

# The Light company

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

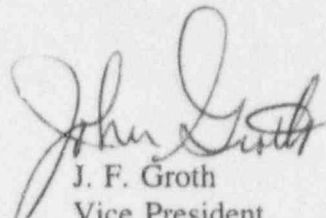
June 14, 1995  
ST-HL-AE-5108  
File No.: G02  
10CFR50.71

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 May 1995

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 May 1995.

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/lf

Attachments: 1) STPEGS Unit 1 Monthly Operating Report - May 1995  
2) STPEGS Unit 2 Monthly Operating Report - May 1995

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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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SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 1  
MONTHLY OPERATING REPORT  
MAY 1995  
HOUSTON LIGHTING AND POWER CO.  
NRC DOCKET NO. 50-498  
LICENSE NO. NPF-76

Reviewed By:

D. M. BERGENDAHL  
D. M. BERGENDAHL6/8/95  
Date

Reviewed By:

F. H. MALLIN  
F. H. MALLIN6/8/95  
Date

Approved By:

L. W. MYERS  
L. W. MYERS6/8/95  
Date

Monthly Summary

ATTACHMENT 1

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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 June 7, 1995  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD. 05/01/95-05/31/95 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.....                                   | 744.0      | 2650.0     | 36602.9    |
| 6. REACTOR RESERVE SHUTDOWN HOURS.....   | 0          | 0          | 0          |
| 7. HOURS GENERATOR ON LINE.....  | 744.0      | 2562.0     | 35329.4    |
| 8. UNIT RESERVE SHUTDOWN HOURS.....  | 0          | 0          | 0          |
| 9. GROSS THERMAL ENERGY GENERATED (MWt).....                                   | 2839390    | 9565177    | 129187158  |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...                                 | 978580     | 3221102    | 43876062   |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)....                                  | 936288     | 3080829    | 41591781   |
| 12. REACTOR SERVICE FACTOR.....  | 100.0%     | 73.1%      | 61.7%      |
| 13. REACTOR AVAILABILITY FACTOR.....   | 100.0%     | 73.1%      | 61.7%      |
| 14. UNIT SERVICE FACTOR.....   | 100.0%     | 70.7%      | 59.6%      |
| 15. UNIT AVAILABILITY FACTOR.....  | 100.0%     | 70.7%      | 59.6%      |
| 16. UNIT CAPACITY FACTOR (Using MDC).....                                      | 100.6%     | 68.0%      | 56.1%      |
| 17. UNIT CAPACITY FACTOR (Using Design MWe)...                                 | 100.6%     | 68.0%      | 56.1       |
| 18. UNIT FORCED OUTAGE RATE.....   | 0.0%       | 2.3%       | 28.8%      |
| 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        |            |            |

## AVERAGE DAILY UNIT POWER LEVEL

ATTACHMENT 1

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DOCKET NO. 50-498

UNIT 1

DATE June 7, 1995

COMPLETED BY R.L. Hill

TELEPHONE 512/972-7667

MONTH MAY

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	1260
2	1260
3	1259
4	1259
5	1260
6	1259
7	1261
8	1261
9	1260
10	1259
11	1259
12	1257
13	1258
14	1258
15	1258
16	1258

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	1259
18	1259
19	1260
20	1260
21	1257
22	1258
23	1257
24	1258
25	1256
26	1256
27	1258
28	1258
29	1257
30	1260
31	1257

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE June 7, 1995  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

REPORT MONTH MAY

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.



SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 2  
MONTHLY OPERATING REPORT  
MAY 1995  
HOUSTON LIGHTING AND POWER CO.  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Reviewed By:

D. M. BERGENDAHL

Date

Reviewed By:

F. H. MALLIN

Date

Approved By:

R. E. MASSE

Date

Monthly Summary

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

# OPERATING DATA REPORT

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DOCKET NO. 50-499  
UNIT 2  
DATE June 7, 1995  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

## OPERATING STATUS

1. REPORTING PERIOD: 05/01/95-05/31/95 GROSS HOURS IN REPORTING PERIOD: 744
  2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800  
MAX.DEPEND.CAPACITY (MWe-Net): 1250.6  
DESIGN ELECTRICAL GENERATING (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.....                                  | 744.0  | 3565.3     | 33602.1    |
| 6. REACTOR RESERVE SHUTDOWN HOURS.....  | 0  | 0          | 0          |
| 7. HOURS GENERATOR ON LINE.....   | 744.0  | 3552.6     | 32385.3    |
| 8. UNIT RESERVE SHUTDOWN HOURS.....   | 0  | 0          | 0          |
| 9. GROSS THERMAL ENERGY GENERATED (MWt).....                                  | 2839848  | 13490286   | 118270782  |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..                                | 977880   | 4655861    | 40113731   |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) ....                                | 937197   | 4459430    | 38185685   |
| 12. REACTOR SERVICE FACTOR.....   | 100.0%   | 98.4%      | 64.4%      |
| 13. REACTOR AVAILABILITY FACTOR.....  | 100.0%   | 98.4%      | 64.4%      |
| 14. UNIT SERVICE FACTOR.....  | 100.0%   | 98.1%      | 62.1%      |
| 15. UNIT AVAILABILITY FACTOR.....   | 100.0%   | 98.1%      | 62.1%      |
| 16. UNIT CAPACITY FACTOR (Using MDC) ...                                      | 100.7%   | 98.4%      | 58.5%      |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) ..                                | 100.7%   | 98.4%      | 58.5%      |
| 18. UNIT FORCED OUTAGE RATE.....  | 0.0%   | 1.9%       | 28.3%      |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): | Scheduled 45 day refueling outage to begin on October 7, 1995. |            |            |
| 20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A      |  |            |            |

## AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499

UNIT 2

DATE June 7, 1995

COMPLETED BY R.L. Hill

TELEPHONE 512/972-7667

MONTH MAY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-----	--

1	1265
2	1263
3	1265
4	1262
5	1261
6	1262
7	1260
8	1261
9	1261
10	1260
11	1258
12	1260
13	1259
14	1260
15	1258
16	1251

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
-----	--

17	1251
18	1259
19	1260
20	1260
21	1261
22	1259
23	1259
24	1260
25	1259
26	1260
27	1261
28	1258
29	1260
30	1258
31	1260



## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE June 7, 1995  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

REPORT MONTH MAY

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

ATTACHMENT 2  
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There were no PORV or Safety Valves challenged during the reporting period.