



South Texas Project Nuclear Operating Company P.O. Box 289 Wadsworth, Texas 77483

May 15, 2001
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File No. G02
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10CFR50.71

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

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for April, 2001

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 April 2001.

If you should have any questions on this matter, please contact R. L. Hill at (361) 972-7667.

Sincerely,

A handwritten signature in black ink, appearing to read "F. H. Mallen".

F. H. Mallen
Manager, Planning & Controls

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – April 2001
2) STPEGS Unit 2 Monthly Operating Report – April 2001

IE24

cc:

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Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
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P. O. Box 1771
San Antonio, TX 78296

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City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

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San Antonio, Texas 78205-3692

Institute of Nuclear Power
Operations - Records Center
700 Galleria Parkway
Atlanta, GA 30339-5957

Richard A. Ratliff
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Texas Department of Health
1100 West 49th Street
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Reliant Energy, Inc.
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C. A. Johnson/R. P. Powers
AEP - Central Power and Light Company
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1

MONTHLY OPERATING REPORT

APRIL 2001

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-498

LICENSE NO. NPF-76

Approved By:

G.L. Parkey by K. L. Coate
G.L. PARKEY

5-15-01
Date

MONTHLY SUMMARY

South Texas Project Unit 1 operated during the reporting period at full power with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE May 10, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 4/1/01-4/30/01 GROSS HOURS IN REPORTING PERIOD: 719
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3800
MAXIMUM DEPENDABLE 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 CRITICAL | <u>719.0</u> | <u>2,879.0</u> | <u>84,558.5</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>719.0</u> | <u>2,879.0</u> | <u>82,958.3</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>2,744,026</u> | <u>10,986,731</u> | <u>309,041,796</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>950,203</u> | <u>3,808,666</u> | <u>105,571,427</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>911,409</u> | <u>3,654,508</u> | <u>100,664,466</u> |
| 12. REACTOR SERVICE FACTOR | <u>100.0%</u> | <u>100.0%</u> | <u>76.1%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>100.0%</u> | <u>100.0%</u> | <u>76.1%</u> |
| 14. UNIT SERVICE FACTOR | <u>100.0%</u> | <u>100.0%</u> | <u>74.6%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>100.0%</u> | <u>100.0%</u> | <u>74.6%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>101.4%</u> | <u>101.5%</u> | <u>72.4%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>101.4%</u> | <u>101.5%</u> | <u>72.4%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>0.0%</u> | <u>0.0%</u> | <u>15.1%</u> |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): | Scheduled 25 day refueling outage to begin on October 3, 2001. | | |
| 20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A | | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE May 10, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH APRIL

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

| | |
|----|-------------|
| 1 | <u>1255</u> |
| 2 | <u>1262</u> |
| 3 | <u>1269</u> |
| 4 | <u>1270</u> |
| 5 | <u>1269</u> |
| 6 | <u>1270</u> |
| 7 | <u>1270</u> |
| 8 | <u>1269</u> |
| 9 | <u>1268</u> |
| 10 | <u>1269</u> |
| 11 | <u>1268</u> |
| 12 | <u>1270</u> |
| 13 | <u>1267</u> |
| 14 | <u>1267</u> |
| 15 | <u>1267</u> |
| 16 | <u>1266</u> |

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

| | |
|----|-------------|
| 17 | <u>1266</u> |
| 18 | <u>1269</u> |
| 19 | <u>1269</u> |
| 20 | <u>1269</u> |
| 21 | <u>1268</u> |
| 22 | <u>1268</u> |
| 23 | <u>1267</u> |
| 24 | <u>1268</u> |
| 25 | <u>1268</u> |
| 26 | <u>1268</u> |
| 27 | <u>1265</u> |
| 28 | <u>1269</u> |
| 29 | <u>1269</u> |
| 30 | <u>1268</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE May 10, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH APRIL

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

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 803-1983

PORVS AND SAFETY VALVE SUMMARY

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

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2

MONTHLY OPERATING REPORT

APRIL 2001

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By:

B. L. Parkey by Ken Hinton 5-15-01
G.L. PARKEY Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period shutdown for refueling. The unit was returned to service on April 2, at 2220 and full power was achieved on April 16, at 1720. The power ascension duration was extended due to extensive unanticipated testing required on new digital feedwater regulating valve controllers installed during the outage.

OPERATING DATA REPORT

DOCKETNO. 50-499
 UNIT 2
 DATE May 10, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 4/1/01-4/30/01 GROSS HOURS IN REPORTING PERIOD: 719
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800
 MAXIMUM DEPENDABLE 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 CRITICAL | <u>698.8</u> | <u>2,198.0</u> | <u>82,131.3</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>673.7</u> | <u>2,087.8</u> | <u>79,961.4</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>2,393,900</u> | <u>7,603,006</u> | <u>297,724,534</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>821,202</u> | <u>2,609,163</u> | <u>101,474,207</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>784,779</u> | <u>2,492,585</u> | <u>96,913,149</u> |
| 12. REACTOR SERVICE FACTOR | <u>97.2%</u> | <u>76.3%</u> | <u>79.0%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>97.2%</u> | <u>76.3%</u> | <u>79.0%</u> |
| 14. UNIT SERVICE FACTOR | <u>93.7%</u> | <u>72.5%</u> | <u>76.9%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>93.7%</u> | <u>72.5%</u> | <u>76.9%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>87.3%</u> | <u>69.2%</u> | <u>74.5%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>87.3%</u> | <u>69.2%</u> | <u>74.5%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>0.0%</u> | <u>5.8%</u> | <u>14.6%</u> |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): | <u>N/A</u> | | |
| 20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: | <u>N/A</u> | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
UNIT 2
DATE May 10, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH APRIL

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

| | |
|----|-------------|
| 1 | <u>0</u> |
| 2 | <u>0</u> |
| 3 | <u>247</u> |
| 4 | <u>454</u> |
| 5 | <u>817</u> |
| 6 | <u>1081</u> |
| 7 | <u>1226</u> |
| 8 | <u>1240</u> |
| 9 | <u>1240</u> |
| 10 | <u>1241</u> |
| 11 | <u>1213</u> |
| 12 | <u>1258</u> |
| 13 | <u>1258</u> |
| 14 | <u>1260</u> |
| 15 | <u>1260</u> |
| 16 | <u>1261</u> |

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

| | |
|----|-------------|
| 17 | <u>1259</u> |
| 18 | <u>1260</u> |
| 19 | <u>1265</u> |
| 20 | <u>1266</u> |
| 21 | <u>1266</u> |
| 22 | <u>1265</u> |
| 23 | <u>1242</u> |
| 24 | <u>1266</u> |
| 25 | <u>1264</u> |
| 26 | <u>1249</u> |
| 27 | <u>1262</u> |
| 28 | <u>1249</u> |
| 29 | <u>1264</u> |
| 30 | <u>1264</u> |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE May 10, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH APRIL

| No. | Date | 1 Type | Duration (Hours) | 2 Reason | 3 Method of Shutting Down Reactor | Licensee Event Report # | 4 System Code | 5 Component Code | Cause & Corrective Action to Prevent Recurrence |
|-------|--------|-----------|---------------------|-------------|---|-------------------------------|---------------------|------------------------|---|
| 01-05 | 010307 | S | 45.3 | C | 1 | 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 803-1983

PORVS AND SAFETY VALVE SUMMARY

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