



May 20, 2024

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Serial No. 24-190
NRA/SS R0
Docket No. 50-395
License No. NPF-12

DOMINION ENERGY SOUTH CAROLINA, INC. (DESC)
VIRGIL C. SUMMER NUCLEAR STATION (VCSNS) UNIT 1
LICENSE AMENDMENT REQUEST – EMERGENCY RESPONSE ORGANIZATION
(ERO) AUGMENTATION TIME CHANGE, EMERGENCY OPERATIONS FACILITY
RELOCATION AND OTHER EMERGENCY PLAN CHANGES
SUPPLEMENTAL RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

By letter dated June 8, 2023 (Agencywide Document Access and Management System Package Accession No. ML23159A233), Dominion Energy South Carolina, Inc. (DESC), submitted a license amendment request (LAR) regarding a revision to the emergency plan for Virgil C. Summer Nuclear Station (VCSNS) Unit 1.

By letter dated March 26, 2024 (ADAMS Accession No. ML24087A218), DESC provided the response to a request for additional information (RAI) from the NRC. Based on clarifying discussion with the NRC, DESC has decided to supplement the response to question RAI-1.

Attachment 1 provides DESC's supplemental response to the RAI. Marked-up and clean copy revisions to the affected pages of the VCSNS Emergency Plan are provided in Attachments 2 and 3, respectively.

If you have any questions or require additional information, please contact Mr. Shayan Sinha at (804) 273-4687.

Sincerely,



James E. Holloway

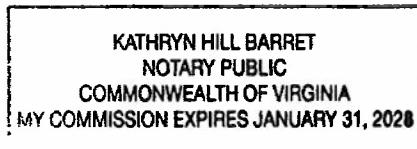
Vice President – Nuclear Engineering and Fleet Support

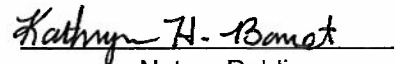
COMMONWEALTH OF VIRGINIA)
)
COUNTY OF HENRICO)

The foregoing document was acknowledged before me, in and for the County and Commonwealth aforesaid, today by Mr. James E. Holloway, who is Vice President – Nuclear Engineering & Fleet Support, of Dominion Energy South Carolina, Inc. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 20th day of May, 2024.

My Commission Expires: January 31, 2028.




Notary Public

Commitments made in this letter: None

Attachments:

1. Supplemental Response to Request for Additional Information
2. Virgil C. Summer Nuclear Station Unit 1, Marked-up Emergency Plan Pages
3. Virgil C. Summer Nuclear Station Unit 1, Clean Emergency Plan Pages

cc: U.S. Nuclear Regulatory Commission, Region II
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ATTACHMENT 1

Supplemental Response to Request for Additional Information

**DOMINION ENERGY SOUTH CAROLINA
VIRGIL C. SUMMER NUCLEAR STATION UNIT 1**

By letter dated June 8, 2023 (Agencywide Document Access and Management System Package Accession No. ML23159A233), Dominion Energy South Carolina, Inc. (DESC), submitted a license amendment request (LAR) regarding a revision to the emergency plan for Virgil C. Summer Nuclear Station (VCSNS) Unit 1.

By letter dated March 26, 2024 (ADAMS Accession No. ML24087A218), DESC provided supplemental information in response to a request for additional information (RAI) from the NRC. Based on clarifying discussion with the NRC, DESC has decided to supplement the response to question RAI-1.

This attachment provides DESC's supplemental responses to the RAI.

Background

Question RAI-1 from the NRC's RAI dated March 1, 2024 (ML24061A189) requested clarification on how the Shift Manager will be relieved of either the Shift Manager or Emergency Director functions (command and control) within 60 minutes of an alert or higher classification. DESC provided a response to RAI-1 by letter dated March 26, 2024 (ADAMS Accession No. ML24087A218).

The NRC reviewer requested additional clarification on RAI-1 regarding how the additional responsibilities for oversight of the 60-minute RP and Maintenance responders will be handled during the time between 60 and 90 minutes, to allow the Shift Manager to focus on emergency functions.

Dominion Supplemental Response to RAI-1

DESC proposes to amend its RAI-1 response related to performance of the oversight function for responders augmented at 60-minutes.

The Dose Assessment Team Leader, who is already identified as a 60-minute responder, will provide oversight of on-shift and augmented 60-minute RP Technicians.

