

# The Light company

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

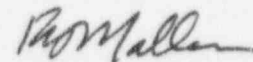
November 15, 1995  
ST-HL-AE-5239  
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10CFR50.71

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 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 October 1995.

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



F. H. Mallen  
Manager,  
Planning & Controls

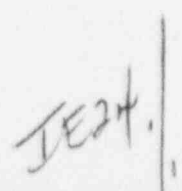
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- Attachments:
- 1) STPEGS Unit 1 Monthly Operating Report - October 1995
  - 2) STPEGS Unit 2 Monthly Operating Report - October 1995

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



c:

Leonard J. Callan  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

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 77404-0910

J. R. Newman, Esquire  
Morgan, Lewis & Bockius  
1800 M Street, N.W.  
Washington, DC 20036-5869

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

Central Power and Light Company  
ATTN: G. E. Vaughn/C. A. Johnson  
P. O. Box 289, Mail Code: N5012  
Wadsworth, TX 77483

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

J. W. Beck  
Little Harbor Consultants, Inc.  
44 Nichols Road  
Cohasset, MA 02025-1166

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

Reviewed By: D. Bergendahl 11/9/95  
D. M. BERGENDAHL Date

Approved By: L. W. Myers 11/10/95  
L. W. MYERS Date

Monthly Summary

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. 9, 1995  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 10/01/95-10/31/95 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>6294.6</u>	<u>40247.5</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>6195.1</u>	<u>38962.5</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (Mwt).....	<u>2843604</u>	<u>23194596</u>	<u>143016576</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	<u>978188</u>	<u>7958410</u>	<u>48613370</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>935678</u>	<u>7608521</u>	<u>46119473</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>86.3%</u>	<u>63.9%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>86.3%</u>	<u>63.9%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>84.9%</u>	<u>61.9%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>84.9%</u>	<u>61.9%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>100.4%</u>	<u>83.4%</u>	<u>58.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>100.4%</u>	<u>83.4%</u>	<u>58.6%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>1.6%</u>	<u>26.9%</u>
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

DOCKET NO. 50-498  
UNIT 1  
DATE Nov. 9, 1995  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

MONTH OCTOBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1250
2	1254
3	1251
4	1255
5	1259
6	1255
7	1255
8	1255
9	1255
10	1255
11	1255
12	1255
13	1265
14	1256
15	1257
16	1259

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1259
18	1255
19	1259
20	1255
21	1260
22	1259
23	1258
24	1255
25	1260
26	1260
27	1254
28	1259
29	1258
30	1240
31	1249

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE Nov. 9, 1995  
 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.



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

Reviewed By: D. M. Bergendahl 11/9/95  
D. M. BERGENDAHL Date

Approved By: R. E. Masse 11/9/95  
R. E. MASSE Date

Monthly Summary

STPEGS Unit 2 began the reporting period operating at 100% reactor power.

The unit was removed from service on October 7 at 0001 for refueling and scheduled maintenance.

OPERATING DATA REPORT

DOCKET NO. 50-499  
 UNIT 2  
 DATE Nov. 9, 1995  
 COMPLETED BY R.L. Hill  
 TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 10/01/95-10/31/95 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800  
 MAX.DEPEND.CAPACITY (MWe-Net): 1250.6  
 DESIGN ELECTRICAL RATING (MW<sub>e</sub>-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>145.8</u>	<u>6639.1</u>	<u>36675.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>144.0</u>	<u>6624.6</u>	<u>35457.3</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>538289</u>	<u>25204384</u>	<u>129984880</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	<u>184200</u>	<u>8661211</u>	<u>44119081</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>175600</u>	<u>8288671</u>	<u>42014926</u>
12. REACTOR SERVICE FACTOR.....	<u>19.6%</u>	<u>91.0%</u>	<u>65.7%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>19.6%</u>	<u>91.0%</u>	<u>65.7%</u>
14. UNIT SERVICE FACTOR.....	<u>19.3%</u>	<u>90.8%</u>	<u>63.5%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>19.3%</u>	<u>90.8%</u>	<u>63.5%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>18.8%</u>	<u>90.8%</u>	<u>60.2</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>18.8%</u>	<u>90.8%</u>	<u>60.2%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>1.1%</u>	<u>26.5%</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:	<u>11/2/95</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499  
UNIT 2  
DATE Nov. 9, 1995  
COMPLETED BY R.L. Hill  
TELEPHONE 512/972-7667

MONTH OCTOBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1248
2	1245
3	1250
4	1249
5	1250
6	1076
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 Nov. 9, 1995  
 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
95-04	951007	S	601.0	C	1	N/A	N/A	N/A	Refueling and scheduled maintenance outage.

<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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During the Reactor Coolant System fill and vent, Reactor Coolant Pump (RCP) 2B was started after RCP 2D was started and a pressure increase caused pressurizer PORV-0656A to open then close on the cold overpressure mitigation system setpoint.