



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

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

JAN 16 1996

Entergy Operations, Inc.
ATTN: Ross P. Barkhurst, Vice President
Operations, Waterford
P.O. Box B
Killona, Louisiana 70066

SUBJECT: NRC INSPECTION REPORT 50-382/95-21 AND NOTICE OF VIOLATION

This refers to the special inspection conducted by Messrs. T. W. Pruett and C. J. Paulk of this office from November 27 through December 7, 1995, at the Waterford Steam Electric Station, Unit 3 facility. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. At the conclusion of the inspection, the findings were discussed with those members of your staff identified in the enclosed report.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observation of activities in progress.

Based on the results of this inspection, the NRC has determined that a violation of NRC requirements occurred. The violation is cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding it are described in detail in the subject inspection report. The violation is of concern because your engineering staff failed to apply good engineering practices in determining the elastomer service temperature for certain safety-related solenoid valves. After the inspectors' questioned the methods used to determine the service temperature, your staff determined that the 40-year service life for 19 valves was significantly reduced. The environmental qualification of these valves could have expired during plant operations, but discovery of the problem and implementation of corrective actions at this time prevented expiration of the qualified life and any impact on plant operations.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. Your response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. After reviewing your response to this Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

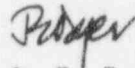
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In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosure(s), and your response will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96.511.

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

Sincerely,



J. E. Dyer, Director
Division of Reactor Projects

Docket: 50-382
License: NPF-38

Enclosures:

1. Notice of Violation
2. NRC Inspection Report
50-382/95-21

cc w/enclosures:

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Entergy Operations, Inc.
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Wise, Carter, Child & Caraway
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P.O. Box 651
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Entergy Operations, Inc.

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Entergy Operations, Inc.
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Washington, D.C. 20005-3502

JAN 16 1996

Entergy Operations, Inc.

-4-

E-Mail report to D. Nelson (DJN)
E-Mail report to NRR Event Tracking System (IPAS)

bcc to DMB (IE01)

bcc distrib. by RIV:

L. J. Callan
Branch Chief (DRP/D)
MIS System
RIV File
Branch Chief (DRP/TSS)

Resident Inspector
Leah Tremper (OC/LFDCB, MS: TWFN 9E10)
DRSS-FIPB
Project Engineer (DRP/D)

DOCUMENT NAME: R:_WAT\WT521RP.TWP

To receive copy of document, indicate in box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

RIV:SRI	AC:DRP/D	D:DRP	E				
TWPruett <i>by Callan</i>	PHHarrel <i>PH</i>	JEDyer <i>JED</i>					
01/16/96	01/16/96	01/16/96					

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JAN 16 1996

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bcc to DMB (IE01) \1

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