



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064

JUN 19 1997

Charles M. Dugger, Vice President
Operations - Waterford 3
Entergy Operations, Inc.
P.O. Box B
Killona, Louisiana 70066

SUBJECT: NRC INSPECTION REPORT 50-382/97-08 AND NOTICE OF VIOLATION

Dear Mr. Dugger:

An NRC inspection was conducted April 6 through May 17, 1997, at your Waterford Steam Electric Station, Unit 3 reactor facility. The enclosed report presents the scope and results of that inspection.

During the 6-week period covered by this inspection period, your conduct of activities at Waterford 3 was generally characterized by good performance of operations, maintenance, engineering, and plant support. However, violations of NRC requirements were identified.

Violation A discusses four examples of inadequate implementation of design control measures. The first example involved a design change that added potential loads to an emergency diesel generator without adequate controls to ensure the loads were maintained below the value assumed in analysis. The second example involved the failure to appropriately account for instrument uncertainty for the containment spray riser level that resulted in operation outside the Technical Specification requirements. The third example involved an extra layer of filter material added to a core protection calculator cabinet without evaluating the potential effect on cooling air flow. The fourth example involved numerous errors discovered in the Engineering Groundrules Document, which reflected a lack of rigor in maintaining this design basis document. The first and third examples were NRC-identified, which indicates additional efforts are needed to ensure your current programs are sufficient to identify design control errors.

Violation B was NRC-identified and involved the inappropriate deletion of preventive maintenance instructions for safety-related breakers.

The violations are cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding the violations are described in detail in the enclosed report. Please note that you are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure(s), and your response (if you choose to provide one) will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include

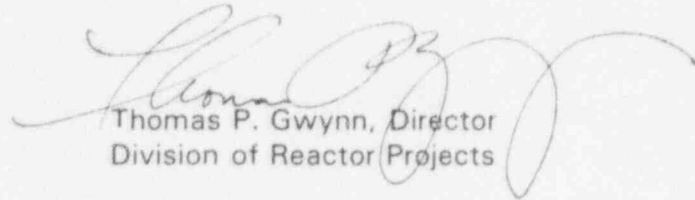
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any personal privacy, proprietary, or safeguards information, so that it can be placed in the PDR without redaction.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



Thomas P. Gwynn, Director
Division of Reactor Projects

Docket No.: 50-382
License No.: NPF-38

Enclosures:

1. Notice of Violation
2. NRC Inspection Report
50-382/97-08

cc w/enclosures:

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Washington, D.C. 20005-3502

JUN 19 1997

- E-Mail report to T. Boyce (THB)
- E-Mail report to NRR Event Tracking System (IPAS)
- E-Mail report to Document Control Desk (DOCDESK)
- E-Mail report to Richard Correia (RPC)
- E-Mail report to Ronald Frahm, Jr. (RKF)

bcc to DCD (IE01)

bcc distrib. by RIV:

Regional Administrator
 DRP Director
 Branch Chief (DRP/D)
 Project Engineer (DRP/D)
 Branch Chief (DRP/TSS)

Resident Inspector
 DRS-PSB
 MIS System
 RIV File
 Leah Tremper (OC/LFDCB, MS: TWFN 9E10)

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