NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
EDWIN I. HATCH, UNIT II	0 5 0 0 0 3 6 6	1 OF 0 2

TITLE (4)
Failure of Drywell Floor Drain Sump Pumps

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 NAMES	DOCKET NUMBER(S)
1 2	2 4	8 4	8 4	0 3 8	0 0	0 1	2 1	8 5		0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	0 9 9	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 Abstract below and in Text, NRC Form 366A)
		20.405(a)(1)(iii)	X 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
	AREA CODE
T. L. Elton, Acting Superintendent of Regulatory Compliance	9 1 2 3 6 7 - 7 8 5 1

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
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

On 12/24/84 at approximately 0910 CST, operating personnel started bringing Unit 2 from 2424 MWt (i.e., approximately 99.5% power) to cold shutdown per the requirements of Tech. Specs. section 3.4.3.2, ACTION c. This ACTION occurred because both drywell floor drain sump pumps failed and water from the drywell floor drain sumps (i.e., unidentified leakage) had overflowed into the equipment drain sump (i.e., identified leakage). At this time equipment drain leakage increased such that the leakage could not be adequately determined. Personnel placed the unit in a 4 hour LCO per the requirements of Tech. Specs. section 3.4.3.2, ACTION c.

Investigation determined that the cause of the drywell floor drain sump pumps' failure was broken drive couplings on each pump. Also, the hinge pin on Primary Containment Feedwater Check Valve (2B21-F010A) was the main source of unidentified leakage in the drywell.

The broken floor drain sump pumps' couplings were replaced with heavier duty couplings and the hinge pin on 2B21-F010A was replaced. The unit was returned to service on 12/27/84 at approximately 0334 CST.

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
EDWIN I. HATCH, UNIT II	0 5 0 0 0 3 6 6	8 4	— 0 3 8	— 0 0	0 2 OF 0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

The unit was brought to cold shutdown due to this event at approximately 2010 CST on 12/25/84, thus requiring reporting per 10CFR50.73 (a)(2)(i)(A).

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Telephone 912 367-7781
912 537-9444

Edwin I. Hatch Nuclear Plant

Georgia Power

January 21, 1985
GM-84-021

PLANT E. I. HATCH
Licensee Event Report
Docket No. 50-366

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Attached is Licensee Event Report No. 50-366/1984-038. This report is required by 10CFR 50.73(a)(2)(i).

H. C. Nix
General Manager

JCC
HCN/TLE/vlz

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