
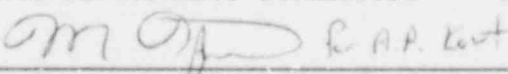


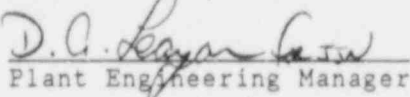
SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
HOUSTON LIGHTING AND POWER CO.

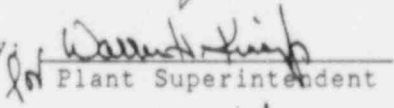
NRC DOCKET NO. 50-498


LICENSE NO. NPF-76

Prepared by:  5-6-88
Lead Performance Technician Date

Reviewed by:  R. A. P. East 05/06/88
Performance Technician Supervisor Date

Reviewed By:  D. G. Bryan East 5-10-88
Plant Engineering Manager Date

Reviewed By:  ~~Warrant King~~ 5-10-88
Plant Superintendent Date

Approved By:  ~~Warrant King~~ 5-10-88
Plant Manager Date

OPERATING DATA REPORT

DOCKET NO. 50-498
 UNIT 1
 DATE 05/03/88
 COMPLETED BY J.J. Nesrsta
 TELEPHONE 512-972-7827

OPERATING STATUS

1. REPORTING PERIOD: 03/30-03/31 GROSS HOURS IN REPORTING PERIOD: 39.1
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3817
 MAX.DEPEND.CAPACITY (MWe-Net): Not Determined
 DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY)(MWe-Net): N/A
4. REASONS FOR RESTRICTION (IF ANY): N/A

| | THIS MONTH | YR TO DATE | CUMULATIVE |
|--|---------------|-----------------|-------------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL..... | <u>12.3</u> | <u>12.3</u> | <u>12.3</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE..... | <u>0.6</u> | <u>0.6</u> | <u>0.6</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)..... | <u>3439.0</u> | <u>3439.0</u> | <u>3439.0</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED..... | <u>42.8</u> | <u>42.8</u> | <u>42.8</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)..... | <u>-1371</u> | <u>-1371</u> | <u>-1371</u> |
| 12. REACTOR SERVICE FACTOR..... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 13. REACTOR AVAILABILITY FACTOR..... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 14. UNIT SERVICE FACTOR..... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 15. UNIT AVAILABILITY FACTOR..... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe).... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 18. UNIT FORCED OUTAGE RATE..... | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): Scheduled 16 day outage to begin 05/01/88 for Essential Cooling Water System rework and Bottom Mounted Instrumentation inspection. | | | |
| 20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>N/A</u> | | | |
| 21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED | | | |
| INITIAL CRITICALITY | | <u>03/08/88</u> | <u>03/08/88</u> |
| INITIAL ELECTRICITY | | <u>03/30/88</u> | <u>03/30/88</u> |
| COMMERCIAL OPERATION | | <u>07/01/88</u> | <u> </u> |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE 05/03/88
COMPLETED BY J.J. Nesrsta
TELEPHONE 512-972-7827

MONTH March

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | 0 | 17 | 0 |
| 2 | 0 | 18 | 0 |
| 3 | 0 | 19 | 0 |
| 4 | 0 | 20 | 0 |
| 5 | 0 | 21 | 0 |
| 6 | 0 | 22 | 0 |
| 7 | 0 | 23 | 0 |
| 8 | 0 | 24 | 0 |
| 9 | 0 | 25 | 0 |
| 10 | 0 | 26 | 0 |
| 11 | 0 | 27 | 0 |
| 12 | 0 | 28 | 0 |
| 13 | 0 | 29 | 0 |
| 14 | 0 | 30 | 0 |
| 15 | 0 | 31 | 0 |
| 16 | 0 | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT NAME 1
 DATE 05/02/88
 COMPLETED BY J.J. Nesrsta
 TELEPHONE 512-972-7827

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 |
|-------|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|--|
| 88-01 | 880330 | F | 38.5 | B | 3 | 88-026 | EL | RLY-86 | Reactor Trip due to series of Main Generator Lockout and Main Transformer Lockout Relays tripping when a test signal was incorrectly inserted into the generator control circuits. |

¹F: Forced
 S: Scheduled

²Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 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

No PORVs or Safety Valves were challenged during this reporting period.