



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 500
ARLINGTON, TEXAS 76011-8064

JUL - 1 1997

EA 97-300

C. Randy Hutchinson, Vice President
Operations
Arkansas Nuclear One
Entergy Operations, Inc.
1448 S.R. 333
Russellville, Arkansas 72801-0967

SUBJECT: NRC INSPECTION REPORT 50-313/97-03; 50-368/97-03 AND NOTICE OF VIOLATION

Dear Mr. Hutchinson:

An NRC inspection was conducted April 27 through June 7, 1997, at your Arkansas Nuclear One, Units 1 and 2, reactor facility. The enclosed report presents the scope and results of that inspection.

During the 6-week period covered by this inspection, your conduct of activities at the ANO facility was generally characterized by safety-conscious operations, sound engineering and maintenance practices, and appropriate radiological controls. Two violations of NRC requirements were identified. The first violation resulted from a failure to unisolate an emergency feedwater pump suction pressure transmitter. Although this violation satisfied the criteria to be noncited pursuant to Section VII.B.1 of the NRC's Enforcement Policy, it is being cited to emphasize the importance of using effective administrative controls to ensure the proper alignment of risk significant safety systems. The NRC has concluded that information regarding the reason for the violation and the corrective actions taken and planned to correct the violation and prevent recurrence is already adequately addressed on the docket in Licensee Event Report 50-368/97-002-00 dated March 6, 1997. Therefore, you are not required to respond to this letter unless the description herein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

The second violation resulted from the placement of a Unit 2 fuel assembly in a location in the spent fuel pool which was prohibited by Technical Specifications. As a result of calculation errors and the failure to perform a required independent verification of the calculations prior to fuel movement, a total of 14 fuel assemblies would have been placed in locations prohibited by Technical Specifications had the error not been identified. Although subsequent analysis demonstrated that fuel in the spent fuel pool would have remained subcritical, procedures to ensure that fuel placed in the spent fuel pool remains in a subcritical configuration were not properly utilized by reactor engineers.

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Q PDR

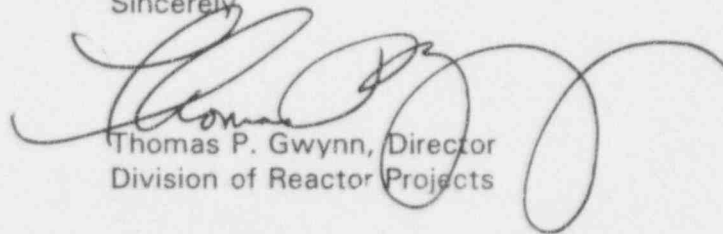


These violations are cited in the enclosed Notice of Violation (Notice) and the circumstances surrounding the violations are described in detail in the enclosed report. Please note that you are required to respond to this letter and should follow the instructions specified in the enclosed Notice when 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 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.

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 Nos.: 50-313
50-368
License Nos.: DPR-51
NPF-6

Enclosures:

1. Notice of Violation
2. NRC Inspection Report
50-313/97-03; 50-368/97-03

cc w/enclosures:

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& Chief Operating Officer
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County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

Winston & Strawn
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Washington, D.C. 20005-3502

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Little Rock, Arkansas 72205-3867

Manager
Rockville Nuclear Licensing
Framatome Technologies
1700 Rockville Pike, Suite 525
Rockville, Maryland 20852

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 Frank Talbot (FXT)

bcc to DCD (IE01)

bcc distrib. by RIV:

Regional Administrator	Resident Inspector
DRP Director	MIS System
Branch Chief (DRP/C)	RIV File
Project Engineer (DRP/C)	DRS-PSB
Branch Chief (DRP/TSS)	
G. F. Sanborn, EO	
W. L. Brown, RC	
J. Lieberman, OE, MS: 7-H5	
OE:EA File, MS: 7-H5	

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KMKennedy <i>AK</i>		EECollins <i>AK</i>		TPGwynn <i>AK</i>				
6/20/97 <i>AK</i>		6/30/97 <i>for</i>		6/20/97 <i>11/97</i>				

OFFICIAL RECORD COPY

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 Regional Administrator
 DRP Director
 Branch Chief (DRP/C)
 Project Engineer (DRP/C)
 Branch Chief (DRP/TSS)
 G. F. Sanborn, EO
 W. L. Brown, RC
 J. Lieberman, OE, MS: 7-H5
 OE:EA File, MS: 7-H5

Resident Inspector
 MIS System
 RIV File
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