

# The Light company

Houston Lighting & Power

South Texas Project Electric Generating Station P. O. Box 285 Wadsworth, Texas 77483

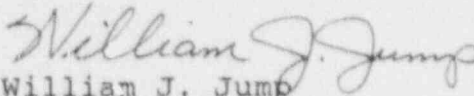
June 8, 1992  
ST-HL-AE-4117  
File No.: G02  
10CFR50.71

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 May, 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 May, 1992.

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

  
William J. Jump  
Manager  
Nuclear Licensing

MKJ/lf

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

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A Subsidiary of Houston Industries Incorporated

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Houston Lighting & Power Comp  
South Texas Project Electric Generating Station

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cc:

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Nuclear Regulatory Commission  
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Washington, DC 20555

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City Public Service Board  
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1100 Circle 75 Parkway  
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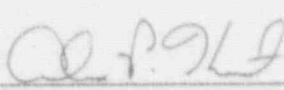
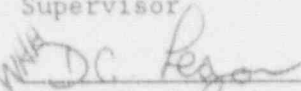
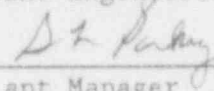
Dr. Joseph M. Hendrie  
50 Bellport Lane  
Bellport, NY 11713

D. K. Lacker  
Bureau of Radiation Control  
Texas Department of Health  
1100 West 49th Street  
Austin, TX 78756-3189

Revised 10/11/91

L4/NRC/

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

Reviewed By:	<u></u>	<u>6/3/92</u>
	Supervisor	Date
Reviewed By:	<u></u>	<u>6/4/92</u>
	Plant Engineering Manager	Date
Approved By:	<u></u>	<u>6/11/92</u>
	Plant Manager	Date

Monthly Summary

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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 Jun 3, 1992  
 COMPLETED BY A.P. Kent  
 TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 05/01-05/31 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>3392.0</u>	<u>23422.9</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>3375.5</u>	<u>22587.7</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>2833435</u>	<u>12758887</u>	<u>82913209</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>966370</u>	<u>4351060</u>	<u>28059060</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>925339</u>	<u>4167845</u>	<u>26496214</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>93.0%</u>	<u>70.9%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>93.0%</u>	<u>70.9%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>92.6%</u>	<u>68.4%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>92.6%</u>	<u>68.4%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>99.5%</u>	<u>91.4%</u>	<u>64.2%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>99.5%</u>	<u>91.4%</u>	<u>64.2%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>2.5%</u>	<u>12.7%</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 Jun. 3, 1992  
COMPLETED BY A.P. Kent  
TELEPHONE 512/972-7786

MONTH MAY

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>1251</u>
2	<u>1252</u>
3	<u>1253</u>
4	<u>1252</u>
5	<u>1250</u>
6	<u>1251</u>
7	<u>1249</u>
8	<u>1247</u>
9	<u>1249</u>
10	<u>1249</u>
11	<u>1247</u>
12	<u>1247</u>
13	<u>1246</u>
14	<u>1245</u>
15	<u>1242</u>
16	<u>1246</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>1248</u>
18	<u>1247</u>
19	<u>1208</u>
20	<u>1241</u>
21	<u>1243</u>
22	<u>1243</u>
23	<u>1241</u>
24	<u>1240</u>
25	<u>1235</u>
26	<u>1236</u>
27	<u>1237</u>
28	<u>1237</u>
29	<u>1238</u>
30	<u>1243</u>
31	<u>1245</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE Jun. 3, 1992  
 COMPLETED BY A.P. Kent  
 TELEPHONE 512/972-7786

REPORT MONTH MAY

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

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

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

<sup>4</sup> IEEE 805-1983

<sup>5</sup> IEEE 803A-1983

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

Reviewed By: *[Signature]* 6/3/92  
Supervisor Date  
Reviewed By: *[Signature]* 6/4/92  
Plant Engineering Manager Date  
Approved By: *[Signature]* 6/4/92  
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 Jun 3, 1992  
 COMPLETED BY A.P. Kent  
 TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 05/01-05/31 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.....	744.0	3498.6	18921.2
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	744.0	3461.3	17943.5
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	2826840	12567245	64960515
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	961080	4274490	21941850
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	920771	4090985	20794988
12. REACTOR SERVICE FACTOR.....	100.0%	95.9%	73.1%
13. REACTOR AVAILABILITY FACTOR.....	100.0%	95.9%	73.1%
14. UNIT SERVICE FACTOR.....	100.0%	94.9%	69.4%
15. UNIT AVAILABILITY FACTOR.....	100.0%	94.9%	69.4%
16. UNIT CAPACITY FACTOR (Using MDC).....	99.0%	89.7%	64.3%
17. UNIT CAPACITY FACTOR (Using Design MWe)...	99.0%	89.7%	64.3%
18. UNIT FORCED OUTAGE RATE.....	0.0%	5.1%	14.5%
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>			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499  
UNIT 2  
DATE Jun 3, 1992  
COMPLETED BY A.P. Kent  
TELEPHONE 512/972-7786

MONTH MAY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1250
2	1251
3	1251
4	1250
5	1250
6	1250
7	1249
8	1247
9	1250
10	1252
11	1241
12	1235
13	1233
14	1232
15	1238
16	1246

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1243
18	1213
19	1213
20	1246
21	1243
22	1241
23	1246
24	1245
25	1238
26	1130
27	1204
28	1243
29	1244
30	1246
31	1248

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE Jun 3, 1992  
 COMPLETED BY A.P. Keat  
 TELEPHONE 512/972-7786

REPORT MONTH MAY

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

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup> 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)

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

<sup>4</sup> IEEE 805-1983

<sup>5</sup> IEEE 803A-1983

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PORVs and Safety Valves Summary

ATTACHMENT 2

ST-HL-AE-4417

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