

The Light company

Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

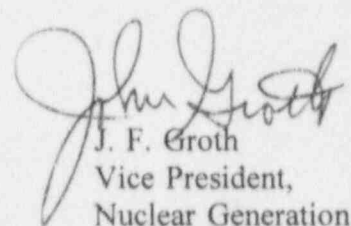
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for April 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 April 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 - April 1995
 - 2) STPEGS Unit 2 Monthly Operating Report - April 1995

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

MISC-95/95-131.001

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

Reviewed By:	<u>D. Bergendahl</u>	<u>5/10/95</u>
	D. M. BERGENDAHL	Date
Reviewed By:	<u>F. H. Mallen</u>	<u>5/10/95</u>
	F. H. MALLEN	Date
Approved By:	<u>L. W. Myers</u>	<u>5/11/95</u>
	L. W. MYERS	Date

Monthly Summary

STPEGS Unit 1 began the reporting period shutdown for refueling and scheduled maintenance.

The unit was returned to service on 4/14/95 at 1845. Power ascension tests were completed and 100% reactor power was achieved on 4/20/95 at 0814.

The unit operated for the remainder of the reporting period with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE May 8, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 04/01/95-04/30/95 GROSS HOURS IN REPORTING PERIOD: 719
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>448.8</u>	<u>1906.0</u>	<u>35858.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>389.3</u>	<u>1818.0</u>	<u>34585.4</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>1266206</u>	<u>6525787</u>	<u>126347768</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	<u>429440</u>	<u>2242522</u>	<u>42897482</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>407942</u>	<u>2144541</u>	<u>40655493</u>
12. REACTOR SERVICE FACTOR.....	<u>62.4%</u>	<u>66.2%</u>	<u>61.2%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>62.4%</u>	<u>66.2%</u>	<u>61.2%</u>
14. UNIT SERVICE FACTOR.....	<u>54.1%</u>	<u>63.1%</u>	<u>59.1%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>54.1%</u>	<u>63.1%</u>	<u>59.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>45.4%</u>	<u>59.6%</u>	<u>55.5%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	<u>45.4%</u>	<u>59.6%</u>	<u>55.5</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>3.2%</u>	<u>29.3%</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 May 8, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH APRIL

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>181</u>
16	<u>433</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>843</u>
18	<u>774</u>
19	<u>910</u>
20	<u>1247</u>
21	<u>1258</u>
22	<u>1260</u>
23	<u>1259</u>
24	<u>1262</u>
25	<u>1263</u>
26	<u>1263</u>
27	<u>1261</u>
28	<u>1263</u>
29	<u>1261</u>
30	<u>1262</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE May 8, 1995
 COMPLETED BY R.L. Hill
 TELEPHONE 512/972-7667

REPORT MONTH APRIL

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
95-07	950304	S	329.7	C	4	N/A	N/A	N/A	Refueling and scheduled maintenance outage.

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)

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 803A-1983

PORVs and Safety Valves Summary

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

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

Reviewed By:	<u>D. M. Bergendahl</u>	<u>5/10/95</u>
	D. M. BERGENDAHL	Date
Reviewed By:	<u>F. H. Mallen</u>	<u>5/10/95</u>
	F. H. MALLEN	Date
Approved By:	<u>Robert E. Masse</u>	<u>5/11/95</u>
	R. E. MASSE	Date

Monthly Summary

STPEGS Unit 2 began the reporting period operating at approximately 87% reactor power with ascension to 100% in progress following recovery from a reactor trip on 3/28/95. The unit achieved full power on 4/1/95 at 0338.

On 4/3/95 at 1936 reactor power was reduced to 75% to allow repair of an electro-hydraulic control oil leak on the low pressure governor valve actuator of Steam Generator Feedwater Pump Turbine 22. Maintenance was completed and the unit was returned to full power on 4/4/95 at 0307.

The unit operated for the remainder of the reporting period with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE May 8, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 04/01/95-04/30/95 GROSS HOURS IN REPORTING PERIOD: 719
 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>719.0</u> | <u>2821.3</u> | <u>32858.1</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE..... | <u>719.0</u> | <u>2808.6</u> | <u>31641.3</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWt)..... | <u>2736514</u> | <u>10650438</u> | <u>115430934</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .. | <u>942860</u> | <u>3677981</u> | <u>39135851</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH).... | <u>901557</u> | <u>3522233</u> | <u>37248488</u> |
| 12. REACTOR SERVICE FACTOR..... | <u>100.0%</u> | <u>98.0%</u> | <u>63.9%</u> |
| 13. REACTOR AVAILABILITY FACTOR..... | <u>100.0%</u> | <u>98.0%</u> | <u>63.9%</u> |
| 14. UNIT SERVICE FACTOR..... | <u>100.0%</u> | <u>97.6%</u> | <u>61.5%</u> |
| 15. UNIT AVAILABILITY FACTOR..... | <u>100.0%</u> | <u>97.6%</u> | <u>61.5%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | <u>100.3%</u> | <u>97.8%</u> | <u>57.9%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) .. | <u>100.3%</u> | <u>97.8%</u> | <u>57.9%</u> |
| 18. UNIT FORCED OUTAGE RATE..... | <u>0.0%</u> | <u>2.4%</u> | <u>28.8%</u> |
| 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 May 8, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH APRIL

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

1	<u>1239</u>
2	<u>1258</u>
3	<u>1172</u>
4	<u>1247</u>
5	<u>1255</u>
6	<u>1247</u>
7	<u>1249</u>
8	<u>1256</u>
9	<u>1226</u>
10	<u>1228</u>
11	<u>1236</u>
12	<u>1233</u>
13	<u>1254</u>
14	<u>1266</u>
15	<u>1266</u>
16	<u>1267</u>

DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

17	<u>1266</u>
18	<u>1265</u>
19	<u>1265</u>
20	<u>1266</u>
21	<u>1265</u>
22	<u>1264</u>
23	<u>1266</u>
24	<u>1268</u>
25	<u>1266</u>
26	<u>1267</u>
27	<u>1266</u>
28	<u>1266</u>
29	<u>1266</u>
30	<u>1266</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE May 8, 1995
 COMPLETED BY R.L. Hill
 TELEPHONE 512/972-7667

REPORT MONTH APRIL

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
95-03	950403	F	0.0	A	5	N/A	SJ	V	Reactor power reduced to 75% to allow repair of an electro-hydraulic control oil leak on the low pressure governor valve actuator of Steam Generator Feedwater Pump Turbine 22.

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 803A-1983

PORVs and Safety Valves Summary

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