

The Light company

Houston Lighting & Power

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

May 12, 1993

ST-HL-AE-4440

File No.: G02

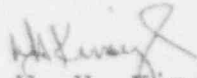
10CFR50.71

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 April, 1993

Pursuant to 10CFR50.71(a) and South Texas Project (STP) Technical Specification 6.9.1.5, attached are the Monthly Operating Reports for April, 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 -
April, 1993
- 2) STP Unit 2 Monthly Operating Report -
April, 1993

RREP\93098002.1&2

Project Manager on Behalf of the Participants in the South Texas Project

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PDR ADOCK 05000498
R PDR

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Houston Lighting & Power Company
South Texas Project Electric Generating Station

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File No.: G02
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C:

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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
APRIL 1993
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By:

[Signature]
Supervisor

5/4/93
Date

Reviewed By:

[Signature]
Plant Engineering Manager

5/5/93
Date

Approved By:

[Signature]
Plant Manager

5/10/93
Date

Monthly Summary

ATTACHMENT 1
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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 May 3, 1993
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 04/01-04/30 GROSS HOURS IN REPORTING PERIOD: 719
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..... | 0 | 720.1 | 26872.6 |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 7. HOURS GENERATOR ON LINE..... | 0 | 677.1 | 25923.8 |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (MWt)..... | 0 | 2075013 | 94665508 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH).. | 0 | 703090 | 32014660 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH).... | 0 | 666033 | 30259544 |
| 12. REACTOR SERVICE FACTOR..... | 0.0% | 25.0% | 65.5% |
| 13. REACTOR AVAILABILITY FACTOR..... | 0.0% | 25.0% | 65.5% |
| 14. UNIT SERVICE FACTOR..... | 0.0% | 23.5% | 63.2% |
| 15. UNIT AVAILABILITY FACTOR..... | 0.0% | 23.5% | 63.2% |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | 0.0% | 18.5% | 59.0% |
| 17. UNIT CAPACITY FACTOR (Using Design MWe).. | 0.0% | 18.5% | 59.0% |
| 18. UNIT FORCED OUTAGE RATE..... | 100.0% | 76.5% | 19.9% |
| 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: 5/20/93 | | | |

AVERAGE DAILY UNIT POWER LEVEL

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DOCKET NO. 50-498
UNIT 1
DATE May 3, 1993
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

MONTH APRIL

| 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 | 0 |
| 30 | 0 |
| 31 | N/A |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE May 3, 1993
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH APRIL

| 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 | 719.0 | A | 4 | 1-93-007 | BA | P | The unit remained shutdown to complete maintenance activities. |

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

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PORVs and Safety Valves Summary

ATTACHMENT 1
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There were no PORV or Safety Valves challenged during the reporting period.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
APRIL 1993
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By: [Signature]

Supervisor

5/4/93
Date

Reviewed By: [Signature]

Plant Engineering Manager

3/5/93
Date

Approved By: [Signature]

Plant Manager

5/10/92
Date

Monthly Summary

STPEGS Unit 2 remained shutdown during the reporting period for refueling and scheduled maintenance.

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE May 3, 1993
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

OPERATING STATUS

1. REPORTING PERIOD: 04/01-04/30 GROSS HOURS IN REPORTING PERIOD: 719
 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..... | 0 | 739.5 | 24756.2 |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 7. HOURS GENERATOR ON LINE..... | 0 | 702.5 | 23733.8 |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | 0 | 0 | 0 |
| 9. GROSS THERMAL ENERGY GENERATED (Mwt)..... | 0 | 2231021 | 86433521 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH).. | 0 | 729470 | 29204590 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH).... | 0 | 690299 | 27735279 |
| 12. REACTOR SERVICE FACTOR..... | 0.0% | 25.7% | 73.1% |
| 13. REACTOR AVAILABILITY FACTOR..... | 0.0% | 25.7% | 73.1% |
| 14. UNIT SERVICE FACTOR..... | 0.0% | 24.4% | 70.0% |
| 15. UNIT AVAILABILITY FACTOR..... | 0.0% | 24.4% | 70.0% |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | 0.0% | 19.2% | 65.4% |
| 17. UNIT CAPACITY FACTOR (Using Design MWe).. | 0.0% | 19.2% | 65.4% |
| 18. UNIT FORCED OUTAGE RATE..... | 0.0% | 51.3% | 13.9% |
| 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: 7/10/93 | | | |

AVERAGE DAILY UNIT POWER LEVEL

ATTACHMENT 2
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DOCKET NO. 50-499
UNIT 2
DATE May 3, 1993
COMPLETED BY A.P. Kent
TELEPHONE 512/972-7786

MONTH APRIL

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 | 0 |
| 30 | 0 |
| 31 | N/A |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE May 3, 1993
 COMPLETED BY A.P. Kent
 TELEPHONE 512/972-7786

REPORT MONTH APRIL

| 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 | 719.0 | C | 4 | N/A | N/A | N/A | Refueling and scheduled maintenance 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:
 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
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PORVs and Safety Valves Summary

ATTACHMENT 2
ST-HL-AE-4440
PAGE 6 OF 6

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