

November 28, 2001

Mr. John T. Herron  
Vice President Operations  
Entergy Operations, Inc.  
17265 River Road  
Killona, LA 70066-0751

SUBJECT: WATERFORD STEAM ELECTRIC STATION, UNIT 3 - REQUEST FOR  
ADDITIONAL INFORMATION RELATED TO TECHNICAL SPECIFICATION  
CHANGE REGARDING EMERGENCY DIESEL GENERATOR SURVEILLANCE  
REQUIREMENTS (TAC NO. MB2371)

Dear Mr. Herron:

By letter dated July 10, 2001, Entergy Operations, Inc. proposed changes to the Waterford Steam Electric Station, Unit 3 (Waterford 3) Technical Specifications (TS), which will modify TS Surveillance Requirement (SR) 4.8.1.1.2.e to allow performance of specific SRs during any mode of plant operation.

After reviewing your request, the Nuclear Regulatory Commission staff has determined that additional information is required to complete the review. On November 26, 2001, we discussed this information with your staff by telephone and they agreed to provide the additional information requested in the enclosure within 45 days of receipt of this letter.

If you have any questions, please call me at (301) 415-1480.

Sincerely,

*/RA/*

N. Kalyanam, Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-382

Enclosure: Request for Additional Information

cc: See next page

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## REQUEST FOR ADDITIONAL INFORMATION

### ENTERGY OPERATIONS, INC.

#### WATERFORD STEAM ELECTRIC STATION, UNIT 3

1. It is proposed that Surveillance Requirement (SR) 4.8.1.1.2.e.6 be revised to remove the “during shutdown” requirement related to the 24-hour endurance run on the emergency diesel generators (EDGs). Please explain how the EDG output breaker responds to a loss-of-offsite power (LOOP) signal alone when the EDG is in parallel with the offsite power. Also, indicate where the LOOP signal comes from when the EDG is powering the safety bus.

Additionally, if the remaining EDG were to become inoperable during this test, would the test be aborted?

2. It is stated (page 9 of 22, 3<sup>rd</sup> paragraph) that a procedure improvement will be made to include precautions to consider grid stability and severe weather prior to performing the EDG 24-hour endurance test. Does this mean that the EDG 24-hour test will not be performed if severe weather or unstable grid conditions are predicted? Also, please indicate if you intend to propose any administrative controls to preclude performing this surveillance during other maintenance and test conditions that could have adverse effects on the offsite power system or plans for restricting additional maintenance or testing of required safety systems that depend on the remaining EDG as a source.
3. It is proposed that SR 4.8.1.1.2.e.9 be revised to remove the “during shutdown” requirement. This SR requires verification that, with the diesel generator operating in test mode, a simulated safety injection signal overrides the test mode by: 1) returning the diesel generator to standby mode, and 2) automatically energizing the emergency loads with offsite power. Please explain how would you perform the second part of the test during power operation which requires energization of the emergency loads with the offsite power.

Waterford Generating Station 3

cc:

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and State Liaison Officer  
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