



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

November 15, 2001
NOC-AE-01001217
File No. G02
STI31377069
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 October, 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 October 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 – October 2001
2) STPEGS Unit 2 Monthly Operating Report – October 2001

JE24

cc:

Ellis W. Merschoff
Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
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City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

Jon C. Wood
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112 East Pecan, Suite 1100
San Antonio, Texas 78205-3692

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

Richard A. Ratliff
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78756-3189

R. L. Balcom/D. G. Tees
Reliant Energy, Inc.
P. O. Box 1700
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C. A. Johnson/R. P. Powers
AEP - Central Power and Light Company
P. O. Box 289, Mail Code: N5022
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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
OCTOBER 2001
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:


E.D. HALPIN


Date

MONTHLY SUMMARY

South Texas Project Unit 1 began the reporting period operating at 89 percent reactor power in coastdown operation prior to the tenth refueling outage. On October 3, at 0001 the unit was removed from service for a scheduled refueling outage. The unit was returned to service on October 24, at 1534 and achieved full power on October 27, at 2348.

OPERATING DATA REPORT

DOCKET NO. 50-498
 UNIT 1
 DATE Nov. 14, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 10/1/01-10/31/01 GROSS HOURS IN REPORTING PERIOD: 745
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>255.4</u> | <u>6,806.4</u> | <u>88,485.9</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>225.4</u> | <u>6,776.4</u> | <u>86,855.8</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>738,360</u> | <u>25,655,187</u> | <u>323,710,252</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>247,364</u> | <u>8,858,339</u> | <u>110,621,100</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>233,488</u> | <u>8,479,608</u> | <u>105,489,566</u> |
| 12. REACTOR SERVICE FACTOR | <u>34.3%</u> | <u>93.3%</u> | <u>76.6%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>34.3%</u> | <u>93.3%</u> | <u>76.6%</u> |
| 14. UNIT SERVICE FACTOR | <u>30.3%</u> | <u>92.9%</u> | <u>75.1%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>30.3%</u> | <u>92.9%</u> | <u>75.1%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>25.1%</u> | <u>92.9%</u> | <u>73.0%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>25.1%</u> | <u>92.9%</u> | <u>73.0%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>0.0%</u> | <u>0.0%</u> | <u>14.5%</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

DOCKET NO. 50-498
UNIT 1
DATE Nov. 14, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH OCTOBER

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|---|-----|---|
| 1 | <u>1120</u> | 17 | <u>0</u> |
| 2 | <u>956</u> | 18 | <u>0</u> |
| 3 | <u>0</u> | 19 | <u>0</u> |
| 4 | <u>0</u> | 20 | <u>0</u> |
| 5 | <u>0</u> | 21 | <u>0</u> |
| 6 | <u>0</u> | 22 | <u>0</u> |
| 7 | <u>0</u> | 23 | <u>0</u> |
| 8 | <u>0</u> | 24 | <u>1</u> |
| 9 | <u>0</u> | 25 | <u>495</u> |
| 10 | <u>0</u> | 26 | <u>938</u> |
| 11 | <u>0</u> | 27 | <u>1161</u> |
| 12 | <u>0</u> | 28 | <u>1263</u> |
| 13 | <u>0</u> | 29 | <u>1262</u> |
| 14 | <u>0</u> | 30 | <u>1262</u> |
| 15 | <u>0</u> | 31 | <u>1218</u> |
| 16 | <u>0</u> | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Nov. 14, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH OCTOBER

| 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 |
|-------|--------|-----------|---------------------|-------------|---|-------------------------------|---------------------|------------------------|---|
| 01-01 | 010916 | S | 0.0 | H | 5 | N/A | N/A | N/A | Reactor power coastdown due to fuel burnup. |
| 01-02 | 011003 | S | 519.6 | 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.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2

MONTHLY OPERATING REPORT

OCTOBER 2001

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By:


E.D. HALPIN


Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period operating at full power. On October 4, at 0334, the unit was taken off line to repair an emergent steam leak on the feedwater isolation valve 2C. The unit was returned to service on October 10, at 0145 and achieved full power on October 11, at 0035.

