



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 E LAMAR BLVD  
ARLINGTON, TX 76011-4511

April 2, 2014

Mr. Michael Chisum, Site Vice President  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70057-0751

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

Dear Mr. Chisum:

As a result of our continuous review of plant performance, on March 28, 2014, the U. S. 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 and plans for a future inspection at your facility. This letter supplements, but does not supersede, the annual assessment letter issued on March 4, 2014.

In a letter (ML14086A768) dated March 28, 2014, the NRC communicated the final significance determination of a White finding in the Mitigating Systems Cornerstone. The finding involved your staff's failure to identify and perform adequate testing on the train B emergency diesel generator exhaust fan to demonstrate that the exhaust fan would perform satisfactorily in service. As a result, your staff failed to ensure that the safety-related exhaust fan would perform satisfactorily such that it would provide sufficient flow and remove heat during accident conditions.

Based on this finding, the NRC determined the performance at the Waterford Steam Electric Station, Unit 3, to be in the Regulatory Response Column of the Reactor Oversight Process Action Matrix beginning on December 19, 2013, the date the preliminary finding was discussed with your staff at the exit meeting for NRC Inspection Report 05000382/2013008 (ML14030A616). The NRC plans to conduct a supplemental inspection to review the actions taken to address the performance issues using Inspection Procedure 95001, "Supplemental Inspection for One or Two White Inputs in a Strategic Performance Area." The NRC will plan this inspection activity when you provide written notification of your readiness for the inspection.

The supplemental inspection will provide assurance that the root causes and contributing causes of risk-significant performance issues are understood; the extent of condition and extent of cause of risk-significant performance issues are identified; and, the corrective actions for risk-significant performance issues are sufficient to address the root and contributing causes and prevent recurrence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if you choose to provide one, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction.

Please contact Gregory Werner at 817-200-1574 with any questions that you have regarding this letter.

Sincerely,

/RA/

Kriss M. Kennedy, Director  
Division of Reactor Projects

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ADAMS	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> SUNSI Review Complete	Reviewer Initials: MRB
<input checked="" type="checkbox"/> Publicly Available	<input type="checkbox"/> Non-publicly Available	<input type="checkbox"/> Sensitive	<input checked="" type="checkbox"/> Non-sensitive	
SPE:DRP	C:DRP	D:DRP		
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