

SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 1  
MONTHLY OPERATING REPORT

HOUSTON LIGHTING AND POWER CO.

NRC DOCKET NO. 50-498

LICENSE NO. NPF-71

Prepared by: [Signature] 02/01/88  
Lead Performance Technician Date

Reviewed by: [Signature] 02/05/88  
Performance Technician Supervisor Date

Reviewed By: [Signature] 2/5/88  
Plant Engineering Manager Date

Approved By: [Signature] 2/8/88  
Plant Manager Date

OPERATING DATA REPORT

DOCKET NO. 50-498  
 UNIT 1  
 DATE 02/01/88  
 COMPLETED BY J. J. Nesrsta  
 TELEPHONE 512-972-7827

OPERATING STATUS

1. REPORTING PERIOD: 01/01-01/31 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 190  
 MAX.DEPEND.CAPACITY (MWe-Net): 0  
 DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY)(MWe-Net): 5%
4. REASONS FOR RESTRICTION (IF ANY): Condition of initial low-power license NPF-71.

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	0	0	0
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	0	0	0
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH).....	0	0	0
10. GROSS ELECTRICAL ENERGY GENERATED.....	0	0	0
11. NET ELECTRICAL ENERGY GENERATED (MWH).....	0	0	0
12. REACTOR SERVICE FACTOR.....	N/A	N/A	N/A
13. REACTOR AVAILABILITY FACTOR. ....	N/A	N/A	N/A
14. UNIT SERVICE FACTOR.....	N/A	N/A	N/A
15. UNIT AVAILABILITY FACTOR.....	N/A	N/A	N/A
16. UNIT CAPACITY FACTOR (Using MDC).....	N/A	N/A	N/A
17. UNIT CAPACITY FACTOR (Using Design MWe)....	N/A	N/A	N/A
18. UNIT FORCED OUTAGE RATE.....	N/A	N/A	N/A
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	N/A		
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	N/A		
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED	
INITIAL CRITICALITY	02/12/88		
INITIAL ELECTRICITY	03/03/88		
COMMERCIAL OPERATION	05/88		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498  
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 TELEPHONE 512-972-7827

MONTH January

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	0
16	0		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT NAME 1  
 DATE 02/01/88  
 COMPLETED BY J. J. Nesrsta  
 TELEPHONE 512-972-7827

REPORT MONTH January

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup>Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Cont. of Existing Outage  
 5-Reduction  
 9-Other

<sup>4</sup>IEEE 805-1983  
<sup>5</sup>IEEE 803A-1983

### PORV's and Saftey Valves Summary

On January 3, 1988, while filling and venting the reactor coolant system, a reactor coolant pump was actuated with the reactor coolant system at less than 350 degrees F in a water solid condition and secondary water temperatures greater than 50 degrees F above RCS cold leg temperatures. This resulted in a pressure spike which prompted the actuation of a pressurizer power-operated relief valve (PORV). This event is described in detail in LER 88-001.

# The Light company

Houston Lighting & Power

P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

February 10, 1988  
ST-HL-AE-2503  
File No.: G02  
10CFR50.71

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

South Texas Project Electric Generating Station  
Unit 1  
Docket No. STN 50-498  
Monthly Operating Report - January 1988

Pursuant to 10CFR50.71(a) and the South Texas Project Electric Generating Station (STPEGS) Unit 1 Technical Specification 6.9.1.5, the attached Monthly Operating Report for January 1988 is submitted.

If you should have any questions on this matter, please contact Mr. C.A. Ayale at (512) 972-8628.



G. E. Vaughn  
Vice President  
Nuclear Plant Operations

GEV/CAA/krm

Attachment: STPEGS Unit 1 Monthly Operating Report - January 1988

cc:

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