



Entergy Operations, Inc.
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10 CFR 50.90

GNRO-2019/00013

March 13, 2019

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555-0001

SUBJECT: Supplement 1 to Revise Technical Specifications to Adopt Technical Specification Task Force Traveler TSTF-542, "Reactor Pressure Vessel Water Inventory Control"
Grand Gulf Nuclear Station, Unit 1
Docket No. 50-416
License No. NPF-29

REFERENCE: 1. Letter from E.A. Larson (Entergy) to Document Control Desk (NRC) dated April 10, 2018, "Application to Revise Technical Specifications to Adopt Technical Specification Task Force Traveler TSTF-542, 'Reactor Pressure Vessel Water Inventory Control'" (NRC Agencywide Documents Access and Management System (ADAMS) Accession No. ML18100B304)

2. Letter from E.A. Larson (Entergy) to Document Control Desk (NRC) dated October 23, 2018, "Supplement to Revise Technical Specifications to Adopt Technical Specification Task Force Traveler TSTF-542, 'Reactor Pressure Vessel Water Inventory Control'" (NRC ADAMS Accession No. ML18297A380)

Dear Sir or Madam:

In Reference 1, as supplemented in Reference 2, Entergy Operations, Inc. (Entergy) requested an amendment to Renewed Facility Operating License No. NPF-29 for the Grand Gulf Nuclear Station, Unit 1 (GGNS). The proposed change will replace existing Technical Specification (TS) requirements related to "operations with a potential for draining the reactor vessel" with new requirements on Reactor Pressure Vessel Water Inventory Control to protect Safety Limit 2.1.1.3. This supplement provides corrected pages that supplant equivalent pages provided in References 1 and 2.

The attachment to this letter provides a correction to proposed TS page 3.3-43d in the markup and clean typed GGNS Technical Specifications provided in Attachments 2 and 3 of the initial TSTF-542 submittal as previously supplemented.

No new regulatory commitments are made in this supplement. The corrections provided in this supplement do not impact the no significant hazards consideration analysis described in the initial submittal (Reference 1).

In accordance with 10 CFR 50.91, "Notice for public comment; State consultation," a copy of this supplement, with attachment, is being provided to designated State of Mississippi Official.

If you should have any questions regarding this submittal, please contact Douglas A. Neve, Manager Regulatory Assurance, at 601.437.2103.

I declare under penalty of perjury that the foregoing is true and correct. Executed on March 13, 2019.

Sincerely,



Eric A. Larson

EAL/rws

Attachment: Corrections Made to Markup and Clean Typed Technical Specification (TS)
Pages

cc: NRC Region IV - Regional Administrator
NRC Senior Resident Inspector, Grand Gulf Nuclear Station
Dr. Mary Currier, State Health Officer, Mississippi Department of Health
NRR Project Manager

Attachment to GNRO-2019/00013

Corrections Made to Markup and Clean Typed Technical Specification (TS) Pages

Page 1 replaces markup of TS page 3.3-43d

Page 2 replaces clean typed TS page 3.3-43d

This is a new page

Table 3.3.5.2-1 (page 1 of 2)
RPV Water Inventory Control Instrumentation

<u>FUNCTION</u>	<u>APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS</u>	<u>REQUIRED CHANNELS PER FUNCTION</u>	<u>CONDITIONS REFERENCED FROM REQUIRED ACTION A.1</u>	<u>SURVEILLANCE REQUIREMENTS</u>	<u>ALLOWABLE VALUE</u>
<u>1. Low Pressure Coolant Injection-A (LPCI) and Low Pressure Core Spray (LPCS) Subsystems</u>					
a. <u>Reactor Vessel Pressure - Low (Injection Permissive)</u>	<u>4, 5</u>	<u>3^(a)</u>	<u>C</u>	<u>SR 3.3.5.2.1 SR 3.3.5.2.2</u>	<u>≤ 534 psig</u>
b. <u>LPCS Pump Discharge Flow - Low (Bypass)</u>	<u>4, 5</u>	<u>1^(a)</u>	<u>E</u>	<u>SR 3.3.5.2.1 SR 3.3.5.2.2</u>	<u>≥ 1285 gpm</u>
c. <u>LPCI Pump A Discharge Flow - Low (Bypass)</u>	<u>4, 5</u>	<u>1^(a)</u>	<u>E</u>	<u>SR 3.3.5.2.1 SR 3.3.5.2.2</u>	<u>≥ 1133 gpm</u>
d. <u>Manual Initiation</u>	<u>4, 5</u>	<u>1^(a)</u>	<u>E</u>	<u>SR 3.3.5.2.3</u>	<u>NA</u>
<u>2. LPCI B and LPCI C Subsystems</u>					
a. <u>Reactor Vessel Pressure - Low (Injection Permissive)</u>	<u>4, 5</u>	<u>3^(a)</u>	<u>C</u>	<u>SR 3.3.5.2.1 SR 3.3.5.2.2</u>	<u>≤ 534 psig</u>
b. <u>LPCI Pump B and LPCI Pump C Discharge Flow - Low (Bypass)</u>	<u>4, 5</u>	<u>1 per pump^(a)</u>	<u>E</u>	<u>SR 3.3.5.2.1 SR 3.3.5.2.2</u>	<u>≥ 1133 gpm</u>
c. <u>Manual Initiation</u>	<u>4, 5</u>	<u>1^(a)</u>	<u>E</u>	<u>SR 3.3.5.2.3</u>	<u>NA</u>

(continued)

(a) Associated with an ECCS subsystem required to be OPERABLE by LCO 3.5.2, "Reactor Pressure Vessel (RPV) Water Inventory Control."

Table 3.3.5.2-1 (page 1 of 2)
RPV Water Inventory Control Instrumentation

FUNCTION	APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS	REQUIRED CHANNELS PER FUNCTION	CONDITIONS REFERENCED FROM REQUIRED ACTION A.1	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
1. Low Pressure Coolant Injection-A (LPCI) and Low Pressure Core Spray (LPCS) Subsystems					
a. Reactor Vessel Pressure - Low (Injection Permissive)	4, 5	3 ^(a)	C	SR 3.3.5.2.1 SR 3.3.5.2.2	≤ 534 psig
b. LPCS Pump Discharge Flow - Low (Bypass)	4, 5	1 ^(a)	E	SR 3.3.5.2.1 SR 3.3.5.2.2	≥ 1285 gpm
c. LPCI Pump A Discharge Flow - Low (Bypass)	4, 5	1 ^(a)	E	SR 3.3.5.2.1 SR 3.3.5.2.2	≥ 1133 gpm
d. Manual Initiation	4, 5	1 ^(a)	E	SR 3.3.5.2.3	NA
2. LPCI B and LPCI C Subsystems					
a. Reactor Vessel Pressure - Low (Injection Permissive)	4, 5	3 ^(a)	C	SR 3.3.5.2.1 SR 3.3.5.2.2	≤ 534 psig
b. LPCI Pump B and LPCI Pump C Discharge Flow - Low (Bypass)	4, 5	1 per pump ^(a)	E	SR 3.3.5.2.1 SR 3.3.5.2.2	≥ 1133 gpm
c. Manual Initiation	4, 5	1 ^(a)	E	SR 3.3.5.2.3	NA

(continued)

(a) Associated with an ECCS subsystem required to be OPERABLE by LCO 3.5.2, "Reactor Pressure Vessel (RPV) Water Inventory Control."