

The Light company

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

December 11, 1996
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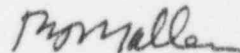
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for November 1996

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 November 1996.

If you should have any questions on this matter, please contact D. M. Bergendahl at (512) 972-7688.

Sincerely,



F. H. Mallen
Manager, Planning & Controls

RLH/sl

Attachments: 1) STPEGS Unit 1 Monthly Operating Report - November 1996
2) STPEGS Unit 2 Monthly Operating Report - November 1996

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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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SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
NOVEMBER 1996
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By:

D.M. Bergendahl
D.M. BERGENDAHL

12/5/96
Date

Approved By:

G.L. Parkey
G.L. PARKEY

12/5/96
Date

MONTHLY SUMMARY

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

OPERATING DATA REPORT

DOCKETNO. 50-498
UNIT 1
DATE Dec. 4, 1996
COMPLETED BY R.L. Hill
TELEPHONE 512 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 11/1/96-11/30/96 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3800
MAXIMUM DEPENDABLE 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 CRITICAL	<u>720.0</u>	<u>7,498.2</u>	<u>49,135.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>7,471.0</u>	<u>47,810.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,746,683</u>	<u>28,239,082</u>	<u>*6,395,417</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>946,200</u>	<u>9,701,740</u>	<u>60,083,410</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>907,190</u>	<u>9,287,610</u>	<u>57,100,330</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>93.3%</u>	<u>67.8%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>93.3%</u>	<u>67.8%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>92.9%</u>	<u>66.0%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>92.9%</u>	<u>66.0%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>100.8%</u>	<u>92.4%</u>	<u>63.0%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>100.8%</u>	<u>92.4%</u>	<u>63.0%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>23.2%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): N/A			
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A			

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-498
 UNIT 1
 DATE Dec. 4, 1996
 COMPLETED BY R.L. Hill
 TELEPHONE 512 972-7667

MONTH NOVEMBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>1256</u>
2	<u>1261</u>
3	<u>1256</u>
4	<u>1261</u>
5	<u>1255</u>
6	<u>1260</u>
7	<u>1255</u>
8	<u>1260</u>
9	<u>1261</u>
10	<u>1257</u>
11	<u>1261</u>
12	<u>1262</u>
13	<u>1259</u>
14	<u>1263</u>
15	<u>1259</u>
16	<u>1264</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1263</u>
18	<u>1261</u>
19	<u>1255</u>
20	<u>1263</u>
21	<u>1255</u>
22	<u>1255</u>
23	<u>1259</u>
24	<u>1260</u>
25	<u>1264</u>
26	<u>1260</u>
27	<u>1265</u>
28	<u>1261</u>
29	<u>1265</u>
30	<u>1265</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKETNO. 50-498
 UNIT 1
 DATE Dec. 4, 1996
 COMPLETED BY R.L. Hill
 TELEPHONE 512 972-7667

REPORT MONTH NOVEMBER

No.	Date	¹ Type	Duration (Hours)	² Reason	³ Method of Shutting Down Reactor	Licensee Event Report #	⁴ System Code	⁵ Component Code	Cause & Corrective Action to Prevent Recurrence
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD									

¹
 F: Forced
 S: Scheduled

²
 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)

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

⁴
 IEEE 805-1983

⁵
 IEEE 803-1983

PORVS AND SAFETY VALVE SUMMARY

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

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2

MONTHLY OPERATING REPORT

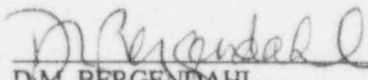
NOVEMBER 1996

HOUSTON LIGHTING AND POWER CO.

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

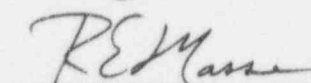
Reviewed By:


D.M. BERGENDAHL

Date

12/5/96

Approved By:


R.E. MASSE

Date

12/9/96

MONTHLY SUMMARY

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

OPERATING DATA REPORT

DOCKETNO. 50-499
UNIT 2
DATE Dec. 4, 1996
COMPLETED BY R.L. Hill
TELEPHONE 512 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 11/1/96-11/30/96 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3800
MAXIMUM DEPENDABLE 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 CRITICAL	<u>720.0</u>	<u>7,709.7</u>	<u>45,810.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>7,630.0</u>	<u>44,448.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,747,965</u>	<u>29,005,566</u>	<u>163,980,243</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>944,000</u>	<u>9,946,400</u>	<u>55,774,781</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>905,750</u>	<u>9,522,140</u>	<u>53,171,486</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>95.9%</u>	<u>70.1%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>95.9%</u>	<u>70.1%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>94.9%</u>	<u>68.0%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>94.9%</u>	<u>68.0%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>100.6%</u>	<u>94.7%</u>	<u>65.1%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>100.6%</u>	<u>94.7%</u>	<u>65.1%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.7%</u>	<u>22.5%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	Scheduled 35 day refueling outage to begin on February 8, 1997		
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>N/A</u>			

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
 UNIT 2
 DATE Dec. 4, 1996
 COMPLETED BY R.L. Hill
 TELEPHONE 512 972-7667

MONTH NOVEMBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>1261</u>
2	<u>1254</u>
3	<u>1258</u>
4	<u>1258</u>
5	<u>1258</u>
6	<u>1253</u>
7	<u>1253</u>
8	<u>1254</u>
9	<u>1258</u>
10	<u>1258</u>
11	<u>1261</u>
12	<u>1247</u>
13	<u>1260</u>
14	<u>1260</u>
15	<u>1255</u>
16	<u>1259</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1259</u>
18	<u>1259</u>
19	<u>1260</u>
20	<u>1256</u>
21	<u>1261</u>
22	<u>1256</u>
23	<u>1260</u>
24	<u>1257</u>
25	<u>1261</u>
26	<u>1261</u>
27	<u>1261</u>
28	<u>1260</u>
29	<u>1261</u>
30	<u>1261</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Dec. 4, 1996
 COMPLETED BY R.L. Hill
 TELEPHONE 512 972-7667

REPORT MONTH NOVEMBER

No.	Date	1 Type	Duration (Hours)	2 Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD									

1
 F: Forced
 S: Scheduled

2
 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)

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

4
 IEEE 805-1983

5
 IEEE 803-1983

PORVS AND SAFETY VALVE SUMMARY

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