



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION IV
1600 E LAMAR BLVD
ARLINGTON, TX 76011-4511

November 8, 2016

Mr. Vin Fallacara
Acting Site Vice President Operations
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

**SUBJECT: ASSESSMENT FOLLOW-UP LETTER FOR GRAND GULF NUCLEAR
STATION**

Dear Mr. Fallacara:

As a result of our quarterly review of plant performance, which was completed on November 4, 2016, the NRC updated its assessment of Grand Gulf Nuclear Station. The NRC's evaluation consisted of a review of performance indicators and inspection results. This letter informs you of the NRC's assessment and its plans for a future inspection at your facility. This letter supplements, but does not supersede, the mid-cycle assessment letter issued on August 31, 2016.

The NRC's review of Grand Gulf Nuclear Station identified that the Unplanned Scrams Per 7,000 Critical Hours performance indicator has crossed the Green-to-White threshold. The performance issues included in this performance indicator were associated with a reactor scram that occurred in the first quarter of 2016 due to a turbine trip, a reactor scram that occurred in the second quarter of 2016 due to power oscillations, and a reactor scram that occurred in the second quarter of 2016 due to a closure of turbine control valves.

The NRC determined the performance at Grand Gulf Nuclear Station to be in the Regulatory Response Column of the Reactor Oversight Process Action Matrix beginning the third quarter of 2016. Therefore, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure 95001, "Supplemental Inspection Response to Action Matrix Column 2 Inputs." The objectives of the supplemental inspection are: (1) to assure that the root causes and contributing causes of significant performance issues are understood, (2) to independently assess and assure that the extent of condition and extent of cause of significant performance issues are identified, (3) to assure that corrective actions taken to address and preclude repetition of significant performance issues are prompt and effective, and (4) to assure that corrective plans direct prompt actions to effectively address and preclude repetition of significant performance issues. This inspection will be scheduled after you notify the NRC of your readiness.

In accordance with Title 10 of the Code of Federal Regulations (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact Greg Warnick at 817-200-1144 with any questions you have regarding this letter.

Sincerely,

/RA/

Troy Pruett, Director
Division of Reactor Projects

Docket No. 50-416
License No. NPF-29

V. Fallacara

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Letter to Mr. Vin Fallacara from Troy Pruett dated November 8, 2016

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STATION

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