



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 29, 2016

Mr. C. R. Pierce
Regulatory Affairs Director
Southern Nuclear Operating Company, Inc.
P. O. Box 1295 / Bin - 038
Birmingham, AL 35201-1295

SUBJECT: VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2, TECHNICAL
SPECIFICATIONS ISSUED WITH AMENDMENTS (CAC NOS. MF6213 AND
MF6214)

Dear Mr. Pierce:

On March 21, 2016, the U.S. Nuclear Regulatory Commission (NRC) issued Amendment No. 178 to Renewed Facility Operating License No. NPF-68 and Amendment No. 159 to Renewed Facility Operating License No. NPF-81 for the Vogtle Electric Generating Plant, Units 1 and 2, respectively. The amendments consisted of changes to the Technical Specifications (TSs) in response to your application dated May 12, 2015, as supplemented on September 21, 2015, November 25, 2015 and January 28, 2016.

The enclosure provides the eight TS pages that were inadvertently omitted from the distribution copy of the amendment issued on March 21, 2016.

Sincerely,

Bob Martin
Bob Martin, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-424 and 50-425

Enclosure: TS pages for:

1. Amendment No. 178 to NPF-68
2. Amendment No. 159 to NPF-81

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ENCLOSURE

Technical Specification pages for

Amendment No. 178 to Renewed Facility Operating License No. NPF-68

and

Amendment No. 159 to Renewed Facility Operating License No. NPF-81

Southern Nuclear Operating Company, Inc.

Vogtle Electric Generating Plant, Units 1 and 2

Docket Nos. 50-424 and 50-425

TECHNICAL SPECIFICATION PAGES
FOR LICENSE AMENDMENT NO. 178
TO RENEWED FACILITY OPERATING LICENSE NO. NPF-68
AND FOR LICENSE AMENDMENT NO. 159
TO RENEWED FACILITY OPERATING LICENSE NO. NPF-81

Replace the following pages of the Appendix "A" Technical Specifications (TSs) with the enclosed pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

TSs

3.4.6-3
3.4.7-3
3.4.8-3
3.5.2-2
3.6.6-2
3.6.6-3
3.9.5-2
3.9.6-2

Insert

TSs

3.4.6-3
3.4.7-3
3.4.8-3
3.5.2-2
3.6.6-2
3.6.6-3
3.9.5-2
3.9.6-2

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.4.6.3	Verify correct pump breaker alignment and indicated power are available to the required pump that is not in operation.	In accordance with the Surveillance Frequency Control Program
SR 3.4.6.4	<p>————NOTES————</p> <ol style="list-style-type: none"> 1. Not required to be performed until 12 hours after entering MODE 4. 2. An operating RHR loop will meet this requirement for the RHR loop running unless the RHR loop is in a low flow system operation. <p>Verify required RHR loop locations susceptible to gas accumulation are sufficiently filled with water.</p>	In accordance with the Surveillance Frequency Control Program

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.4.7.3	Verify correct breaker alignment and indicated power are available to the required RHR pump that is not in operation.	In accordance with the Surveillance Frequency Control Program
SR 3.4.7.4	<p>-----NOTE-----</p> <p>An operating RHR loop will meet this requirement for the RHR loop running unless the RHR loop is in a low flow system operation.</p> <p>Verify required RHR loop locations susceptible to gas accumulation are sufficiently filled with water.</p>	In accordance with the Surveillance Frequency Control Program

