

September 15, 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: RELOAD ANALYSIS REPORT - WATERFORD STEAM ELECTRIC STATION,  
UNIT 3 (TAC NO. M84175)

By letter dated April 24, 1992, the Entergy Operations, Inc. (EOI), submitted the Cycle 6 reload report for NRC staff review of two potentially unreviewed safety issues. It was the EOI's concern that the large-break loss-of-coolant accident (LOCA) and the excessive main steam flow with loss of offsite power event were not bounded by the current final safety analysis (FSAR) analysis. However, the reload analysis results remained within the 10 CFR 50.46 and NRC acceptance criteria.

The staff reviewed the reload report and particularly the large-break LOCA and the excessive main steam flow events, and finds that: (1) the results are within NRC acceptance limits, (2) no technical specification changes are required for Cycle 6, and (3) this reload report satisfies the 10 CFR 50.59 criteria. As part of the 10 CFR 50.59 review, the FSAR will be amended to avoid similar potential unreviewed safety issues in future reloads.

This completes the staff's review requirements of the Waterford 3 reload analysis report. The staff's safety evaluation is enclosed.

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:  
Safety Evaluation

cc w/enclosure:  
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DATE	9/14/92	9/15/92	9/15/92

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

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Sincerely,

A handwritten signature in cursive script, appearing to read "D. Wigginton".

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

Enclosure:  
Safety Evaluation

cc w/enclosure:  
See next page

Mr. Ross P. Barkhurst  
Entergy Operations, Inc.

Waterford 3

cc:

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