

# The Light company

Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

March 16, 1993

ST-HL-AE-4352

File No.: G26

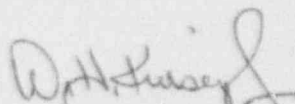
10CFR50.73

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

South Texas Project  
Unit 2  
Docket No. STN 50-499  
Licensee Event Report 93-005  
Control Room Unmanned by a Senior Licensed  
Operator During Mode 4 Operation

Pursuant to 10CFR50.73, Houston Lighting & Power, (HL&P) submits the attached Unit 2 Licensee Event Report 93-005 regarding the Control Room Unmanned by a Senior Licensed Operator During Mode 4 Operation. This event did not have an adverse effect on the health and safety of the public.

If you should have any questions on this matter, please contact Mr. J. M. Pinzon at (512) 972-8027 or me at (512) 972-7921.

  
W. H. Kinsey, Jr.  
Vice President,  
Nuclear Generation

MKJ/pla

Attachment: LER 93-005 (South Texas, Unit 2)

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A Subsidiary of Houston Industries Incorporated

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Houston Lighting & Power Company  
South Texas Project Electric Generating Station

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C:

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U.S. Nuclear Regulatory Comm.  
Attn: Document Control Desk  
Washington, D.C. 20555

## 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 (MNRB 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)

South Texas, Unit 2

DOCKET NUMBER (2)

05000 499

PAGE (3)

1 OF 03

TITLE (4)

Control Room Unmanned by a Senior Licensed Operator.

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
02	14	93	93	005	00	03	16	93		05000
OPERATING MODE (9)		4	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
POWER LEVEL (10)		0%	20.402(b)		20.405(c)		50.73(a)(2)(iv)		73.71(b)	
			20.405(a)(1)(i)		50.36(c)(1)		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)		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

Jairo Pinzon - Senior Engineer

TELEPHONE NUMBER (include Area Code)

(5 1 2) 9 7 2 - 8 0 2 7

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS

## 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 15 single-spaced typewritten lines) (16)

On February 14, 1993, at 0433 hours, Unit 2 was in Mode 4 at 0% power. The on-duty Shift Supervisor designated the Unit Supervisor as the individual responsible for the control room command function and exited the control room. The Unit Supervisor exited the control room to observe a surveillance, leaving the control room unmanned by a Senior Operator for a period of 41 seconds. This action violated Technical Specification requirement 6.2.2.b, which requires at least one Senior Operator present in the control room while the unit is in Mode 1, 2, 3, or 4. The cause of this event was inappropriate action by the Unit Supervisor. Corrective actions for this event include a Human Performance Review, verbal discussions on the command and control function requirements by Management, and procedures will be revised to add a required discussion concerning command and control function for License Activation Certification. This event will also be included in Licensed Operator Regualification Training.

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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 365A (5-92)		U.S. NUCLEAR REGULATORY COMMISSION		APPROVED BY OMB NO. 3150-0104 EXPIRES 5/31/95	
<b>LICENSEE EVENT REPORT (LER)</b> <b>TEXT CONTINUATION</b>				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)		DOCKET NUMBER (2)		LER NUMBER (4)	
South Texas, Unit 2		05000 499		YEAR 9 3	SEQUENTIAL NUMBER - 0 0 5 -
				REVISION NUMBER 0 0	PAGE (3) 02 OF 03

TEXT (If more space is required, use additional copies of NRC Form 365A) (17)

### DESCRIPTION OF EVENT:

On February 14, 1993, at 0433 hours, Unit 2 was in Mode 4 at 0% power. The on-duty Shift Supervisor designated the Unit Supervisor as the individual responsible for the control room command function and exited the control room. The Unit Supervisor, the only Senior Operator in the control room, exited the control room to observe a portion of a surveillance in progress in the relay racks adjacent to the control room. Upon realizing his error, the Unit Supervisor immediately returned to the control room. Security records were reviewed and it was determined that the control room had been unmanned by a Senior Operator for a period of 41 seconds. During this period of time, two reactor operators remained in the control room. The NRC was notified of this event on February 14, 1993, at 1108 hours.

The Technical Specifications, section 6.2.2.b, requires that a Senior Operator shall be in the control room with the Unit in Mode 1, 2, 3, or 4. Technical Specification Table 6.2-1, specifies that during the absence of the Shift Supervisor from the control room while the unit is in Mode 1, 2, 3, or 4, an individual (other than the Shift Technical Advisor) with a valid Senior Operator license shall be designated to assume the control room command function.

### CAUSE OF EVENT:

The cause of this event was inappropriate actions by the Unit Supervisor. The Unit Supervisor was cognizant of his responsibility to maintain control room command function in the absence of the Shift Supervisor. However, his preoccupation with the surveillance in progress caused his loss of focus on his primary responsibility, resulting in a violation of Technical Specification.

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LICENSEE EVENT REPORT (LER)  
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 80.0 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)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
South Texas, Unit 2	05000 499	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	03 OF 03
		93	005	00	

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

ANALYSIS OF EVENT:

This event is reportable pursuant to 10CFR50.73 (a)(2)(i)(B). There were no adverse radiological or safety consequences as a result of this event.

CORRECTIVE ACTIONS:

1. A Human Performance Review Board was conducted with the Unit Supervisor and representatives from Operations, Training, Corrective Action Group, and Management. As a result, the Plant Manager will discuss the command and control function requirements with all current Licensed Senior Operators by May 1, 1993.
2. The Licensed Operator License Maintenance procedure will be revised to add a required discussion between Licensed Operators and Plant Manager concerning command and control functions. These discussions will be held prior to License Activation Certification. The procedure revision will be completed by August 9, 1993.
3. This event will be included in the lessons learned portion of Licensed Operator Regualification Training Program by July 16, 1993.

ADDITIONAL INFORMATION:

There have been no similar events reported to the NRC involving a violation of Technical Specification 6.2.2.b.