

The Light company

Houston Lighting & Power

P.O. Box 1700 Houston, Texas 77001 (713) 228-9211

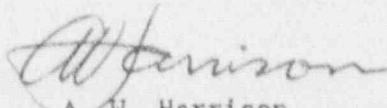
March 15, 1991
ST-HL-AE-3724
File No.: G02
10CFR50.71

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

South Texas Project Electric Generating Station
Units 1 & 2
Docket Nos. STN 50-498 & 50-499
Monthly Operating Reports for February, 1991

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 February, 1991.

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


A. W. Harrison
Manager
Nuclear Licensing

MKJ/amp

- Attachments: 1) STPEGS Unit 1 Monthly Operating Report - February, 1991
2) STPEGS Unit 2 Monthly Operating Report - February, 1991

210006

RREP\91071001.1&2
9103200367 910228
PDR ADOCK 05000498
R PDR

A Subsidiary of Houston Industries Incorporated

TE24

Houston Lighting & Power Company
South Texas Project Electric Generating Station

ST-HL-AE-3724
File No.: G02
Page 2

cc:

Regional Administrator, Region IV
Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011

George Dick, Project Manager
U.S. Nuclear Regulatory Commission
Washington, DC 20555

J. I. Tapia
Senior Resident Inspector
c/o U. S. Nuclear Regulatory
Commission
P. O. Box 910
Bay City, TX 77414

J. R. Newman, Esquire
Newman & Holtzinger, P.C.
1615 L Street, N.W.
Washington, DC 20036

D. E. Ward/T. M. Puckett
Central Power and Light Company
P. O. Box 2121
Corpus Christi, TX 78403

J. C. Lanier/M. B. Lee
City of Austin
Electric Utility Department
P.O. Box 1088
Austin, TX 78767

R. J. Costello/M. T. Hardt
City Public Service Board
P. O. Box 1771
San Antonio, TX 78296

Rufus S. Scott
Associate General Counsel
Houston Lighting & Power Company
P. O. Box 61867
Houston, TX 77208

INPO
Records Center
1100 Circle 75 Parkway
Atlanta, GA 30339-3064

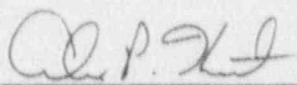

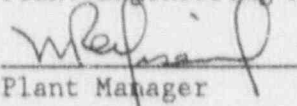
Dr. Joseph M. Hendrie
50 Bellport Lane
Bellport, NY 11713

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

Revised 01/29/91

L4/NRC/

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
FEBRUARY 1991
HOUSTON LIGHTING AND POWER CO.
NRG DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By:	<u></u>	<u>3-7-91</u>
	Supervisor	Date
Reviewed By:	<u></u>	<u>3/8/91</u>
	Plant Engineering Manager	Date
Approved By:	<u></u>	<u>3/11/91</u>
	Plant Manager	Date

Monthly Summary

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

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Mar. 7, 1991
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 02/01-02/28 GROSS HOURS IN REPORTING PERIOD: 672
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>0</u>	<u>0</u>	<u>13781.1</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>0</u>	<u>0</u>	<u>13141.5</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>0</u>	<u>0</u>	<u>47678208</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH).....	<u>0</u>	<u>0</u>	<u>16097490</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH).....	<u>-6048</u>	<u>-17016</u>	<u>15107467</u>
12. REACTOR SERVICE FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>62.5%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>62.5%</u>
14. UNIT SERVICE FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>59.6%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>0.0%</u>	<u>59.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>-0.7%</u>	<u>-1.0%</u>	<u>54.8%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe).....	<u>-0.7%</u>	<u>-1.0%</u>	<u>54.8%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0%</u>	<u>100.0%</u>	<u>17.3%</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: <u>03/24/91</u>			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE Mar. 7, 1991
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

MONTH FEBRUARY

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	N/A
30	N/A
31	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Mar. 12, 1991
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH FEBRUARY

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component ⁵ Code	Cause & Corrective Action to Prevent Recurrence
91-01	910115	S	672.0	C	4	N/A	N/A	N/A	Refueling and scheduled maintenance outage.

¹F: Forced
 S: Scheduled

²Reason:
 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)

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

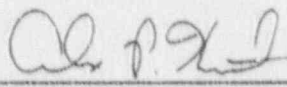
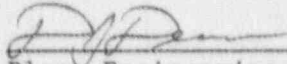
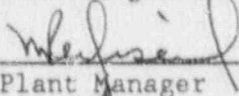
⁴IEEE 805-1983

⁵IEEE 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 1991
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By:	<u></u>	<u>3-7-91</u>
	Supervisor	Date
Reviewed By:	<u></u>	<u>3/8/91</u>
	Plant Engineering Manager	Date
Approved By:	<u></u>	<u>3/11/91</u>
	Plant Manager	Date

Monthly Summary

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

On 2/23/91 reactor power was reduced to allow maintenance on a deaerator manway leak. Repairs were completed and reactor power was returned to 100% on 2/25/91.

The unit concluded the reporting period operating at 100% reactor power.

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE Mar. 7, 1991
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 02/01-02/28 GROSS HOURS IN REPORTING PERIOD: 672
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>672.0</u>	<u>1383.2</u>	<u>10364.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>672.0</u>	<u>1374.3</u>	<u>9720.0</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWt).....	<u>2427337</u>	<u>5034592</u>	<u>34739860</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	<u>825580</u>	<u>1713720</u>	<u>11736190</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>789786</u>	<u>1639901</u>	<u>11088669</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0%</u>	<u>97.7%</u>	<u>69.6%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>97.7%</u>	<u>69.6%</u>
14. UNIT SERVICE FACTOR.....	<u>100.0%</u>	<u>97.1%</u>	<u>65.3%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0%</u>	<u>97.1%</u>	<u>65.3%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>94.0%</u>	<u>92.6%</u>	<u>59.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>94.0%</u>	<u>92.6%</u>	<u>59.6%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0%</u>	<u>2.9%</u>	<u>18.8%</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>			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499
UNIT 2
DATE Mar. 7, 1991
COMPLETED BY A. P. Kent
TELEPHONE 512/972-7786

MONTH FEBRUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1237</u>
2	<u>1253</u>
3	<u>1254</u>
4	<u>1252</u>
5	<u>1252</u>
6	<u>1252</u>
7	<u>1251</u>
8	<u>1250</u>
9	<u>1251</u>
10	<u>1251</u>
11	<u>1251</u>
12	<u>1251</u>
13	<u>1250</u>
14	<u>1252</u>
15	<u>1251</u>
16	<u>1250</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1254</u>
18	<u>1251</u>
19	<u>1252</u>
20	<u>1252</u>
21	<u>1252</u>
22	<u>1125</u>
23	<u>320</u>
24	<u>352</u>
25	<u>1120</u>
26	<u>1243</u>
27	<u>1244</u>
28	<u>1237</u>
29	<u>N/A</u>
30	<u>N/A</u>
31	<u>N/A</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Mar. 7, 1991
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH FEBRUARY

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component ⁵ Code	Cause & Corrective Action to Prevent Recurrence
91-03	910223	F	0.0	B	5	N/A	SB	TK	Reactor power was reduced to 30% to allow maintenance on a deaerator manway leak.

¹F: Forced
 S: Scheduled

²Reason:
 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)

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

⁴IEEE 805-1983

⁵IEEE 803A-1983

ATTACHMENT 2
 ST-HL-AE-3724
 PAGE 5 OF 6

PORVs and Safety Valves Summary

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