

# The Light company

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

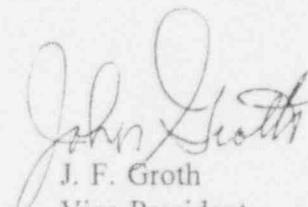
November 14, 1994  
ST-HL-AE-4925  
File No.: G02  
10CFR50.71

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 October 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 October 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 Generation

MKJ/pas

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

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

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Houston Lighting & Power Company  
South Texas Project Electric Generating Station

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File No.: G02  
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C:

Leonard J. Callan  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011

Thomas W. Alexion  
Project Manager  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001 13H15

David P. Loveless  
Sr. Resident Inspector  
c/o U. S. Nuclear Regulatory Comm.  
P. O. Box 910  
Bay City, TX 77404-910

J. R. Newman, Esquire  
Newman, Bouknight & Edgar, P.C.  
STE 1000, 1615 L Street, N.W.  
Washington, DC 20036

K. J. Fiedler/M. T. Hardt  
City Public Service  
P. O. Box 1771  
San Antonio, TX 78296

J. C. Lanier/M. B. Lee  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

G. E. Vaughn/C. A. Johnson  
Central Power and Light Company  
P. O. Box 2121  
Corpus Christi, TX 78403

Rufus S. Scott  
Associate General Counsel  
Houston Lighting & Power Company  
P. O. Box 61067  
Houston, TX 77208

Institute of Nuclear Power  
Operations - Records Center  
700 Galleria Parkway  
Atlanta, GA 30339-5957

Dr. Joseph M. Hendrie  
50 Bellport Lane  
Bellport, NY 11713

Richard A. Ratliff  
Bureau of Radiation Control  
Texas Department of Health  
1100 West 49th Street  
Austin, TX 78756-3189

U. S. Nuclear Regulatory Comm.  
Attn: Document Control Desk  
Washington, D. C. 20555-0001

J. R. Egan, Esquire  
Egan & Associates, P.C.  
2300 N Street, N.W.  
Washington, D.C. 20037

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

Reviewed By:	<u>D. M. Bergendahl</u>	<u>11/3/94</u>
	D. M. BERGENDAHL	Date
Reviewed By:	<u>F. H. Mallen</u>	<u>11/3/94</u>
	F. H. MALLEN	Date
Approved By:	<u>L. W. Myers</u>	<u>11/3/94</u>
	L. W. MYERS	Date

Monthly Summary

REPORT 1
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PAGE 2 OF 6

STPEGS Unit 1 operated during the reporting period with no unit shutdowns or significant power reductions.

## OPERATING DATA REPORT

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

## OPERATING STATUS

1. REPORTING PERIOD: 10/01/94-10/31/94 GROSS HOURS IN REPORTING PERIOD: 745
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.....	745.0	5616.3	32488.9
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	745.0	5379.3	31303.1
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	2843421	19574706	114240213
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	981720	6710630	38725290
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	940164	6400853	36660397
12. REACTOR SERVICE FACTOR.....	100.0%	77.0%	59.9%
13. REACTOR AVAILABILITY FACTOR.....	100.0%	77.0%	59.9%
14. UNIT SERVICE FACTOR.....	100.0%	73.7%	57.7%
15. UNIT AVAILABILITY FACTOR.....	100.0%	73.7%	57.7%
16. UNIT CAPACITY FACTOR (Using MDC).....	100.9%	70.2%	54.1%
17. UNIT CAPACITY FACTOR (Using Design MWe)...	100.9%	70.2%	54.1%
18. UNIT FORCED OUTAGE RATE.....	0.0%	26.3%	31.3%
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Scheduled 45 day refueling outage to begin on March 4, 1995.			
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:			N/A

AVERAGE DAILY UNIT POWER LEVEL

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

MONTH OCTOBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1261
2	1261
3	1259
4	1258
5	1258
6	1258
7	1259
8	1261
9	1262
10	1266
11	1265
12	1266
13	1263
14	1264
15	1264
16	1264

