



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
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ARLINGTON, TEXAS 76011-4511

May 13, 2013

Kevin Mulligan
Site Vice President Operations
Entergy Operations, Inc.
Grand Gulf Nuclear Station
P.O. Box 756
Port Gibson, MS 39150

SUBJECT: FOLLOWUP ASSESSMENT LETTER FOR GRAND GULF NUCLEAR STATION

Dear Mr. Mulligan:

As a result of its continuous review of plant performance, indicators and inspection results, the NRC has updated its assessment of Grand Gulf Nuclear Station. This update supplements, but does not supersede, the annual assessment letter issued on March 4, 2013 (ML13060A231).

Overall, as noted in the annual assessment letter, Grand Gulf Nuclear Station operated in a manner that preserved the public's health and safety and fully met the cornerstone objectives. However, as a result of four unplanned scrams within the last 7,000 critical hours, the performance indicator for Unplanned Scrams per 7,000 Critical Hours was reported as White for the first quarter of 2013.

As a result of this White performance indicator, the NRC has determined that performance of Grand Gulf Nuclear Station is in the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix. Therefore, in addition to ROP baseline inspections, the NRC plans to conduct a supplemental inspection, in accordance with Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," once you have informed us of your readiness for inspection.

In accordance with 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 document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

K. Mulligan

- 2 -

Please contact David Proulx at (817) 200-1144 with any questions you may have regarding this matter.

Sincerely,

/RA/Michael Scott for

Kriss M. Kennedy, Director
Division of Reactor Projects

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