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GNRO-2008/00069

October 22, 2008

U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Technical Specification Bases and Technical Requirements Manual
Update to the NRC for Period Dated October 22, 2008

Grand Gulf Nuclear Station
Docket No. 50-416
License No. NPF-29

Dear Sir and Madam:

Pursuant to Grand Gulf Nuclear Station (GGNS) Technical Specification 5.5.11, Entergy Operations, Inc. hereby submits an update of all changes made to GGNS Technical Specification Bases and Technical Requirements Manual since the last submittal (GNRO-2008/00025 dated March 5, 2008 and GNRO-2008/00005 dated January 10, 2008 to the NRC from GGNS). This update is consistent with update frequency listed in 10CFR50.71(e).

This letter does not contain any commitments.

Should you have any questions, please contact Michael Larson at (601) 437-6685.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael J. Larson", followed by a long horizontal line.

Michael J. Larson
Acting-Manager Licensing

MJL
attachment: GGNS Technical Specification Bases
cc: (See Next Page)

cc:

NRC Senior Resident Inspector Grand Gulf Nuclear Station Port Gibson, MS 39150	
U.S. Nuclear Regulatory Commission ATTN: Mr. Elmo E. Collins, Jr. (w/2) 611 Ryan Plaza Drive, Suite 400 Arlington, TX 76011-4005	ALL LETTERS
U.S. Nuclear Regulatory Commission ATTN: Mr. Carl F. Lyon, NRR/DORL (w/2) ATTN: ADDRESSEE ONLY ATTN: Courier Delivery Only Mail Stop OWFN/8 B1 11555 Rockville Pike Rockville, MD 20852-2378	ALL LETTERS – COURIER DELIVERY (FEDEX, ETC.) ADDRESS ONLY - ****DO NOT USE FOR U.S. POSTAL SERVICE ADDRESS***** NOT USED IF EIE USED

ATTACHMENT to GNRO-2008/00069

Grand Gulf Technical Specification Bases Revised Pages

LDC#	BASES PAGES AFFECTED	TOPIC of CHANGE
07044	B 3.4-32a	CHANGE TO REFLECT USE OF NEW RCS LEAKAGE DETECTION INSTRUMENTATION

Grand Gulf Technical Requirements Manual Revised Pages

LDC#	TRM PAGES AFFECTED	TOPIC of CHANGE
08026	6.3-5	COMPLIANCE WITH 10CFR50.68 CRITICALITY MONITORING REQUIREMENTS
08023	7-8, 7-9, and TRB-7	CHANGE TO SNUBBER PROGRAM TO CHANGE TO COMPLIANCE WITH ASME OM CODE SUBSECTION ISTD

BASES

BACKGROUND
(continued)

The Drywell floor drain in-leakage is monitored by the P45 floor drain sump level transmitters and associated instrumentation. The leakage and change in leakage can be determined by monitoring the associated computer point or recorders which calculate leakage based on the level rate of change.

(continued)

TABLE 6.3.1-1
RADIATION MONITORING INSTRUMENTATION

FUNCTION	APPLICABLE MODES OR OTHER SPECIFIED CONDITIONS	REQUIRED CHANNELS	CONDITION REFERENCED FROM REQUIRED ACTION B.1	ALARM SETPOINT	MEASUREMENT RANGE	SURVEILLANCE REQUIREMENTS
9. Area Monitors						
a. Fuel Handling Area Monitors						
1) New Fuel Storage Vault	(b)	1	D	≤2.5 mR/hr	10 ⁻² to 10 ³ mR/hr	SR 6.3.1.1 SR 6.3.1.2 SR 6.3.1.5
2) Spent fuel Storage Pool	(c)	1 (f) (h)	D	≤2.5 mR/hr	10 ⁻² to 10 ³ mR/hr	SR 6.3.1.1 SR 6.3.1.2 SR 6.3.1.5
3) Dryer Storage Area	(d)	1 (g)	D	≤15 mR/hr	10 ⁻² to 10 ³ mR/hr	SR 6.3.1.1 SR 6.3.1.2 SR 6.3.1.5
b. Control Room Radiation Monitor	At all times	1	D	≤0.5 mR/hr	10 ⁻² to 10 ³ mR/hr	SR 6.3.1.1 SR 6.3.1.2 SR 6.3.1.5

* With RHR heat exchangers in operation.

** When irradiated fuel is being handled in the primary or secondary containment.

When CCW System is in operation.

With ADHR heat exchangers in operation.

(a) With irradiated fuel in spent fuel storage pool.

(b) With fuel in the new fuel storage vault.

(c) With fuel in the spent fuel storage pool.

(d) With fuel in the dryer storage area.

(e) The actuation and isolation caused by the Function is covered under other LCOs, except Function 5. Two upscale Hi Hi, one upscale Hi Hi and one downscale, or two downscale signals from the same trip system actuate the trip system and initiate isolation of the associated isolation valves. A channel may be placed in an inoperable status for up to 6 hours for required surveillance without placing the trip system in the tripped condition, provided at least one other OPERABLE channel in the same trip system is monitoring that parameter.

(f) Two monitors are required to meet the requirements of 10CFR72.124.

(g) Monitors that are credited to comply with 10CFR50.68 are 1D21-K626, K627 and K629.

(h) One monitor is required to comply with 10CFR50.68.

- b. a determination that the change will maintain the overall conformance of the solidified waste product to existing requirements of Federal, State, or other applicable regulations.

Shall become effective upon review and acceptance by the OSRC and the approval of the General Manager, Plant Operations.

7.6.3.9 OFFSITE DOSE CALCULATION MANUAL (ODCM)

Licensee initiated changes to the ODCM shall become effective upon review and acceptance by the OSRC.

7.6.3.10 SNUBBER PROGRAM

- 7.6.3.10.1 Snubber testing and visual examinations will be performed in accordance with the ASME OM Code Subsection ISTD and applicable addenda as required.

7.6.3.10.2 Deleted

7.6.3.10.3 Deleted

7.7 REPORTING REQUIREMENTS

7.7.1 ROUTINE REPORTS

In addition to the applicable reporting requirements of Title 10, Code of Federal Regulations, the following reports shall be submitted to the Nuclear Regulatory Commission pursuant to Section 50.4 of 10 CFR Part 50.

7.7.1.1 STARTUP REPORTS

Deleted

7.7.2 SPECIAL REPORTS

Special reports shall be submitted to the Nuclear Regulatory Commission pursuant to Section 50.4 of 10 CFR 50 within the time period specified for each report.

7.7.2.1 ECCS SYSTEM ACTUATIONS

In the event an ECCS system is actuated and injects water into the Reactor Coolant System during Modes 1, 2, or 3, a Special Report shall be prepared and submitted to the Commission within 90 days describing the circumstances of the actuation and the total accumulated actuation cycles to date. The current value of the usage factor for each affected safety injection nozzle shall be provided in this Special Report whenever its value exceeds 0.70.

7.7.2.2 DIESEL GENERATOR FAILURES

Deleted

7.8 RECORD RETENTION

Deleted

TECHNICAL REQUIREMENTS MANUAL BASES

GGNS TRM

BASES

B 7.6.3.10 SNUBBERS

The snubber testing and visual inspection program will be performed in accordance with ASME OM Code Subsection ISTD and applicable addenda as required by 10CFR50.55a.