



GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 220 ST. FRANCISVILLE, LOUISIANA 70775

AREA CODE 504 635-6094 345-8851

May 25, 1993

RBG- 38540

File Nos. G9.5, G9.25.1.3

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

Gentlemen:

River Bend Station - Unit 1
Docket No. 50-458

Please find enclosed Supplement 1 to Licensee Event Report No. 93-004 for River Bend Station -Unit 1. This supplement documents that the apparent root cause identified in the original submittal is in fact the final root cause of the event. In addition, the installation of a permanent locking device on each of the airlock doors, as described in the original submittal, has been implemented.

Sincerely,

J. E. Booker
Manager - Safety Assessment
and Quality Verification
River Bend Nuclear Group

LAE/JPS/DRD/DCH/kvm

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PDR ADDCK 05000458
S PDR

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

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

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

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

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

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

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.

FACILITY NAME (1)

RIVER BEND STATION

DOCKET NUMBER (2)

05000 458

PAGE (3)

1 OF 3

TITLE (4)

IMPROPER LOCKING OF CONTAINMENT AIRLOCK DOORS

EVENT DATE (5)			LER NUMBER (6)			REPORT NUMBER (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
03	24	93	93	004	01	05	25	93		05000
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
1			20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)	
POWER LEVEL (10)			20.405(a)(1)(i)		50.36(c)(1)		50.73(a)(2)(v)		73.71(c)	
100			20.405(a)(1)(ii)		50.36(c)(2)		50.73(a)(2)(vii)		OTHER	
			20.405(a)(1)(iii)		X 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

L.A. England - Director, Nuclear Licensing

TELEPHONE NUMBER (Include Area Code)

(504) 381-4145

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
	X				

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

On March 24, 1993 at 1830, with the reactor at 100 percent power (Operational Condition 1), during a routine entry into the 171' elevation airlock, a deficiency was discovered in the locking of the reactor building door. The door was secured using a chain and padlock, with the chain wrapped around a spoke. The chaining configuration prevented entry into the airlock from the reactor building side; however, the chain could be lifted off of the spoke by personnel inside the airlock. A second occurrence involving the auxiliary building door was documented on March 31, 1993 in the 171' airlock. The actions of Technical Specification 3.6.1.4.b require that one airlock door remain locked at all times and that an individual is dedicated to assure that two doors are not opened simultaneously. GSU is submitting this report pursuant to 10CFR50.73(a)(2)(i)(b) as operation prohibited by the Technical Specifications.

Operator aids were posted for the doors in the 113' and 171' elevation containment airlocks. In addition, a modification to install a permanent locking device on each of the airlock doors has been implemented. This event did not result in unauthorized passage through the airlock. As required by Technical Specification 3.6.1.4, Action b, an individual was dedicated to assure that two doors were not open at the same time. In addition, for each case, the door was secured such that it could not have been opened from outside the airlock. The door could only be opened from inside the airlock.

REQUIRED NUMBER OF DIGITS/CHARACTERS
FOR EACH BLOCK

BLOCK NUMBER	NUMBER OF DIGITS/CHARACTERS	TITLE
1	UP TO 46	FACILITY NAME
2	8 TOTAL 3 IN ADDITION TO 05000	DOCKET NUMBER
3	VARIES	PAGE NUMBER
4	UP TO 76	TITLE
5	6 TOTAL 2 PER BLOCK	EVENT DATE
6	7 TOTAL 2 FOR YEAR 3 FOR SEQUENTIAL NUMBER 2 FOR REVISION NUMBER	LER NUMBER
7	6 TOTAL 2 PER BLOCK	REPORT DATE
8	UP TO 18 -- FACILITY NAME 8 TOTAL -- DOCKET NUMBER 3 IN ADDITION TO 05000	OTHER FACILITIES INVOLVED
9	1	OPERATING MODE
10	3	POWER LEVEL
11	1 CHECK BOX THAT APPLIES	REQUIREMENTS OF 10 CFR
12	UP TO 50 FOR NAME 14 FOR TELEPHONE	LICENSEE CONTACT
13	CAUSE VARIES 2 FOR SYSTEM 4 FOR COMPONENT 4 FOR MANUFACTURER NPRDS VARIES	EACH COMPONENT FAILURE
14	1 CHECK BOX THAT APPLIES	SUPPLEMENTAL REPORT EXPECTED
15	6 TOTAL 2 PER BLOCK	EXPECTED SUBMISSION DATE

NRC FORM 366A <small>(5-92)</small>	U.S. NUCLEAR REGULATORY COMMISSION	APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95 <small>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.</small>
LICENSEE EVENT REPORT (LER) TEXT CONTINUATION		

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
RIVER BEND STATION	05000 458	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	OF 2 3
		93	-- 004 --	01	

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

REPORTED CONDITION

On March 24, 1993 at 1830, with the reactor at 100 percent power (Operational Condition 1), during a routine entry into the 171' elevation airlock (*AL*), a deficiency was discovered in the locking of the reactor building door. The door was secured using a chain and padlock, with the chain wrapped around a spoke. The chaining configuration prevented entry into the airlock (*AL*) from the reactor building side; however, the chain could be lifted off of the spoke by personnel inside the airlock. A second occurrence was documented on March 31, 1993 in the 171' airlock.

Following identification of an equipment problem with the containment airlock interlock mechanism, GSU administratively implemented the actions of Technical Specification 3.6.1.4.b. It was later determined that the containment airlock interlock mechanism was inoperable. The actions of Technical Specification 3.6.1.4.b require that one airlock door remain locked at all times and that an individual is dedicated to assure that two doors are not opened simultaneously. GSU is submitting this report pursuant to 10CFR50.73(a)(2)(i)(b) as operation prohibited by the Technical Specifications.

INVESTIGATION

The 171' elevation airlock provides reactor building access from the auxiliary building. Padlocks and chains are required to lock the doors from inside the airlocks.

On March 24, 1993 the NRC Resident Inspector observed that the chain could be lifted off of the handwheel of the reactor building door. On March 31, 1993, the NRC Senior Resident Inspector was able to move the handwheel slightly (in the closed direction) and then remove the chain from the auxiliary building door handwheel. In each of these cases the door was secured; personnel could not have opened the door from outside the airlock.

ROOT CAUSE

The final root cause is a lack of thorough understanding of the Technical Specification requirements for locking the airlock door (ie., a key is required for entry).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)		DOCKET NUMBER (2)		LER NUMBER (6)			PAGE (3)	
RIVER BEND STATION		05000458		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3	OF 3
				93	- 004	- 01		

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

CORRECTIVE ACTION

Operator aids were posted for the doors in the 113' and 171' elevation containment airlocks. These operator aids specify the padlock and chain configurations and provide instructions to personnel on how to lock the door. In addition, a modification to install a permanent locking device on each of the airlock doors has been implemented.

SAFETY ASSESSMENT

This event did not result in unauthorized passage through the airlock. As required by Technical Specification 3.6.1.4, Action b, an individual was dedicated to assure that two doors were not open at the same time. In addition, for each case, the door was secured such that it could not have been opened from outside the airlock. The door could only be opened from inside the airlock.

Note: Energy industry identification codes are indicated in the text as (*XX*).