NRC Form (9-83)	300				LIC	ENSE	E EV	ENT RE	PORT (LER)	U.S. NUCLEAR REGULATORY COMMISSION APPROVED ONE NO 3150-0104 EXPIRES 8/31/96						
Rive	r Ber	15	ation							0   5   0   0	10   4   5   8   1   OF   0   3					
1000		Samo	le Not	Taken Co	ntrary	to T	Techn	ical s	Specification	Action						
-	Hydrogen Sample Not Taken Contrary							DATE (7) OTHER FACILITIES INVOLVED (8)								
MONTH	MONTH DAY YEAR		YEAR	BEQUENTIAL	REVISION NUMBER		DAY	YEAR	FACILITY NA	And the second	0   5   0   0   0   1					
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NAME					L	CENSEE	CONTAC	T FOR THIS	LER (12)							
	. Nas	sh - (	Chemis			-	DAFONER	T FAILURE	DESCRIBED IN THIS REPO		6 3 5 - 6 0 9 4					

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

MONTH

DAY

YEAR

NRC Form 364

public as a result of this event.

SUPPLEMENTAL REPORT EXPECTED (14

YES (If you complete EXPECTED SUBMISSION DATE)

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

US NUCLEAR REGULATORY COMMISSION APPROVED DMB NO 3150-0104

FACILITY NAME (1)	DOCKET NUMBER (2)	OCKET NUMBER (2)			LER NUMBER (6)						PAGE (3)		
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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.

NAC Form 366A

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

FACILITY NAME (1)	DOCKET NUMBER (2)		L	ER NUMBER	PAGE (3)				
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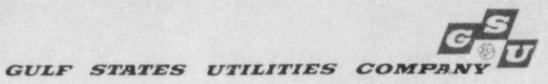
If more space is required, use additional NRC Form 366A's/ (1

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.



RIVER BEND STATION

POST OFFICE BOX 220

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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

Manager-Engineering,
Nuclear Fuels & Licensing
River Bend Nuclear Group

JEB/TFP/DRG/BEH/ebm

cc: U. S. Nuclear Regulatory Commission 611 Ryan Plaza, Suite 1000 Arlington, TX 76011

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