

# The Light company

Houston Lighting & Power South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

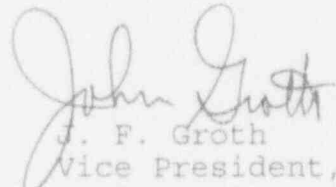
February 15, 1994  
ST-HL-AE-4701  
File No.: G02  
10CFR50.71

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

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Monthly Operating Reports for January, 1994

Pursuant to 10CFR50.71(a) and South Texas Project Electric Generating Station (STPEGS) Technical Specification 6.9.1.5, attached are the Monthly Operating Reports for January, 1994.

If you should have any questions on this matter, please contact Mr. S. M. Head at (512) 972-7136.

  
J. F. Groth  
Vice President,  
Nuclear Licensing

MKJ/eg

- Attachments: 1) STPEGS Unit 1 Monthly Operating Report -  
January, 1994
- 2) STPEGS Unit 2 Monthly Operating Report -  
January, 1994

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Project Manager on Behalf of the Participants in the South Texas Project

Houston Lighting & Power Company  
South Texas Project Electric Generating Station

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C:

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ATTACHMENT 1  
SH-AP-4701  
1 OF 6

SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 1  
MONTHLY OPERATING REPORT  
JANUARY 1994  
HOUSTON LIGHTING AND POWER CO.  
NRC DOCKET NO. 50-498  
LICENSE NO. NPF-76

Reviewed By: *Kenneth R. Coyne* *2-3-94*  
Supervisor Date  
Reviewed By: *Albert M. [unclear]* *2-4-94*  
Engineering Manager Date  
Approved By: *Lawrence W. [unclear]* *2/14/94*  
Plant Manager Date

Monthly Summary

ATTACHMENT 1  
ST-HL-AE-ATG1  
PAGE 2 OF 6

STPEGS Units 1 and 2 were shutdown during February, 1993 due to auxiliary feedwater (AFW) system component failures. The units will not be taken critical until the results of the AFW system corrective action and additional issues have been addressed.

All energy losses associated with Unit 1 are unplanned. The energy losses for Unit 2 are also unplanned, except for the period between February 27 and May 23, which was the previously scheduled outage period for the unit.

OPERATING DATA REPORT

ATTACHMENT 1  
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DOCKET NO. 50-498  
UNIT 1  
DATE Feb. 2, 1994  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 01/01/94-01/31/94 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800  
MAX.DEPEND.CAPACITY (MWe-Net): 1250.6  
DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY)(MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>0</u>	<u>0</u>	<u>26872.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>0</u>	<u>0</u>	<u>25923.8</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>0</u>	<u>0</u>	<u>94665508</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>0</u>	<u>0</u>	<u>32014660</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>0</u>	<u>0</u>	<u>30259544</u>
12. REACTOR SERVICE FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>56.4%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>56.4%</u>
14. UNIT SERVICE FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>54.4%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>54.4%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>0.0%</u>	<u>0.0%</u>	<u>50.8%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>0.0%</u>	<u>0.0%</u>	<u>50.8%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>100.0%</u>	<u>100.0%</u>	<u>33.5%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	<u>N/A</u>		
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: Not available at report time.			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498  
UNIT 1  
DATE Feb. 2, 1994  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

MONTH JANUARY

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1 0  
2 0  
3 0  
4 0  
5 0  
6 0  
7 0  
8 0  
9 0  
10 0  
11 0  
12 0  
13 0  
14 0  
15 0  
16 0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17 0  
18 0  
19 0  
20 0  
21 0  
22 0  
23 0  
24 0  
25 0  
26 0  
27 0  
28 0  
29 0  
30 0  
31 0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE Feb. 2, 1994  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

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
93-05	930204	F	744.0	F	4	N/A	N/A	N/A	The unit will not be taken critical until the results of the auxiliary feedwater system corrective action and additional issues have been addressed.

<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 Exam  
 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

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PORVs and Safety Valves Summary

ATTACHMENT 1  
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There were no PORV or Safety Valves challenged during the reporting period.



SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 2  
MONTHLY OPERATING REPORT  
JANUARY 1994  
HOUSTON LIGHTING AND POWER CO.  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Reviewed By: *Kenneth R. Pope* 2-3-94  
Supervisor Date

Reviewed By: *Albert M. Dutzy* 2-4-94  
Engineering Manager Date

Approved By: *Al Parley* 2/7/94  
Plant Manager Date

Monthly Summary

ATTACHMENT 2  
ST-HL-AE-4701  
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STPEGS Units 1 and 2 were shutdown during February, 1993 due to auxiliary feedwater (AFW) system component failures. The units will not be taken critical until the results of the AFW system corrective action and additional issues have been addressed.

All energy losses associated with Unit 1 are unplanned. The energy losses for Unit 2 are also unplanned, except for the period between February 27 and May 23, which was the previously scheduled outage period for the unit.

OPERATING DATA REPORT

DOCKET NO. 50-499  
 UNIT 2  
 DATE Feb. 2, 1994  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 01/01/94-01/31/94 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800  
 MAX.DEPEND.CAPACITY (MWe-Net): 1250.6  
 DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY)(MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	0	0	24756.2
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	0	0	23733.8
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	0	0	86433521
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	0	0	29204590
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	0	0	27735279
12. REACTOR SERVICE FACTOR.....	0.0%	0.0%	61.1%
13. REACTOR AVAILABILITY FACTOR.....	0.0%	0.0%	61.1%
14. UNIT SERVICE FACTOR.....	0.0%	0.0%	58.6%
15. UNIT AVAILABILITY FACTOR.....	0.0%	0.0%	58.6%
16. UNIT CAPACITY FACTOR (Using MDC).....	0.0%	0.0%	54.7%
17. UNIT CAPACITY FACTOR (Using Design MWe)..	0.0%	0.0%	54.7%
18. UNIT FORCED OUTAGE RATE.....	100.0%	100.0%	29.3%
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: 04/28/94			

AVERAGE DAILY UNIT POWER LEVEL

ATTACHMENT 2  
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DOCKET NO. 50-499  
UNIT 2  
DATE Feb. 2, 1994  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

MONTH JANUARY

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE Feb. 2, 1994  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

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
93-07	930524	F	744.0	F	4	N/A	N/A	N/A	The unit will not be taken critical until the results of the auxilliary feedwater system corrective action and additional issues have been addressed.

<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 Exam  
 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

ATTACHMENT 2  
 ST-HL-AE-4701  
 PAGE 5 OF 6

PORVs and Safety Valves Summary

There were no PORV or Safety Valves challenged during the reporting period.