DESC also proposes to revise Table B-1a of the VCSNS Emergency Plan to assign the OSC Director position as a 60-minute responder instead of a 90-minute responder. This will allow the OSC Director to provide oversight of the 60-minute Mechanical and Electrical Maintenance responders.

These positions will provide additional support to the Shift Manager during the period between 60 and 90 minutes after an event, until augmented by the Technical Support Center (TSC) Station Emergency Manager and Technical Support Manager in the Corporate Emergency Response Center (CERC). Clean and marked-up copies of the

revised Table B-1a and Figure B-1b showing these changes are included in Attachments 2 and 3, respectively.

ATTACHMENT 2

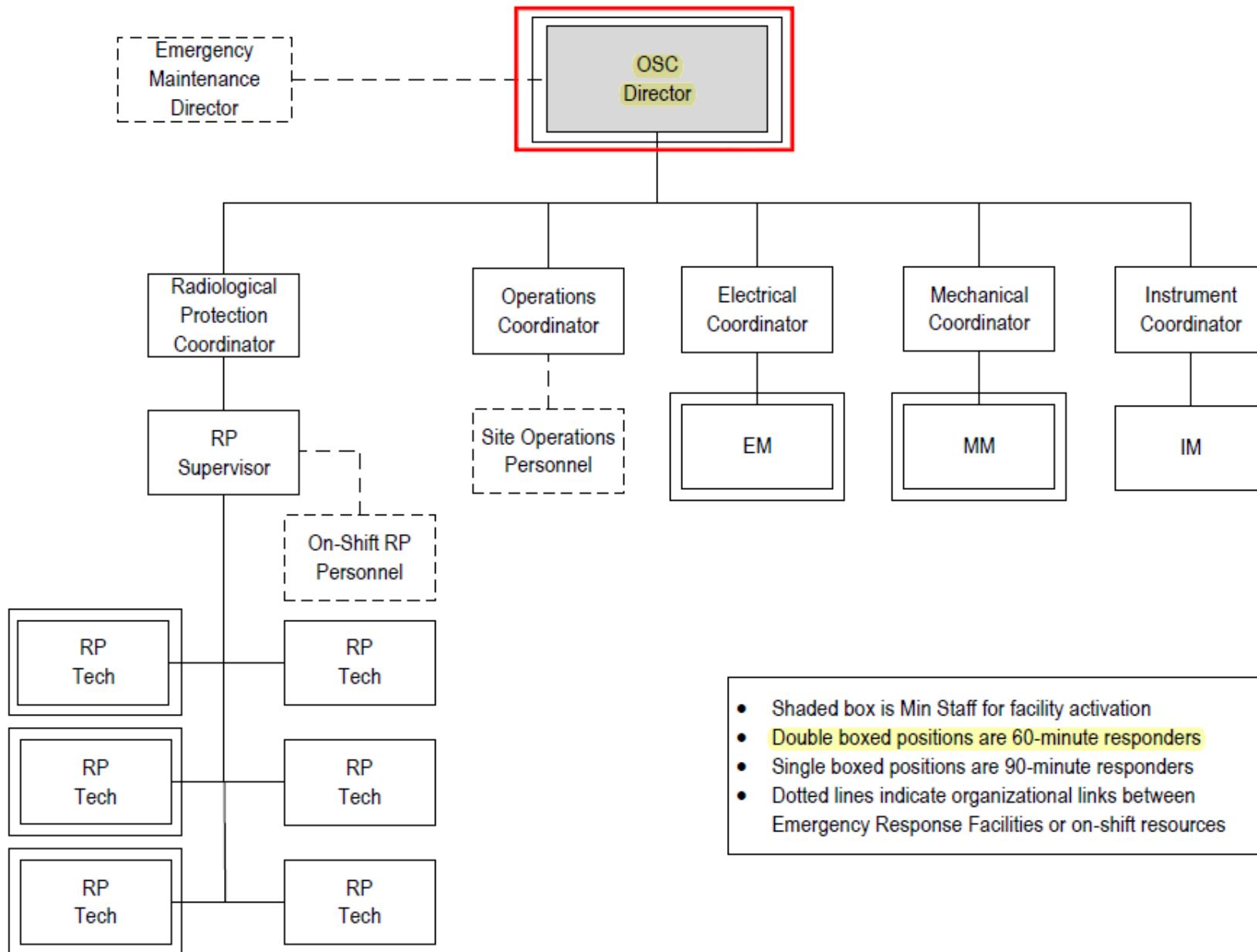
Virgil C. Summer Nuclear Station Unit 1

Marked-up Emergency Plan Pages

**DOMINION ENERGY SOUTH CAROLINA
VIRGIL C. SUMMER NUCLEAR STATION UNIT 1**

Functional Area	Major Tasks	Emergency Positions	Shift Staffing	60 Minutes	90 Minutes
Emergency Direction and Control	Classification/Oversight	Shift Manager (SRO)	1	----	----
		Station Emergency Manager (TSC)	----	----	1
		Emergency Operations Director (TSC)	----	----	1
		Technical Support Manager (CERC)	----	----	1
Notification & Communication	Licensee, Local/State & Federal	Emergency Communicator	1	----	----
		State/Local Communicator (TSC)	----	----	1
		NRC Emergency Communicator (CR/TSC)	----	1	----
		State/local Communicator (CERC)	----	----	1
Radiological Accident Assessment	Offsite Dose Assessment	Shift Dose Assessor	1*	----	----
		Radiological Assessment Director (TSC)	----	----	1
		Dose Assessment Team Leader (TSC)	----	1	----
		Radiological Assessment Coordinator (CERC)	----	----	1
		Dose Assessor (CERC)	----	----	1
		Operations Support Coordinator (CERC)	----	----	1
	Offsite Surveys	Offsite Monitoring Leader	----	1	1
Offsite Monitoring Driver		----	1	1	
In-plant / On-Site (out-of-plant) Surveys and Protective Actions	RP Technician	2	3	3	
	Technical Support	Shift Technical Advisor (SRO/STA)	1	----	----
		Reactor Engineer (TSC)	----	----	1
Electrical Engineer (TSC)		----	----	1	
Mechanical Engineer (TSC)		----	----	1	
Repair and Corrective	Repair and Corrective Actions	Mechanical Maintenance (OSC)	----	1	----
