ENTERGY

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James J. Fisicaro
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October 5, 1995

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

Subject: River Bend Station - Unit 1
Docket No. 50-458
License No. NPF-47
Licensee Event Report 50-458/95-007-00

File Nos. G9.5, G9.25.1.3

RBG-42035
RBF1-95-0238

Gentlemen:

In accordance with 10CFR50.73, enclosed is the subject report.

Sincerely,

James J Fisicaro

JJF/LWR/kvm
enclosure

cc: U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

NRC Sr. Resident Inspector
P. O. Box 1051
St. Francisville, LA 70775

INPO Records Center
700 Galleria Parkway
Atlanta, GA 30339-3064

Mr. C. R. Oberg
Public Utility Commission of Texas
7800 Shoal Creek Blvd., Suite 400 North
Austin, TX 78757

Louisiana Department of Environmental Quality
Radiation Protection Division
P.O. Box 82135
Baton Rouge, LA 70884-2135
ATTN: Administrator

NRC FORM 366 (5-92) | U.S. NUCLEAR REGULATORY COMMISSION | APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
River Bend Station	05000-458	01 of 02

TITLE (4)
FAILURE OF HPCS UNIT COOLER (1HVR*UC5) FAN HUB

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
									N/A	05000
09	05	95	95	007	00	10	05	95	FACILITY NAME: N/A	DOCKET NUMBER: 05000

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more (11))							
POWER LEVEL (10)	100		20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)
			20.405(a)(1)(i)		50.36(c)(1)	X	50.73(a)(2)(v)		73.71(c)
			20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vii)		OTHER
			20.405(a)(1)(iii)		50.73(a)(2)(i)		50.73(a)(2)(viii)(A)		(Specify in abstract below and in text, NRC Form 366A)
			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 (Include Area Code)
L. W. Rougeux, Sr. Engr. - Nuclear Safety Dept.	504-381-4803

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		11	29	95

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On September 5, 1995, with the plant at 100 percent power (Operational Condition 1), the fan hub for the High Pressure Core Spray (HPCS) Pump Room unit cooler failed. This failure caused the HPCS and HPCS Diesel Generator (DG) systems to be declared inoperable per Technical Specification (TS) 3.5.1c and 3.8.1.1d respectively. Initial corrective actions restored the unit cooler to operable status within the Limiting Condition for Operation (LCO) action time limits.

The root cause of the hub failure is presently being investigated by Entergy Operations, Inc. The final root cause analysis will include a metallurgical report on the fan hub failure. A complete root cause and additional corrective actions will be provided in a supplemental report.

Other Emergency Core Cooling Systems (ECCS) were available during the inoperable time period. Therefore, this event had little safety significance.

REPORTED CONDITION

On September 5, 1995, with the plant at 100 percent power (Operational Condition 1), the fan for the High Pressure Core Spray (HPCS) Pump Room unit cooler failed. The failure caused the HPCS and HPCS Diesel Generator (DG) systems to be declared inoperable per Technical Specification (TS) 3.5.1c and 3.8.1.1d respectively. This plant condition is reportable pursuant to 10CFR50.73(a)(2)(v).

INVESTIGATION

When the unit cooler fan hub failed, fan motor imbalance and fan blade missiles caused damage to the unit cooler housing, fan shroud and fan motor. The unit cooler cooling coils were not damaged, however, and there were no personnel injuries. The unit cooler repair was successfully completed within the Limiting Condition for Operation (LCO) action time limits.

ROOT CAUSE

The root cause of the hub failure is presently being investigated by Entergy Operations, Inc. The final root cause analysis will include a metallurgical report on the fan hub failure.

CORRECTIVE ACTIONS

Immediate corrective actions included repair and restoration of the unit cooler to operation. Additional corrective actions will be provided in a supplemental report.

SAFETY ASSESSMENT

The repair of the HPCS unit cooler ensured that it is capable of performing it's safety related functions. Other Emergency Core Cooling Systems (ECCS) were available while the HPCS unit cooler was inoperable. Therefore, this event was of little safety significance.