



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

June 17, 1992

Docket No. 50-382

Mr. Ross P. Barkhurst  
Vice President Operations  
Entergy Operations, Inc.  
Post Office Box B  
Killona, Louisiana 70066

Dear Mr. Barkhurst:

SUBJECT: SUPPLEMENTAL SAFETY EVALUATION - STATION BLACKOUT RULE  
WATERFORD STEAM ELECTRIC STATION, UNIT 3

The NRC's Safety Evaluation (SE) of Entergy Operations, Inc.'s initial responses to the Station Blackout (SBO) Rule, 10 CFR 50.63, for Waterford 3 was transmitted to you by letter dated January 15, 1992. The NRC staff found the proposed method of coping with an SBO to be acceptable, subject to the satisfactory resolution of nine recommendations. The staff received the response to the recommendations by letter from R. F. Burski dated February 28, 1992.

As noted in the enclosed supplemental safety evaluation (SSE), the NRC finds the responses to be acceptable, except that you should 1) document the loads to be shed and the justification for the loads to be shed from the station batteries (SSE Section 2.2.1), 2) document the basis and justification for the initial temperatures used for the heat-up analysis in the battery rooms and provide an administrative procedure to maintain the initial battery room temperatures consistent with the initial temperatures used in the heat-up analyses (SSE Section 2.2.2), and 3) document how you intend to implement your commitment regarding earlier replacement of the station batteries (SSE Section 2.2.3).

The enclosed SSE documents the NRC's final regulatory assessment of the proposed conformance by Waterford 3 to the SBO Rule.

It is noted that on May 29, 1992, Entergy Operations, Inc., submitted additional information regarding the Emergency Diesel Generator Reliability Program and the shedding of loads from the batteries. If this submittal does not resolve the above concerns in any regard, the details should be documented and kept with plant records. No further submittals are required.

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Mr. Ross. P. Barkhurst

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The 2-year clock for implementation of the SBO Rule in accordance with 10 CFR 50.63 (c)(4) begins running when you receive the enclosed SSE. Therefore, to ensure compliance, you should take the measures indicated in the NRC's SE and SSE. The documentation related to these required analyses and actions should be included for possible future NRC audit with the other documentation maintained by you in support of the SBO Rule implementation.

Sincerely,

ORIGINAL SIGNED BY

David L. Wigginton, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
Supplemental Safety Evaluation

cc: See next page

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| B. Boger     | PD4-1 Plant File  | A. B. Beach, RIV |
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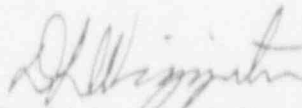
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Sincerely,



David L. Wigginton, Senior Project Manager  
Project Directorate IV-1  
Division of Reactor Projects - III/IV/V  
Office of Nuclear Reactor Regulation

Enclosure:  
Supplemental Safety Evaluation

cc: See next page

Mr. Ross P. Barkhurst  
Entergy Operations, Inc.

Waterford 3

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