



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

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

APR - 8 1996

Entergy Operations, Inc.
ATTN: Vice President Operations,
Arkansas Nuclear One
1448 S.R. 333
Russellville, Arkansas 72801-0007

SUBJECT: NRC INSPECTION REPORT 50-313/96-01; 50-368/96-01 AND NOTICE OF VIOLATION

This refers to the inspection conducted by Messrs. K. Kennedy and S. Campbell of this office on January 21 through March 2, 1996, at the Arkansas Nuclear One, Units 1 and 2, 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. The results of this inspection are documented on page 1, in the enclosed report.

Based on the results of this inspection, the NRC has determined that violations of NRC requirements occurred. These violations are cited in the enclosed Notice of Violation and the circumstances surrounding them are described in detail in the subject inspection report. Violation A is of concern because: (1) inadequate maintenance resulted in the degradation of two safety related valves and resulted in the potential for introducing a common mode failure relative to the four high pressure safety injection flow control valves, and (2) inadequate postmaintenance testing resulted in this degraded condition existing for 15 months before being identified. Violation B is of concern because a lack of preventive maintenance resulted in the failure of heat tracing and the inoperability of Train B of the emergency feedwater initiation and control system.

Violation A is being cited because the improper installation of the motor-driven position indicators and subsequent failure to adequately test the high pressure safety injection valves postinstallation provided the potential for common-mode failure of the valves. A violation of this type would normally be considered for escalated enforcement action. Escalated enforcement action was not considered in this instance because the two high pressure safety injection valves that were degraded were still capable of performing their intended safety function. Violation B is being cited because there were prior opportunities to correct the defective heat tracing circuitry that rendered one train of the emergency feedwater initiation and control system inoperable.

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Q PDR

An unresolved item was identified in Section 5 of the enclosed report, pertaining to the decalibration of the high logarithmic power channels. At the conclusion of the inspection, past operability of the channels due to the problem was indeterminate. This item will remain unresolved pending the completion of your analysis of the effects of this condition.

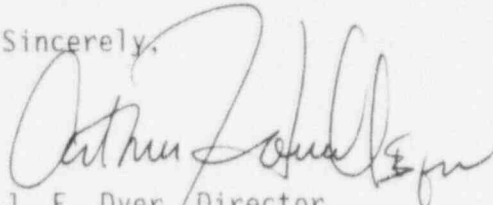
You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. Your response may reference or include 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.

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. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the Public Document Room 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

Dockets: 50-313
50-368
Licenses: DPR-51
NPF-6

Enclosures:

1. Notice of Violation
2. NRC Inspection Report
50-313/96-01; 50-368/96-01

cc w/enclosures:

Entergy Operations, Inc.
ATTN: Executive Vice President
& Chief Operating Officer
P.O. Box 31995
Jackson, Mississippi 39286-1995

Entergy Operations, Inc.
ATTN: Vice President
Operations Support
P.O. Box 31995
Jackson, Mississippi 39286

ABB Combustion Engineering Nuclear
Power
ATTN: Manager, Washington Nuclear
Operations
12300 Twinbrock Parkway, Suite 330
Rockville, Maryland 20852

County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

Winston & Strawn
1400 L Street, N.W.
Washington, D.C. 20005-3502

Arkansas Department of Health
ATTN: Director
Division of Radiation Control and
Emergency Management
4815 West Markham Street
Little Rock, Arkansas 72205-3867

Framatone Technologies
ATTN: Manager
Rockville Nuclear Licensing
1700 Rockville Pike, Suite 525
Rockville, Maryland 20852

E-Mail report to D. Nelson (DJN)
 E-Mail report to NRR Event Tracking System (IPAS)
 E-Mail report to Mike Davis, NRR (MJD1)

bcc to DMB (IE01)

bcc distrib. by RIV:

L. J. Callan
 DRP Director
 Branch Chief (DRP/C)
 Project Engineer (DRP/C)
 Branch Chief (DRP\TSS)

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

DOCUMENT NAME: R:_ANO\AN601RP.KMK

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KMKennedy <i>[Signature]</i>		TReds <i>[Signature]</i>		JLlyer <i>[Signature]</i>			
3/15/96		4/5/96		4/8/96			

OFFICIAL RECORD COPY

E-Mail report to D. Nelson (DJN)
E-Mail report to NRR Event Tracking System (IPAS)
E-Mail report to Mike Davis, NRR (MJD1)

bcc to DMB (IE01)

bcc distrib. by RIV:

L. J. Callan
DRP Director
Branch Chief (DRP/C)
Project Engineer (DRP/C)
Branch Chief (DRP\TSS)

Resident Inspector
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