		Electrical Maintenance (OSC)	----	1	----
		I&C Maintenance (OSC)	----	----	1
		OSC Director (OSC)	----	1	1
		Mech. Maintenance Coordinator (OSC)	----	----	1
		Elec. Maintenance Coordinator (OSC)	----	----	1
		I&C Maintenance Coordinator (OSC)	----	----	1
		Site RP Coordinator (OSC)	----	----	1
TOTAL:			5	910	223

*May be performed by someone filling another position having functional qualifications



ATTACHMENT 3

Virgil C. Summer Nuclear Station Unit 1

Clean Emergency Plan Pages

Functional Area	Major Tasks	Emergency Positions	Shift Staffing	60 Minutes	90 Minutes
Emergency Direction and Control	Classification/Oversight	Shift Manager (SRO)	1	----	----
		Station Emergency Manager (TSC)	----	----	1
		Emergency Operations Director (TSC)	----	----	1
		Technical Support Manager (CERC)	----	----	1
Notification & Communication	Licensee, Local/State & Federal	Emergency Communicator	1	----	----
		State/Local Communicator (TSC)	----	----	1
		NRC Emergency Communicator (CR/TSC)	----	1	----
		State/local Communicator (CERC)	----	----	1
Radiological Accident Assessment	Offsite Dose Assessment	Shift Dose Assessor	1*	----	----
		Radiological Assessment Director (TSC)	----	----	1
		Dose Assessment Team Leader (TSC)	----	1	----
		Radiological Assessment Coordinator (CERC)	----	----	1
		Dose Assessor (CERC)	----	----	1
		Operations Support Coordinator (CERC)	----	----	1
	Offsite Surveys	Offsite Monitoring Leader	----	1	1
Offsite Monitoring Driver		----	1	1	
	In-plant / On-Site (out-of-plant) Surveys and Protective Actions	RP Technician	2	3	3
	Plant System Engineering	Technical Support	Shift Technical Advisor (SRO/STA)	1	----
Reactor Engineer (TSC)			----	----	1
Electrical Engineer (TSC)			----	----	1
Mechanical Engineer (TSC)			----	----	1
Repair and Corrective	Repair and Corrective Actions	Mechanical Maintenance (OSC)	----	1	----
		Electrical Maintenance (OSC)	----	1	----
		I&C Maintenance (OSC)	----	----	1
		OSC Director (OSC)	----	1	----
		Mech. Maintenance Coordinator (OSC)	----	----	1
		Elec. Maintenance Coordinator (OSC)	----	----	1
		I&C Maintenance Coordinator (OSC)	----	----	1
		Site RP Coordinator (OSC)	----	----	1
TOTAL:			5	10	22

*May be performed by someone filling another position having functional qualifications

