



GULF STATES UTILITIES COMPANY

RIVER BEND STATION POST OFFICE BOX 120 ST. FRANCISVILLE, LOUISIANA 70775
AREA CODE 504 835-6094 346-8851

December 5, 1990
RBG- 34120
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 Licensee Event Report No. 90-037 for River Bend Station - Unit 1. This report is being submitted pursuant to 10CFR50.73.

Sincerely,

W. H. Odell
Manager-Oversight
River Bend Nuclear Group

[Handwritten initials]
LAE/PDG/DRD/DCH/SWG/pg

cc: U.S. Nuclear Regulatory Commission
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LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST, 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (F-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, 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) 0 5 0 0 0 4 5 8	PAGE (3) 1 OF 0 3
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TITLE (4)
Violation of High Radiation Area by Contract Employees

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)
11	05	90	90	037	001	12	05	90			0 5 0 0 0
<p>THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)</p>											

OPERATING MODE (9) 5	20.402(b)	20.406(e)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0	20.406(a)(1)(ii)	50.36(e)(1)	50.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(iii)	50.36(e)(2)	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(iii)	50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME L. A. England - Director, Nuclear Licensing	TELEPHONE NUMBER AREA CODE 5 0 4 3 8 1 - 4 1 4 5
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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)

YES (if yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On November 5, 1990 and again on November 6, 1990, with the plant in Operational Condition 5 (Refueling), two workers entered a high radiation area (HRA) without satisfying the requirements of Technical Specification 6.12.1. Therefore, this event is reportable pursuant to 10CFR50.73(a)(2)(i)(b) as operation prohibited by the Technical Specifications.

The root cause of this event was failure of the 2 employees to observe the HRA boundary. To preclude a recurrence of this type, the contractor issued a self-imposed stop work order at approximately 1700 hours on 11/6/90. The purpose of which was to allow for the retraining of all contractor employees to the requirements of RP boundaries and procedures. The two employees responsible were trained, counseled and terminated.

The total dose for both workers for both entries as indicated by pocket dosimeter was 43 mRem. This event involving the two individuals violating the high radiation boundary does not constitute a plant operational safety concern. Therefore, this event did not adversely affect the health and safety of the public.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST, 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (F-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, 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) 0 5 0 0 0 4 5 8	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 0	- 0 3 1 7	- 0 0	0 2	OF	0 3

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

REPORTED CONDITION

On November 5, 1990 and again on November 6, 1990 with the plant in Operational Condition 5 (Refueling), two workers entered a high radiation area (HRA) without satisfying the requirements of Technical Specification 6.12.1. Therefore, this event is reportable pursuant to 10CFR50.73(a)(2)(i)(b) as operation prohibited by the Technical Specifications.

INVESTIGATION

The two employees first entered the high radiation area (HRA) of the auxiliary building residual heat removal (RHR) 'A' cubicle on 11/05/90. Prior to entering the area, they neglected to check in at the radiologically controlled area (RCA) checkpoint. They did not obtain the proper radiation work permit (RWP) number, nor did they obtain the proper dosimetry. The workers entered the cubicle by following other workers who were authorized to enter. The unauthorized workers were in the area for approximately 20 minutes and were assigned 20 mRem each.

On 11/06/90, the two individuals entered the same area again, under the same conditions. Once again, they crossed the boundary rope without any apparent realization that they were in violation of site radiological procedures, and proceeded down the stairs. It was at this time that an RP technician within the area noted the two employees entering the high radiation area without meeting Technical Specification requirements. The two men were escorted from the area by the technician and returned to the RCA checkpoint for counseling and incident investigation. For 11/06/90, the employees stayed in the area for approximately 1 minute and were assigned doses of 0 and 3 mRem, respectively, based on their individual pocket dosimeters.

A review of previously submitted LERs reviewed similar events in LER 90-010 and LER 90-020. In LER 90-010, an operator removed a rope barricade for a HRA. LER 90-020 reported HRA violations by a radwaste operator and a security officer.

CORRECTIVE ACTION

To preclude a recurrence of this type, the contractor issued a self-imposed stop work order at approximately 1700 hours on 11/06/90. The purpose of which was to allow for the retraining of all contract employees to the requirements of RP boundaries and procedures. All personnel on each of the two shifts were re-trained by contractor management, which was observed by representatives of the GSU RP department and the Quality Assurance department. The training sessions were completed at approximately 2000 hours on 11/06/90 and

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST 500 HRS FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20585, 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) 0 5 0 0 0 4 5 8	LER NUMBER (6)			PAGE (3)		
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TEXT (If more space is required, use additional NRC Form 306A's) (17)

the self-imposed stop work order was lifted by contractor management. The two employees responsible were trained, counseled and terminated.

SAFETY ASSESSMENT

The total doses received were below NRC and River Bend Station administrative limits. This event does not constitute a plant operational safety concern. Therefore, this event did not adversely affect the health and safety of the public.