



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-8064
October 25, 1995

EA 55-193

Entergy Operations, Inc.
ATTN: J. W. Yelverton, Vice President
Operations, Arkansas Nuclear One
1448 S.R. 333
Russellville, Arkansas 72801-0967

SUBJECT: NRC INSPECTION REPORT 50-313/95-24; 50-368/95-24

This refers to the inspection conducted by Mr. J. F. Melfi of this office on August 28 through September 6, 1995, 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. This inspection reviewed your staff's identification of a design deficiency, where, under certain circumstances, both trains of emergency feedwater would be rendered inoperable upon the failure of a single electrical power supply and the actions taken upon discovery of the condition. 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, a violation involving design control was identified and was considered for escalated enforcement action in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions" (Enforcement Policy), (NUREG-1600, 60 FR 34381; June 30, 1995). The violation is of concern because a past design change failed to maintain the design bases of the plant in that a single failure vulnerability was introduced that would have caused both trains of emergency feedwater system to become inoperable. Therefore, in accordance with the Enforcement Policy, this violation would be classified at Severity Level III and considered for a civil penalty. However, the NRC considered the following circumstances surrounding this violation in determining the appropriate enforcement action: (1) Entergy Operations, Inc., discovered this problem as a result of a voluntary initiative to validate its Abnormal Operating Procedures; (2) Entergy took appropriate corrective action, as described in the report; (3) this was a problem that was unlikely to have been discovered through routine efforts such as surveillance testing or quality assurance activities; and (4) this problem was the result of a design change made in 1983 and is not indicative of current performance. In consideration of these factors, and the criteria discussed in Section VII.B.3 of the Enforcement Policy, I have been authorized after consultation with the Director, Office of


9510300078 951025
PDR ADOCK 05000313
G PDR

Enforcement and the Deputy Executive Director for Nuclear Reactor Regulation, Regional Operations and Research, to refrain from issuing a Notice of Violation and considering a civil penalty in this case.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room (PDR).

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

Sincerely,


L. J. Callan
Regional Administrator
LC

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

Enclosure:
NRC Inspection Report
50-313/95-24; 50-368/95-24

cc w/enclosure:
Entergy Operations, Inc.
ATTN: Harry W. Keiser, Executive
Vice President & Chief Operating Officer
P.O. Box 31995
Jackson, Mississippi 39286-1995

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

Wise, Carter, Child & Caraway
ATTN: Robert B. McGehee, Esq.
P.O. Box 651
Jackson, Mississippi 39205

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

Winston & Strawn
ATTN: Nicholas S. Reynolds, Esq.
1400 L Street, N.W.
Washington, D.C. 20005-3502

Arkansas Department of Health
ATTN: Ms. Greta Dicus, Director
Division of Radiation Control and
Emergency Management
4815 West Markham Street
Little Rock, Arkansas 72201-3867

B&W Nuclear Technologies
ATTN: Robert B. Borsum
Licensing Representative
1700 Rockville Pike, Suite 525
Rockville, Maryland 20852

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

bcc to DMB (IE14)

bcc distrib. by RIV:

L. J. Callan
 Branch Chief (DRP/C)
 MIS System
 RIV File
 Project Engineer (DRP/C)
 W. B. Jones, ES
 J. Lieberman, OE, MS: 7-H-5

Resident Inspector
 Leah Tremper (OC/LFDCB, MS: TWFN 9E10)
 DRSS-FIPB
 Branch Chief (DRP\TSS)
 G. F. Sanborn, EO
 W. L. Brown, RC

DOCUMENT NAME: R:\ANO\AN524rp.JFM

To receive copy of document, indicate in box: "C" = Copy without enclosures "

RI:DRP/C*	SRI:DRP/C*	EO*	D:OE*	D:DRP*
JFMelfi	KMKennedy	GFSanborn	JLieberman	JEDyer
9/29/95	9/29/95	/ /95	/ /95	/ /95
DRA*	DEDO*	RA		
SJCollins	JLMilhoan	LJCallan		
/ /95	/ /95	9/29/95		

OFFICIAL RECORD COPY

*previously concurred

300055

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

bcc to DMB (IE14)

bcc distrib. by RIV:

L. J. Callan
 Branch Chief (DRP/C)
 MIS System
 RIV File
 Project Engineer (DRP/C)
 W. B. Jones, ES
 J. Lieberman, OE, MS: 7-H-5

Resident Inspector
 Leah Tremper (OC/LFDCB, MS: TWFN 9E10)
 DRSS-FIPB
 Branch Chief (DRP\TSS)
 G. F. Sanborn, EO
 W. L. Brown, RC

DOCUMENT NAME: R:_ANO\AN524rp.JFM

To receive copy of document, indicate in box: "C" = Copy without enclosures "

RI:DRP/C*	SRI:DRP/C*	EO*	D:OE*	D:DRP*
JFMelfi	KMKennedy	GFSanborn	JLieberman	JEDyer
9/29/95	9/29/95	/ /95	/ /95	/ /95
DRA*	DEDO*	RA		
SJCollins	JLMilhoan	LJCallan		
/ /95	/ /95	9/29/95		

OFFICIAL RECORD COPY

*previously concurred