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1263
18	1261
19	1263
20	1262
21	1263
22	1262
23	1261
24	1262
25	1261
26	1261
27	1262
28	1263
29	1262
30	1263
31	1264

## UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH OCTOBER

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
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD									

<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)

<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
SH-RL-AE-4925
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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  
OCTOBER 1994  
HOUSTON LIGHTING AND POWER CO.  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Reviewed By:

D. M. BERGENDAHL  
D. M. BERGENDAHL

11/3/94  
Date

Reviewed By:

F. H. MALLIN  
F. H. MALLIN

11/3/94  
Date

Approved By:

R. E. MASSE  
R. E. MASSE

11/3/94  
Date

Monthly Summary

ATTACHMENT 2
ST-HL-AE-4925
PAGE 2 OF 6

STPEGS Unit 2 operated during the reporting period with no unit shutdowns or significant power reductions.

# OPERATING DATA REPORT

ATTACHMENT 2  
ST-HI-WE 4925  
PAGE 3 OF 6

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

## OPERATING STATUS

1. REPORTING PERIOD: 10/01/94-10/31/94 GROSS HOURS IN REPORTING PERIOD: 745
  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>745.0</u>   | <u>3816.6</u>   | <u>28572.7</u>  |
| 6. REACTOR RESERVE SHUTDOWN HOURS.....                                               | <u>0</u>       | <u>0</u>        | <u>0</u>        |
| 7. HOURS GENERATOR ON LINE.....                                                      | <u>745.0</u>   | <u>3635.0</u>   | <u>27368.7</u>  |
| 8. UNIT RESERVE SHUTDOWN HOURS.....                                                  | <u>0</u>       | <u>0</u>        | <u>0</u>        |
| 9. GROSS THERMAL ENERGY GENERATED (MWt).....                                         | <u>2843329</u> | <u>12879444</u> | <u>99312965</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..                                       | <u>981230</u>  | <u>4367100</u>  | <u>33571690</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)....                                        | <u>942086</u>  | <u>4180447</u>  | <u>31915726</u> |
| 12. REACTOR SERVICE FACTOR.....                                                      | <u>100.0%</u>  | <u>52.3%</u>    | <u>60.7%</u>    |
| 13. REACTOR AVAILABILITY FACTOR.....                                                 | <u>100.0%</u>  | <u>52.3%</u>    | <u>60.7%</u>    |
| 14. UNIT SERVICE FACTOR.....                                                         | <u>100.0%</u>  | <u>49.8%</u>    | <u>58.2%</u>    |
| 15. UNIT AVAILABILITY FACTOR.....                                                    | <u>100.0%</u>  | <u>49.8%</u>    | <u>58.2%</u>    |
| 16. UNIT CAPACITY FACTOR (Using MDC).....                                            | <u>101.1%</u>  | <u>45.8%</u>    | <u>54.2%</u>    |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) ..                                       | <u>101.1%</u>  | <u>45.8%</u>    | <u>54.2%</u>    |
| 18. UNIT FORCED OUTAGE RATE.....                                                     | <u>0.0%</u>    | <u>50.1%</u>    | <u>31.7%</u>    |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):<br>N/A |                |                 |                 |
| 20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A             |                |                 |                 |

## AVERAGE DAILY UNIT POWER LEVEL

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

MONTH OCTOBER

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1264
2	1267
3	1264
4	1263
5	1263
6	1262
7	1264
8	1264
9	1266
10	1263
11	1270
12	1270
13	1269
14	1269
15	1269
16	1268

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	1265
18	1263
19	1266
20	1264
21	1263
22	1262
23	1260
24	1260
25	1261
26	1260
27	1262
28	1264
29	1266
30	1266
31	1266

## UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH OCTOBER

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
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD									

<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

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