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE	FREQUENCY
<p>SR 3.4.8.4 -----NOTE-----</p> <p>An operating RHR loop will meet this requirement for the RHR loop running unless the RHR loop is in a low flow system operation.</p> <p>Verify RHR loop locations susceptible to gas accumulation are sufficiently filled with water.</p>	<p>In accordance with the Surveillance Frequency Control Program</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE			FREQUENCY
SR 3.5.2.1	Verify the following valves are in the listed position with the power lockout switches in the lockout position.		In accordance with the Surveillance Frequency Control Program
<u>Valve Number</u>	<u>Valve Function</u>	<u>Valve Position</u>	
HV-8835	SI Pump Cold Leg Inj.	OPEN	
HV-8840	RHR Pump Hot Leg Inj.	CLOSED	
HV-8813	SI Pump Mini Flow Isol.	OPEN	
HV-8806	SI Pump Suction from RWST	OPEN	
HV-8802A, B	SI Pump Hot Leg Inj.	CLOSED	
HV-8809A, B	RHR Pump Cold Leg Inj.	OPEN	
SR 3.5.2.2	<p>-----NOTE-----</p> <p>Not required to be met for system vent flow paths opened under administrative control</p> <p>-----</p> <p>Verify each ECCS manual, power operated, and automatic valve in the flow path, that is not locked, sealed, or otherwise secured in position, is in the correct position.</p>		In accordance with the Surveillance Frequency Control Program
SR 3.5.2.3	Verify ECCS locations susceptible to gas accumulation are sufficiently filled with water.		In accordance with the Surveillance Frequency Control Program
SR 3.5.2.4	Verify each ECCS pump's developed head at the test flow point is greater than or equal to the required developed head.		In accordance with the Inservice Testing Program
SR 3.5.2.5	Verify each ECCS automatic valve in the flow path that is not locked, sealed, or otherwise secured in position actuates to the correct position on an actual or simulated actuation signal.		In accordance with the Surveillance Frequency Control Program

(continued)

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.6.6.1	<p>-----NOTE-----</p> <p>Not required to be met for system vent flow paths opened under administrative control.</p> <p>Verify each containment spray manual, power operated, and automatic valve in the flow path that is not locked, sealed, or otherwise secured in position is in the correct position.</p>	In accordance with the Surveillance Frequency Control Program
SR 3.6.6.2	Operate each containment cooling train fan unit for ≥ 15 minutes.	In accordance with the Surveillance Frequency Control Program
SR 3.6.6.3	Verify each pair of containment fan coolers cooling water flow rate is ≥ 1359 gpm.	In accordance with the Surveillance Frequency Control Program
SR 3.6.6.4	Verify each containment spray pump's developed head at the flow test point is greater than or equal to the required developed head.	In accordance with the Inservice Testing Program
SR 3.6.6.5	Verify each automatic containment spray valve in the flow path that is not locked, sealed, or otherwise secured in position actuates to the correct position on an actual or simulated actuation signal.	In accordance with the Surveillance Frequency Control Program
SR 3.6.6.6	Verify each containment spray pump starts automatically on an actual or simulated actuation signal.	In accordance with the Surveillance Frequency Control Program

(continued)

Containment Spray and Cooling Systems
3.6.6

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.6.6.7	Verify each containment cooling train starts automatically on an actual or simulated actuation signal.	In accordance with the Surveillance Frequency Control Program
SR 3.6.6.8	Verify each spray nozzle is unobstructed.	In accordance with the Surveillance Frequency Control Program
SR 3.6.6.9	Verify containment spray locations susceptible to gas accumulation are sufficiently filled with water.	In accordance with the Surveillance Frequency Control Program

RHR and Coolant Circulation - High Water Level
3.9.5

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. (continued)	A.4 Close all containment penetrations providing direct access from containment atmosphere to outside atmosphere.	4 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.9.5.1	Verify one RHR loop is in operation and circulating reactor coolant at a flow rate of ≥ 3000 gpm.	In accordance with the Surveillance Frequency Control Program
SR 3.9.5.2	<p style="text-align: center;">-----NOTE-----</p> <p>An operating RHR loop will meet this requirement for the RHR loop running unless the RHR loop is in a low flow system operation.</p> <p>Verify required RHR loop locations susceptible to gas accumulation are sufficiently filled with water.</p>	In accordance with the Surveillance Frequency Control Program

RHR and Coolant Circulation – Low Water Level
3.9.6

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
B. (continued)	B.2 Initiate action to restore one RHR loop to operation.	Immediately
	<u>AND</u> B.3 Close all containment penetrations providing direct access from containment atmosphere to outside atmosphere.	4 hours

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
SR 3.9.6.1 Verify one RHR loop is in operation and circulating reactor coolant at a flow rate of ≥ 3000 gpm.	In accordance with the Surveillance Frequency Control Program
SR 3.9.6.2 <u>NOTE</u> An operating RHR loop will meet this requirement for the RHR loop running unless the RHR loop is in a low flow system operation. Verify RHR loop locations susceptible to gas accumulation are sufficiently filled with water.	In accordance with the Surveillance Frequency Control Program

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RidsNrrDssStsb Resource	Recordsamend Resource	

ADAMS Accession Nos. PKG ML16088A386

LTR w/ TS Pages ML16088A384

License Amendment ML16063A475

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