



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

May 8, 2015

Mr. Michael R. Chisum, Vice President  
Entergy Operations, Inc.  
Waterford Steam Electric Station, Unit 3  
17265 River Road  
Killona, LA 70057-0751

**SUBJECT: ASSESSMENT FOLLOW-UP LETTER FOR WATERFORD STEAM ELECTRIC  
STATION, UNIT 3**

Dear Mr. Chisum:

As a result of its quarterly review of plant performance, which was completed on May 5, 2015, the Nuclear Regulatory Commission (NRC) updated its assessment of the Waterford Steam Electric Station, Unit 3. The NRC's evaluation consisted of a review of performance indicators and inspection results. This letter informs you of the NRC's assessment of your facility and supplements, but does not supersede, the annual assessment letter issued on March 4, 2015.

On April 9, 2015, the NRC closed a White finding that was being held open pending successful completion of a supplemental inspection and effective evaluation of the extent of condition of the finding. This finding involved the failure to establish an adequate test program to demonstrate that the train B emergency diesel generator ventilation exhaust fan would perform satisfactorily in service. The NRC initially completed a supplemental inspection using Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area," on October 10, 2014, and documented the results in NRC Inspection Report 05000382/2014011 (ADAMS ML14364A412). During that inspection, the NRC determined that your extent-of-cause review was insufficient, so not all inspection objectives were met, and the White finding remained open and continued to receive consideration as an Action Matrix input. On March 19, 2015, the NRC completed a supplemental re-inspection documented in NRC Inspection Report 05000382/2015010 (ADAMS ML15097A550). Through that inspection, the NRC determined that your staff had identified appropriate corrective actions to revise the emergency diesel generator system operating and surveillance testing procedures to include verifying proper operation of the ventilation exhaust fan, and that your staff had verified that current station guidance clearly defines criteria for implementing an engineering-change process. The NRC also determined that your staff's extent-of-cause evaluation adequately reviewed operating and testing procedures for other safety-related systems, and an adequate assessment of reworked threaded connections or changes in configurations of fastening components in other safety-related systems.

Based on these determinations, the NRC concluded that all inspection objectives of Inspection Procedure 95001 were satisfied. As a result, the NRC determined the performance at the Waterford Steam Electric Station, Unit 3, to be in the Licensee Response Column of the Reactor Oversight Process Action Matrix as of the date of this letter.

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).

If you have questions regarding this letter, please contact Geoff Miller at 817-200-1173.

Sincerely,

***/RA/***

Troy W. Pruett  
Director  
Division of Reactor Projects

Docket: 50-382  
License: NPF-38

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**/RA/**

Troy W. Pruett  
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WAT Assessment Follow-up Ltr.

ML

<input checked="" type="checkbox"/> SUNSI Review By: <b>GBM</b>	ADAMS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Sensitive <input checked="" type="checkbox"/> Non-Sensitive	<input type="checkbox"/> Non-Publicly Available <input checked="" type="checkbox"/> Publicly Available	Keyword NRC-002
OFFICE	SPE:DRP/D	C:DRP/D	D:DRP	
NAME	RHagar	GMiller	TPruett	
SIGNATURE	<b>/RA/</b>	<b>/RA/</b>	<b>/RA by RLantz Acting For</b>	
DATE	05/07/15	05/07/15	05/08/15	

**OFFICIAL RECORD COPY**

Letter to Michael R. Chisum from Troy W. Pruett, dated May 8, 2015

SUBJECT: ASSESSMENT FOLLOW-UP LETTER FOR WATERFORD STEAM ELECTRIC  
STATION, UNIT 3

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