

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9701140204 DOC. DATE: 97/01/08 NOTARIZED: NO
 FACIL: 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.
 AUTH. NAME AUTHOR AFFILIATION
 WILKIE, L.V. Duke Power Co.
 HAMPTON, J.W. Duke Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

DOCKET #
 05000270

SUBJECT: LER 96-006-00: on 961211, containment isolation valves
 determined technically inoperable. Valves reassembled. W/
 960108 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 8, 1997

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 270/96-06

Gentlemen:

Pursuant to 10 CFR 50.73 Sections (a) (1) and (d),
attached is Licensee Event Report 270/96-06, concerning
the past inoperability of containment isolation valves.

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

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

Very truly yours,

J. W. Hampton, Vice President
Oconee Nuclear Site

/fts

1/1
IEC 2

Attachment

9701140204 970108
PDR ADOCK 05000270
S PDR

Document Control Desk
Janaury 8, 1997

cc: Mr. Luis A. Reyes
Administrator, Region II
U.S. Nuclear Regulatory Commission
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Atlanta, GA 30323

Mr. D. E. LaBarge
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, D.C. 20555

INPO Records Center
700 Galleria Parkway
Atlanta, GA 30339-5957

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

NRC FORM 366 (4-95)				U.S. NUCLEAR REGULATORY COMMISSION				APPROVED OMD NO. 3150-0104 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) CONTAINMENT ISOLATION VALVES TECHNICALLY INOPERABLE																													
EVENT DATE (5) MONTH DAY YEAR			LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER			REPORT DATE (7) MONTH DAY YEAR			OTHER FACILITIES INVOLVED (8) FACILITY NAME DOCKET NUMBER(S)																				
12	11	96	96	-	06	-	00	01	08	97	Oconee, Unit Three 05000 287																		
OPERATING MODE (9) N		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR (Check one or more of the following) (11)																											
POWER LEVEL (10) 0		20.402(b)			20.405(c)			50.73(a)(2)(iv)			73.71(b)																		
		20.405(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)			73.71(c)																		
		20.405(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vii)			OTHER (Specify in																		
		20.405(a)(1)(iii)			50.73(a)(2)(i)			50.73(a)(2)(viii)(A)			Abstract below and																		
		20.405(a)(1)(iv)			X 50.73(a)(2)(ii)			50.73(a)(2)(viii)(B)			in Text, NRC Form																		
		20.405(a)(1)(v)			50.73(a)(2)(iii)			50.73(a)(2)(x)			366A)																		
LICENSEE CONTACT FOR THIS LER (12)																													
NAME Lanny V. Wilkie, Safety Review Manager								TELEPHONE NUMBER AREA CODE (864) 885-3518																					
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				28	97																	
ABSTRACT (Limit to 1400 spaces, i.e. approximately fifteen single-space typewritten lines) (16)																													
<p>In December 1995, an inspection of Generic Letter 89-10 implementation identified hard seat contact on Anchor/Darling double disc gate valves as an issue. A Duke calculation using EPRI motor operated valves methodology was approved on July 22, 1996 and concluded that the valve's disc wedges have a preferred direction. During the current shutdown of all three Oconee Nuclear Station units, an inspection of these type valves identified four containment isolation valves that had the wedges installed in the non-preferred direction:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Unit</th> <th style="text-align: left;">Valve</th> <th style="text-align: left;">Installed</th> <th style="text-align: left;">Inspected</th> </tr> </thead> <tbody> <tr> <td rowspan="3">2</td> <td>2HP-20</td> <td>Mar. 5, 1992</td> <td>Nov. 26, 1996</td> </tr> <tr> <td>2FDW-103</td> <td>Apr. 1, 1988</td> <td>Jan. 04, 1997</td> </tr> <tr> <td>2FDW-104</td> <td>Apr. 1, 1988</td> <td>Jan. 04, 1997</td> </tr> <tr> <td>3</td> <td>3FDW-103</td> <td>Dec. 9, 1989</td> <td>Nov. 12, 1996</td> </tr> </tbody> </table> <p>These valves were determined to be technically inoperable from the date of installation. They have been reassembled with the disc lower wedges in the preferred direction.</p> <p>Duke's evaluation of this event is continuing and this report will be supplemented to address root cause and other LER content requirements.</p>												Unit	Valve	Installed	Inspected	2	2HP-20	Mar. 5, 1992	Nov. 26, 1996	2FDW-103	Apr. 1, 1988	Jan. 04, 1997	2FDW-104	Apr. 1, 1988	Jan. 04, 1997	3	3FDW-103	Dec. 9, 1989	Nov. 12, 1996
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