

The Light company

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

March 7, 1996
ST-HL-AE-005318
File No. G02
10CFR50.71

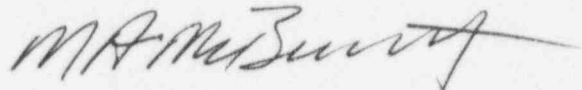
U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

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

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

Sincerely,



M. A. McBurnett
Manager, Nuclear Licensing

RLH/sl

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

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PDR ADOCK 05000498
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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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c:

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

Reviewed By: D. M. Bergendahl 3/5/96
D. M. BERGENDAHL Date

Approved By: L. W. Myers 3/7/96
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 Mar. 5, 1996
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 02/01/96-02/29/96 GROSS HOURS IN REPORTING PERIOD: 696
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>696.0</u>	<u>1440.0</u>	<u>43077.3</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>696.0</u>	<u>1440.0</u>	<u>41779.3</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>2656540</u>	<u>5452233</u>	<u>153608568</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	<u>916300</u>	<u>1879300</u>	<u>52260970</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>878580</u>	<u>1801440</u>	<u>49614160</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>100.0%</u>	<u>65.4%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>100.0%</u>	<u>65.4%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>100.0%</u>	<u>63.4%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>100.0%</u>	<u>63.4%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>100.9%</u>	<u>100.0%</u>	<u>60.2%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	<u>100.9%</u>	<u>100.0%</u>	<u>60.2%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>0.0%</u>	<u>25.7%</u>

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):
Scheduled 35 day refueling outage to begin on May 18, 1996.
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 Mar. 5, 1996
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH FEBRUARY

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1262</u>
2	<u>1259</u>
3	<u>1262</u>
4	<u>1263</u>
5	<u>1263</u>
6	<u>1262</u>
7	<u>1262</u>
8	<u>1261</u>
9	<u>1262</u>
10	<u>1262</u>
11	<u>1263</u>
12	<u>1262</u>
13	<u>1266</u>
14	<u>1263</u>
15	<u>1260</u>
16	<u>1260</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1262</u>
18	<u>1263</u>
19	<u>1263</u>
20	<u>1267</u>
21	<u>1263</u>
22	<u>1262</u>
23	<u>1263</u>
24	<u>1263</u>
25	<u>1264</u>
26	<u>1263</u>
27	<u>1259</u>
28	<u>1263</u>
29	<u>1253</u>
30	<u>N/A</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Mar. 5, 1996
 COMPLETED BY R.L. Hill
 TELEPHONE 512/972-7667

REPORT MONTH FEBRUARY

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
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 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
FEBRUARY 1996
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By: D. M. BERGENDAHL 3/5/96
D. M. BERGENDAHL Date

Approved By: R. E. MASSE 3/5/96
R. E. MASSE Date

Monthly Summary

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

On February 24, at 0514 the unit was ramped down and the breaker opened to allow a weld repair on a hydrogen gas system flange assembly attached to the main generator. While the unit was off line corrective maintenance was also performed on main transformer 2A, steam generator feedwater pumps 22 and 23 and the main generator output breaker.

The unit was returned to service on February 26, at 1445 and achieved full power on February 27 at 1100.

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE Mar. 5, 1996
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 02/01/96-02/29/96 GROSS HOURS IN REPORTING PERIOD: 696
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>696.0</u>	<u>1109.7</u>	<u>39210.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>638.5</u>	<u>1030.0</u>	<u>37848.5</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>2402878</u>	<u>3837368</u>	<u>138812044</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	<u>821500</u>	<u>1312400</u>	<u>47140781</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>785540</u>	<u>1254520</u>	<u>44903866</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>77.1%</u>	<u>66.8%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>77.1%</u>	<u>66.8%</u>
14. UNIT SERVICE FACTOR.....	<u>91.7%</u>	<u>71.5%</u>	<u>64.4%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>91.7%</u>	<u>71.5%</u>	<u>64.4%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>90.2%</u>	<u>69.7%</u>	<u>61.1%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>90.2%</u>	<u>69.7%</u>	<u>61.1%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>8.3%</u>	<u>5.3%</u>	<u>25.5%</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>N/A</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499
UNIT 2
DATE Mar. 5, 1996
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH FEBRUARY

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1263</u>
2	<u>1263</u>
3	<u>1263</u>
4	<u>1263</u>
5	<u>1263</u>
6	<u>1263</u>
7	<u>1264</u>
8	<u>1257</u>
9	<u>1263</u>
10	<u>1265</u>
11	<u>1259</u>
12	<u>1263</u>
13	<u>1263</u>
14	<u>1263</u>
15	<u>1258</u>
16	<u>1263</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1263</u>
18	<u>1263</u>
19	<u>1258</u>
20	<u>1263</u>
21	<u>1262</u>
22	<u>1263</u>
23	<u>1143</u>
24	<u>9</u>
25	<u>0</u>
26	<u>114</u>
27	<u>1175</u>
28	<u>1263</u>
29	<u>1263</u>
30	<u>N/A</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499

UNIT 2

DATE Mar. 5, 1996

COMPLETED BY R.L. Hill

TELEPHONE 512/972-7667

REPORT MONTH FEBRUARY

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
96-02	960224	F	57.5	B	9	N/A	TK	PSF	<p>The unit was ramped down and the breaker opened to allow a weld repair on a hydrogen gas system flange assembly attached to the main generator.</p> <p>While the unit was off line corrective maintenance was also performed on main transformer 2A, steam generator feedwater pumps 22 and 23 and the main generator output breaker.</p>

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
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E-Operator Training & License Exam
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³
Method:
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2-Manual Scram
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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.