NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES 8/31/88

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
River Bend Station	0 5 0 0 0 4 5 8	1 OF 0 3

TITLE (4)
Hydrogen Sample Not Taken Contrary to Technical Specification Action

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 8	8 5	8 5	0 6 4	0 0	0 2	0 7	8 6		0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (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)
0 0 8	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
C. L. Nash - Chemistry Supervisor	5 0 4 6 3 5 - 6 0 9 4

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 12/27/85 with the reactor at 8 percent power, the main condenser off-gas explosive gas monitoring system (hydrogen analyzers) were declared inoperable. Limiting Condition for Operation 85-0468 was initiated for once per four hour grab sampling of the off-gas system for hydrogen concentration. Due to the sample point being inaccessible due to potentially high airborne radioactivity in the Turbine Building on 12/28/85, the grab sample due at 0950 hours was not obtained until 1210 hours. In the future, appropriate respiratory protection equipment will be donned to obtain required samples when there is a potential for airborne radioactivity. Additionally, all personnel involved were informed of the importance for meeting all Technical Specification requirements. There were no safety consequences or implications to the public as a result of this event.

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

Reported Condition:

On 12/27/85 with the unit at 8 percent power in operational condition 1 (power operation), the main condenser off-gas explosive gas monitoring system (hydrogen analyzers) were declared inoperable. Per Technical Specifications 3.3.7.11, Table 3.3.7.11-1, Action 123, grab sampling of the off-gas system for hydrogen analysis was initiated on a once per four hour frequency. This activity was tracked through Limiting Condition for Operation (LCO) 85-0468.

On 12/28/85, a hydrogen gas grab sample was due at 0950 hours and past due at 1050 hours. During this time and until 1200 hours, the Turbine Building was placed under a precautionary evacuation due to potentially high airborne radioactivity resulting from a minor steam leak on the 67 foot elevation. Since the sample point for the off-gas system is located in the Turbine Building, the grab sample for hydrogen analysis was not obtained until 1210 hours.

Investigation:

Failure to perform the 1 per 4 hour hydrogen sampling frequency constituted a condition prohibited by Technical Specifications. Table 3.3.7.11-1, Action 123, of the Technical Specifications requires the condition be reported in the next Semi-Annual Radioactive Effluent Release Report. This reporting requirement was misinterpreted to mean that a Licensee Event Report was not required. This was not realized until 01/06/86.

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

Corrective Action:

In the future when airborne radioactivity is present, the Nuclear Chemistry Technician will don the appropriate respiratory protection equipment, as specified by Radiation Protection personnel, to obtain the required samples. Additionally, the importance of meeting all Technical Specification requirements was re-emphasized to all persons involved.

Safety Assessment:

Since the plant has never detected concentrations of hydrogen in the off-gas system, and since the previous and subsequent grab samples did not indicate a hydrogen gas concentration build-up, this occurrence posed no threat to the public safety and welfare.

GULF STATES UTILITIES COMPANY

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

AREA CODE 504 635-6094 346-8651

February 7, 1986
RBG- 23152
File Nos. G9.5, G9.25.1.3

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

Dear Sir:

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

Please find enclosed Licensee Event Report No. 85-064 for River Bend Station - Unit 1. This report is submitted pursuant to 10CFR50.73.

Sincerely,

Eddie R Grant
for J. E. Booker
Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

JEB/TFP/DRG/BEH/ebm

cc: U. S. Nuclear Regulatory Commission
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Arlington, TX 76011

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