

The Light company

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

October 13, 1995

ST-HL-AE-5215

File No.: G02

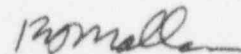
10CFR50.71

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 September 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 September 1995.

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



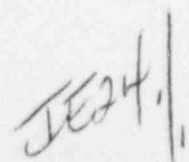
F. H. Mallen
Manager,
Planning & Controls

RLH/bc

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

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

Reviewed By: D. M. Bergendahl 10/6/95
D. M. BERGENDAHL Date

Approved By: L. W. Myers 10/14/95
L. W. MYERS Date

Monthly Summary

STPEGS Unit 1 began the reporting period operating at approximately 86% reactor power with ascension to full power in progress following recovery from a reactor trip on August 29.

The unit achieved full power on September 1 at 0655 and 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 Oct. 6, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 09/01/95-09/30/95 GROSS HOURS IN REPORTING PERIOD: 720
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.....	720.0	5549.6	39502.5
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	720.0	5450.1	38217.5
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (Mwt).....	2747507	20350992	140172972
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	939300	6980222	47635182
11. NET ELECTRICAL ENERGY GENERATED (MWH)	897450	6672843	45183795
12. REACTOR SERVICE FACTOR.....	100.0%	84.7%	63.5%
13. REACTOR AVAILABILITY FACTOR.....	100.0%	84.7%	63.5%
14. UNIT SERVICE FACTOR.....	100.0%	83.2%	61.4%
15. UNIT AVAILABILITY FACTOR.....	100.0%	83.2%	61.4%
16. UNIT CAPACITY FACTOR (Using MDC).....	99.7%	81.4%	58.1%
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	99.7%	81.4%	58.1%
18. UNIT FORCED OUTAGE RATE.....	0.0%	1.8%	27.3%
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 Oct. 6, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH SEPTEMBER

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1234
2	1242
3	1246
4	1242
5	1247
6	1241
7	1242
8	1246
9	1251
10	1246
11	1242
12	1246
13	1246
14	1246
15	1242
16	1250

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	1246
18	1241
19	1245
20	1242
21	1240
22	1247
23	1255
24	1256
25	1250
26	1253
27	1250
28	1255
29	1251
30	1255
31	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Oct. 6, 1995
 COMPLETED BY R.L. Hill
 TELEPHONE 512/972-7667

REPORT MONTH SEPTEMBER

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

ATTACHMENT 1
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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
SEPTEMBER 1995
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By:

D. M. BERGENDAHL
D. M. BERGENDAHL

10/6/95
Date

Approved By:

R. E. MASSE
R. E. MASSE

10/9/95
Date

Monthly Summary

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

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE Oct. 6, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 09/01/95-09/30/95 GROSS HOURS IN REPORTING PERIOD: 720
 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..... | 720.0 | 6493.3 | 36530.1 |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 7. HOURS GENERATOR ON LINE..... | 720.0 | 6480.6 | 35313.3 |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (Mwt)..... | 2748240 | 24666095 | 129446592 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .. | 938900 | 8477011 | 43934881 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 896420 | 8113071 | 41839326 |
| 12. REACTOR SERVICE FACTOR..... | 100.0% | 99.1% | 66.3% |
| 13. REACTOR AVAILABILITY FACTOR..... | 100.0% | 99.1% | 66.3% |
| 14. UNIT SERVICE FACTOR..... | 100.0% | 98.9% | 64.1% |
| 15. UNIT AVAILABILITY FACTOR..... | 100.0% | 98.9% | 64.1% |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | 99.6% | 99.0% | 60.7% |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) .. | 99.6% | 99.0% | 60.7% |
| 18. UNIT FORCED OUTAGE RATE..... | 0.0% | 1.1% | 26.6% |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): | Scheduled 35 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 Oct. 6, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH SEPTEMBER

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1245
2	1241
3	1241
4	1236
5	1241
6	1240
7	1240
8	1237
9	1241
10	1249
11	1245
12	1245
13	1247
14	1243
15	1245
16	1245

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	1245
18	1241
19	1240
20	1240
21	1244
22	1249
23	1249
24	1253
25	1254
26	1249
27	1253
28	1249
29	1254
30	1248
31	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 199
 UNIT 2
 DATE 6, 1995
 COMPLETED BY Hill
 TELEPHONE /972-7667

REPORT MONTH SEPTEMBER

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
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²
 Reason:
 A-Equipment Failure (Explain)
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³
 Method:
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 9-Other

⁴
 IEEE 805-1983

⁵
 IEEE 803A-1983

ATTACHMENT 2
 ST-HL-AE-5215
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PORVs and Safety Valves Summary

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