

The Light company

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

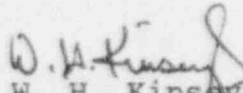
April 15, 1993
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File No.: G02
10CFR50.71

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 March, 1993

Pursuant to 10CFR50.71(a) and South Texas Project (STP) Technical Specification 6.9.1.5, attached are the Monthly Operating Reports for March, 1993.

If you should have any questions on this matter, please contact Mr. J. M. Pinzon at (512) 972-8027.


W. H. Kinsey, Jr.
Vice President,
Nuclear Generation

MKJ/sr

- Attachments: 1) STP Unit 1 Monthly Operating Report -
March, 1993
- 2) STP Unit 2 Monthly Operating Report -
March, 1993

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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

ST-HL-AE-4409
File No.: G02
Page 2

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U.S. Nuclear Regulatory Comm.
Attn: Document Control Desk
Washington, D.C. 20555

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
MARCH 1993
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By: *[Signature]*

Supervisor

4/5/93
Date

Reviewed By: *[Signature]*

Plant Engineering Manager

4/13/93
Date

Approved By: *[Signature]*

Plant Manager

4/15/93
Date

Monthly Summary

STPEGS Unit 1 remained shutdown during the reporting period to allow maintenance items to be performed on the unit.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Apr. 2, 1993
COMPLETED BY A.P. KENT
TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 03/01-03/31 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>0</u>	<u>720.1</u>	<u>26872.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>0</u>	<u>677.1</u>	<u>25923.8</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>2075013</u>	<u>94665508</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>0</u>	<u>703090</u>	<u>32014660</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>0</u>	<u>666033</u>	<u>30259544</u>
12. REACTOR SERVICE FACTOR.....	<u>0.0%</u>	<u>33.3%</u>	<u>66.6%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>33.3%</u>	<u>66.6%</u>
14. UNIT SERVICE FACTOR.....	<u>0.0%</u>	<u>31.3%</u>	<u>64.3%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>31.3%</u>	<u>64.3%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>0.0%</u>	<u>24.7%</u>	<u>60.0%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>0.0%</u>	<u>24.7%</u>	<u>60.0%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>100.0%</u>	<u>68.7%</u>	<u>18.1%</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: 5/4/93			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE Apr. 2, 1993
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

MONTH MARCH

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

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

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498UNIT 1DATE Apr. 2, 1993COMPLETED BY A.P. KentTELEPHONE 512/972-7786REPORT MONTH MARCH

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
93-05	930204	F	744.0	A	4	1-93-007	BA	P	The unit remained shutdown to allow leak repairs on the steam generator primary manways and testing on the reactor coolant pump seal injection motor operated valves.

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
MARCH 1993
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By:	<u>[Signature]</u>	<u>4/5/93</u>
	Supervisor	Date
Reviewed By:	<u>[Signature]</u>	<u>4/13/93</u>
	Plant Engineering Manager	Date
Approved By:	<u>[Signature]</u>	<u>4/15/93</u>
	Plant Manager	Date

Monthly Summary

STPEGS Unit 2 remained shutdown following an automatic reactor trip occurring on February 3, 1993. With the completion of corrective maintenance and testing, March 2, 1993 marked the beginning of the planned refueling outage.

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE Apr. 2, 1993
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 03/01-03/31 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>0.0</u>	<u>739.5</u>	<u>24756.2</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE.....	<u>0.0</u>	<u>702.5</u>	<u>23733.8</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>2231021</u>	<u>86433521</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>0</u>	<u>729470</u>	<u>29204590</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>0</u>	<u>690299</u>	<u>27735279</u>
12. REACTOR SERVICE FACTOR.....	<u>0.0%</u>	<u>34.2%</u>	<u>74.6%</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>34.2%</u>	<u>74.6%</u>
14. UNIT SERVICE FACTOR.....	<u>0.0%</u>	<u>32.5%</u>	<u>71.6%</u>
15. UNIT AVAILABILITY FACTOR.....	<u>0.0%</u>	<u>32.5%</u>	<u>71.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>0.0%</u>	<u>25.6%</u>	<u>66.9%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>0.0%</u>	<u>25.6%</u>	<u>66.9%</u>
18. UNIT FORCED OUTAGE RATE.....	<u>100.0%</u>	<u>51.3%</u>	<u>13.9%</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>5/23/93</u>			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499
UNIT 2
DATE Apr. 2, 1993
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

MONTH MARCH

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

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

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Apr. 2, 1993
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH MARCH

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
93-05	930203	F	25.5	A	3	2-93-004	SJ	P	<p>The unit experienced an automatic reactor trip due to low steam generator water level. The low water level was caused by the loss of steam driven feedwater pump 21 in conjunction with a failure of the startup feedwater pump due to low oil pressure.</p> <p>Corrective actions include troubleshooting and repairing the startup feedwater pump and steam driven feedwater pump. Modifications to improve the reliability of the steam driven feedwater pumps and startup feedwater pumps will be implemented. Additional corrective actions are described in the LER.</p>

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Apr. 2, 1993
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH MARCH

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
93-06	930302	S	718.5	C	9	N/A	N/A	N/A	The unit remained shutdown. With the completion of corrective maintenance and testing, March 2, marked the beginning of the planned refueling outage.

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:
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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.