

L I C E N S E E E V E N T R E P O R T (L E R)

FACILITY NAME (1) Arkansas Nuclear One, Unit Two DOCKET NUMBER (2) PAGE (3)
10151010101 31 61 8110F1011

TITLE (4) Reactor Trip Due to Erroneous Indications Caused by Lightning Strike

EVENT DATE (5)			LER NUMBER (6)		REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
Month	Day	Year	Sequential Number	Revision Number	Month	Day	Year	Facility Names	Docket Number(s)
01	81	01	51	81	51	01	11	61	01
01	81	01	51	81	51	01	01	91	01
01	41	81	51						

OPERATING MODE (9) 1 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5:

(Check one or more of the following) (11)

POWER LEVEL (10)	11/010	20.402(b)	20.405(a)(1)(i)	20.405(c)	50.36(c)(1)	50.73(a)(2)(iv)	73.71(b)
		20.405(a)(1)(ii)	20.405(a)(1)(iii)	50.36(c)(2)	50.73(a)(2)(v)	50.73(a)(2)(vii)	73.71(c)
		20.405(a)(1)(iv)	20.405(a)(1)(v)	50.73(a)(2)(i)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(A)	Other (Specify in
				50.73(a)(2)(iii)	50.73(a)(2)(x)	50.73(a)(2)(viii)(B)	Abstract below and
							in Text, NRC Form
							366A)

L I C E N S E E C O N T A C T F O R T H I S L E R (1 2)

Name	Patrick C. Rogers, Plant Licensing Engineer	Telephone Number	
		Area	
		Code	
			51011916141-1311010

C O M P L E T E O N E L I N E F O R E A C H C O M P O N E N T F A I L U R E D E S C R I B E D I N T H I S R E P O R T (1 3)

Cause	System	Component	Manufacturer	Reportable to NPRDS	Cause	System	Component	Manufacturer	Reportable to NPRDS
X	B1	A	C1	L1					
					X	91	91	91	Y

S U P P L E M E N T R E P O R T E X P E C T E D (1 4)

Yes (If yes, complete Expected Submission Date)	X	No	
EXPECTED SUBMISSION DATE (15)		Month	Day
			Year

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On 8/5/85 at 0856 hours, a reactor trip occurred while operating in Mode 1 at 100% full power (FP). Core Protection Calculator Channels 2 and 4 generated low DNBR trips as a result of erroneous Reactor Coolant System parameter inputs caused by an electrical transient induced by a lightning strike. Post trip response was normal. Emergency Feedwater (EFW) actuated on low steam generator (SG) level. EFW control valve 2CV-1039 failed open due to a shorted closing coil in the valve operator. The cause was found to be a wiring error. The coil was replaced, and a wiring error was corrected. Testing proved satisfactory operation and 2CV-1039 was returned to service.

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ARKANSAS POWER & LIGHT COMPANY

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September 4, 1985

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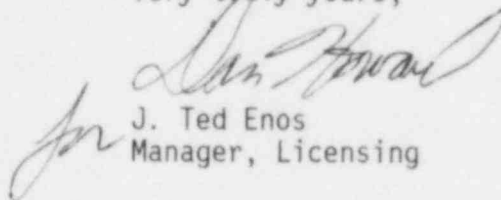
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Subject: Arkansas Nuclear One - Unit 2
Docket No. 50-368
License No. NPF-6
Licensee Event Report
No. 85-016-00

Gentlemen:

In accordance with 10CFR50.73(a)(2)(iv), attached is the subject report concerning a reactor trip due to erroneous indications caused by lightning.

Very truly yours,


J. Ted Enos
Manager, Licensing

JTE:RJS:ds

Attachment

cc: Mr. Norman M. Haller, Director
Office of Management & Program Analysis
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. James M. Taylor
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555