

The Light company

Houston Lighting & Power

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

August 11, 1992

ST-HL-AE-4170
File No.: G02
10CFR50.71

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

South Texas Project
Units 1 & 2
Docket Nos. STN 50-498 & 50-499
Monthly Operating Reports for July, 1992

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 July, 1992.

If you should have any questions on this matter, please
contact Mr. C. A. Ayala at (512) 972-8628.

William J. Jump
William J. Jump
General Manager
Nuclear Licensing

MKJ/ag

- Attachments: 1) STPEGS Unit 1 Monthly Operating Report -
July, 1992
2) STPEGS Unit 2 Monthly Operating Report -
July, 1992

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A Subsidiary of Houston Industries Incorporated

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Houston Lighting & Power Company
South Texas Project Electric Generating Station

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cc:

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Revised 10/11/91

L4/NRC/

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
JULY 1992
HOUSTON LIGHTING AND POWER CO.
NRG DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By:	<u> <i>A. P. 911</i> </u>	<u> 8/4/92 </u>
	Supervisor	Date
Reviewed By:	<u> <i>D. C. Lego</i> </u>	<u> 8-5-92 </u>
	Plant Engineering Manager	Date
Approved By:	<u> <i>Al Parley</i> </u>	<u> 8/5/92 </u>
	Plant Manager	Date

Monthly Summary

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

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Aug 4, 1992
TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 07/01-07/31 GROSS HOURS IN REPORTING PERIOD: 744
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>744.0</u>	<u>4856.0</u>	<u>74886.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>744.0</u>	<u>4839.5</u>	<u>24051.7</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt)....	<u>2817038</u>	<u>18315737</u>	<u>88470059</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>952010</u>	<u>6228150</u>	<u>29936150</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>908209</u>	<u>5960547</u>	<u>28288916</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>95.0%</u>	<u>72.2%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>95.0%</u>	<u>72.2%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>94.7%</u>	<u>69.7%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>94.7%</u>	<u>69.7%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>97.6%</u>	<u>93.3%</u>	<u>65.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>97.6%</u>	<u>93.3%</u>	<u>65.6%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>1.7%</u>	<u>12.0%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	Scheduled 62 day refueling outage to begin September 19, 1992.		
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 Aug 4, 1992
COMPLETED BY A. P. Kent
TELEPHONE 512/972-7786

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1230
2	1230
3	1230
4	1230
5	1230
6	1232
7	1233
8	1197
9	1174
10	1174
11	1172
12	1200
13	1230
14	1228
15	1228
16	1230

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1227
18	1224
19	1227
20	1226
21	1231
22	1231
23	1229
24	1225
25	1225
26	1224
27	1224
28	1223
29	1226
30	1227
31	1227

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Aug 4, 1992
 COMPLETED BY A. P. Kert
 TELEPHONE 512/972-7786

REPORT MONTH JULY

No.	Date	Type	1 Duration (Hours)	2 Reason	3 Method of Shutting Down Reactor	3 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)

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
JULY 1992
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By:	<u>W. P. Old</u>	<u>8/4/92</u>
	Supervisor	Date
Reviewed By:	<u>D. C. Logan</u>	<u>8-5-92</u>
	Plant Engineering Manager	Date
Approved By:	<u>Sl. Parkey</u>	<u>8/1/92</u>
	Plant Manager	Date

Monthly Summary

ATTACHMENT 2
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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 Aug 4, 1992
 COMPLETED BY A. P. Kent
 TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 07/01-07/31 GROSS HOURS IN REPORTING PERIOD: 744
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>744.0</u>	<u>4962.6</u>	<u>20385.2</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>744.0</u>	<u>4925.3</u>	<u>19407.5</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (Mwt)....	<u>2830229</u>	<u>18143789</u>	<u>70537060</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>958600</u>	<u>6162050</u>	<u>23829410</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)...	<u>917735</u>	<u>5898533</u>	<u>22602536</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>97.1%</u>	<u>74.6%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>97.1%</u>	<u>74.6%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>96.4%</u>	<u>71.0%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>96.4%</u>	<u>71.0%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>98.6%</u>	<u>92.3%</u>	<u>66.1%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>98.6%</u>	<u>92.3%</u>	<u>66.1%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>3.6%</u>	<u>13.5%</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: <u>N/A</u>			

ATTACHMENT 2
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499
UNIT 2
DATE Aug 4, 1992
COMPLETED BY A.F. Kent
TELEPHONE 512/972-7786

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	LAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1238	17	1239
2	1239	18	1239
3	1239	9	1240
4	1240	20	1242
5	1239	21	1242
6	1239	22	1239
7	1235	23	1238
8	1236	24	1236
9	1205	25	1237
10	1138	26	1234
11	1237	27	1235
12	1238	28	1237
13	1238	29	1234
14	1237	30	1237
15	1238	31	1237
16	1239		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Aug 4, 1992
 COMPLETED BY A. P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH JULY

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 2
 ST-HL-AE-V170
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PORVs and Safety Valves Summary

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