

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9701240127 DOC. DATE: 97/01/16 NOTARIZED: NO
 FACIL: 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.
 AUTH. NAME AUTHOR AFFILIATION
 GIBSON, W.W. Duke Power Co.
 HAMPTON, J.W. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

DOCKET #
 05000270

SUBJECT: LER 96-007-00: on 961219, low pressure injection sys
 technically inoperable for Appendix R scenario occurred.
 Caused by electric motor rotating in wrong direction.
 Engineering evaluation was performed. W/970116 ltr.

DISTRIBUTION CODE: IE22T COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

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DUKE POWER

January 16, 1996

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

Subject: Oconee Nuclear Station Unit
Docket Nos. 50-269, -270, -287
Licensee Event Report 270/96-07
Problem Investigation Process No.: 3-096-2566

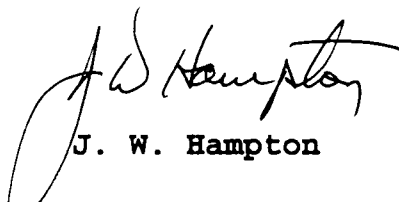
Gentlemen:

Pursuant to 10 CFR 50.73 Sections (a) (1) and (d),
attached is Licensee Event Report 270/96-07, concerning
the technical inoperability of the Low Pressure Injection
System for an Appendix R Scenario.

This report is being submitted in accordance with 10 CFR
50.73 (a) (2) (v) (B).

Duke's evaluation of this event is continuing and this
report will be supplemented to address root cause and
other LER requirements.

Very truly yours,


J. W. Hampton
/fts

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Attachment

9701240127 970116
PDR ADDCK 05000270
S PDR

Document Control Desk
Date: January 16, 1997

cc: Mr. Luis A. Reyes
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Washington, D.C. 20555

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Atlanta, GA 30339-5957

Mr. M. A. Scott
NRC Resident Inspector
Oconee Nuclear Station

EXPIRES: 04/30/98

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)

Oconee Nuclear Station, Unit Two

DOCKET NUMBER (2)

05000 270

PAGE (3)

1 Of 1

TITLE (4)

Low Pressure Injection System Technically Inoperable For Appendix R Scenario

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER(S)
12	19	96	96	07	00	01	16	97	Oconee, Unit Three	05000 287
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR (Check one or more of the following) (11)							
POWER LEVEL (10)			20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)	
0			20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v) (B)		73.71(c)	
			20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vii)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
			20.405(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)			
			20.405(a)(1)(iv)		50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)			
			20.405(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)			
LICENSEE CONTACT FOR THIS LER (12)										
NAME								TELEPHONE NUMBER		
W. W. Gibson, Safety Review Group								AREA CODE		
								(864)		885-3413
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
SUPPLEMENTAL REPORT EXPECTED (14)						EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
X	YES (If yes, complete EXPECTED SUBMISSION DATE)					NO		02	27	97

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

On December 5, 1996, Unit 3 was in a refueling outage and Units 1 and 2 were at cold shutdown. Following a modification to replace the valve operator, functional verification of Unit 3 valve 3LP-1 (Low Pressure Injection/Reactor Coolant System Isolation Valve) found that the electric motor was rotating in the wrong direction. Maintenance Technicians rolled the motor leads at the Motor Control Center instead of at the motor, as specified in the procedure. During the review of the modification package, the error was identified. Other valves associated with an Appendix R event were verified and it was found that Unit 3 valve 3LP-2 and Unit 2 valves 2LP-1 and 2LP-2 were also wired incorrectly. An engineering evaluation was performed to evaluate the past operability of these valves. On December 19, 1996, it was determined that these valves could not have been opened to achieve cold shutdown during an Appendix R fire event. The root cause and corrective actions will be provided in a supplemental report.