the need for signs at additional locations. VCSNS is responsible for these signs.

4. A statement (if applicable) that annual media program was conducted to acquaint news media with emergency plans/procedures, information concerning radiation, and points of contact for release of public information in emergency. The statement must include:
- a. Date(s) held
 - b. Agencies/organizations invited/participated
 - c. Organizations that sponsored the program
 - d. Description of program

VCSNS, in conjunction with Dominion Energy Public Affairs, offers programs (at least annually) to acquaint news media with the Emergency Plan, information concerning radiation, and points of contact for release of public information in an

emergency. This program was completed electronically due to the ongoing COVID-19 Pandemic. This activity concluded on 1/29/2021. The following agencies were visited or participated:

- WACH News
- WIS News*
- WOLO News*
- The State
- WLTX*
- Newberry Observer
- SCETV*

*Visited in person to deliver calendars and answer any outstanding questions.

This program was sponsored by DESC Public Affairs. The program provided an opportunity for the media outlet representatives to receive the Public Information Calendar and be provided with information on Emergency Planning at the VC Summer Nuclear Station.

**VIRGIL C. SUMMER NUCLEAR STATION UNIT 1
SIREN TESTING PROGRAM FOR 2021**

<u>TYPE OF TEST</u>	<u>SUCCESSFUL TEST/TOTAL TESTED</u>		
SILENT TEST	2724/2725	=	99.96%
GROWL TEST	327/327	=	100.00%
COMPLETE CYCLE TEST (PERFORMED 04/06/21)	109/109	=	100.00%
AVERAGE ANNUAL OPERABILITY	3160/3161	=	99.97%

NOTES:

Preventive maintenance on the sirens was performed throughout 2021.
Sirens were replaced as the primary Alert/Notification System by IPAWS-WEA per a FEMA approved ANS Design Report, effective 12/21/21.