OPERATING DATA REPORT

DOCKETNO. 50-499
 UNIT 2
 DATE Nov. 14, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 10/1/01-10/31/01 GROSS HOURS IN REPORTING PERIOD: 745
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>608.6</u> | <u>6,416.7</u> | <u>86,350.0</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>602.9</u> | <u>6,290.0</u> | <u>84,163.7</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>2,220,853</u> | <u>23,451,373</u> | <u>313,572,901</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | <u>764,431</u> | <u>8,055,403</u> | <u>106,920,447</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>729,681</u> | <u>7,694,758</u> | <u>102,115,322</u> |
| 12. REACTOR SERVICE FACTOR | <u>81.7%</u> | <u>87.9%</u> | <u>79.6%</u> |
| 13. REACTOR AVAILABILITY FACTOR | <u>81.7%</u> | <u>87.9%</u> | <u>79.6%</u> |
| 14. UNIT SERVICE FACTOR | <u>80.9%</u> | <u>86.2%</u> | <u>77.6%</u> |
| 15. UNIT AVAILABILITY FACTOR | <u>80.9%</u> | <u>86.2%</u> | <u>77.6%</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC) | <u>78.3%</u> | <u>84.3%</u> | <u>75.3%</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | <u>78.3%</u> | <u>84.3%</u> | <u>75.3%</u> |
| 18. UNIT FORCED OUTAGE RATE | <u>19.1%</u> | <u>5.2%</u> | <u>14.2%</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 Nov. 14, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH OCTOBER

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|---|-----|---|
| 1 | <u>1261</u> | 17 | <u>1264</u> |
| 2 | <u>1257</u> | 18 | <u>1264</u> |
| 3 | <u>1258</u> | 19 | <u>1265</u> |
| 4 | <u>39</u> | 20 | <u>1264</u> |
| 5 | <u>0</u> | 21 | <u>1257</u> |
| 6 | <u>0</u> | 22 | <u>1255</u> |
| 7 | <u>0</u> | 23 | <u>1259</u> |
| 8 | <u>0</u> | 24 | <u>1262</u> |
| 9 | <u>0</u> | 25 | <u>1263</u> |
| 10 | <u>605</u> | 26 | <u>1262</u> |
| 11 | <u>1253</u> | 27 | <u>1264</u> |
| 12 | <u>1260</u> | 28 | <u>1264</u> |
| 13 | <u>1138</u> | 29 | <u>1263</u> |
| 14 | <u>1038</u> | 30 | <u>1264</u> |
| 15 | <u>1048</u> | 31 | <u>1263</u> |
| 16 | <u>1262</u> | | |

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Nov. 14, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH OCTOBER

| 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 |
|-------|--------|-----------|---------------------|-------------|---|-------------------------------|---------------------|------------------------|---|
| 01-07 | 011004 | F | 142.1 | A | 1 | N/A | SJ | ISV | Unit removed from service to repair an emergent steam leak on feedwater isolation valve 2C. |

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.

NRC CORRESPONDENCE SIGNOFF SHEET

OPGP05-ZN-0006-01

(Page 1 of 1)

SAMPLE

Correspondence Title: Monthly Operating Report For October 2001

NOC-AE: 01001217

Review Due Date: 11/15/01


Condition Report No.: N/A

The persons whose initials appear below have personally reviewed the enclosed materials with regards to their area of responsibility and have verified that it is accurate to the best of their knowledge and belief. Initialing below constitutes acceptance of attached assigned commitments.

VP Business Services _____ Date _____ Dept. Mgr. _____ Date _____

VP Engineering & Technical Services _____ Date _____ Dept. Mgr. _____ Date _____

VP Generation _____ Date _____ Div. Mgr. _____ Date _____

Plant General Manager  _____ Date 11/14/01 Reviewer _____ Date _____

Dept. Manager _____ Date _____ Reviewer _____ Date _____

Dept. Manager _____ Date _____ Reviewer _____ Date _____

Dept. Manager sup _____ Date 11/14/01 Reviewer YMK5 Date 11/14/01

Director, Quality & Licensing _____ Date _____ Preparer _____ Date _____

Supervisor, Licensing _____ Date _____ Preparer RH Date 11/14/01

Technical Contact: Roy Hill Ext: 7667

Licensing Contact: Marilyn Johnson Ext: 8385

CALL LICENSING CONTACT WHEN READY FOR PICK-UP