



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

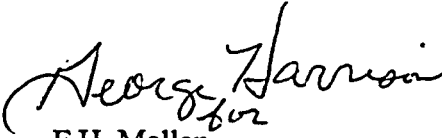
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for July 2004

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 July 2004.

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


F.H. Mallen
General Manager,
Financial Support

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – July 2004
2) STPEGS Unit 2 Monthly Operating Report – July 2004

JE24

cc:

(paper copy)

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U. S. Nuclear Regulatory Commission
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
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SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
JULY 2004
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:

G.L. Parkey
G.L. PARKEY

8/11/04
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 Aug. 3, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361-972-7667

OPERATING STATUS

1. REPORTING PERIOD: 7/1/04 - 7/31/04 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3,853
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1,250.6
DESIGN ELECTRICAL RATING (MWe-Net): 1,250.6
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>744.0</u> | <u>5,055.9</u> | <u>109,071.4</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>744.0</u> | <u>5,039.8</u> | <u>107,367.3</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>2,879,456</u> | <u>19,463,221</u> | <u>402,430,678</u> |
| 10. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>945,803</u> | <u>6,440,103</u> | <u>131,514,940</u> |
| 11. REACTOR SERVICE FACTOR (%) | <u>100.0</u> | <u>98.9</u> | <u>78.1</u> |
| 12. REACTOR AVAILABILITY FACTOR (%) | <u>100.0</u> | <u>98.9</u> | <u>78.1</u> |
| 13. UNIT SERVICE FACTOR (%) | <u>100.0</u> | <u>98.6</u> | <u>76.9</u> |
| 14. UNIT AVAILABILITY FACTOR (%) | <u>100.0</u> | <u>98.6</u> | <u>76.9</u> |
| 15. UNIT CAPACITY FACTOR - Using MDC (%) | <u>101.7</u> | <u>100.8</u> | <u>75.3</u> |
| 16. UNIT CAPACITY FACTOR - Using DER (%) | <u>101.7</u> | <u>100.8</u> | <u>75.3</u> |
| 17. UNIT FORCED OUTAGE RATE (%) | <u>0.0</u> | <u>1.4</u> | <u>14.2</u> |

18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): N/A

19. 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 Aug. 3, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361-972-7667

MONTH JULY

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

1 1277
2 1276
3 1275
4 1274
5 1274
6 1273
7 1273
8 1272
9 1273
10 1274
11 1274
12 1273
13 1271
14 1270
15 1269
16 1268

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

17 1268
18 1270
19 1271
20 1270
21 1270
22 1270
23 1270
24 1270
25 1268
26 1268
27 1270
28 1269
29 1270
30 1270
31 1269

DOCKET NO. 50-498
UNIT 1
DATE Aug. 3, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361-972-7667

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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
JULY 2004
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:

G.L. Parkey
G.L. PARKEY

8/11/04
Date

MONTHLY SUMMARY

South Texas Project Unit 2 operated during the reporting period at full power with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKETNO. 50-499
UNIT 2
DATE Aug. 3, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361-972-7667

OPERATING STATUS

1. REPORTING PERIOD: 7/1/04 - 7/31/04 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3.853
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1,250.6
DESIGN ELECTRICAL RATING (MWe-Net): 1,250.6
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>744.0</u> | <u>4,465.9</u> | <u>106,170.4</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 7. HOURS GENERATOR ON LINE | <u>744.0</u> | <u>4,448.5</u> | <u>103,854.0</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>0</u> | <u>0</u> | <u>0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | <u>2,879,456</u> | <u>17,095,240</u> | <u>388,783,345</u> |
| 10. NET ELECTRICAL ENERGY GENERATED (MWH) | <u>942,232</u> | <u>5,619,580</u> | <u>126,717,757</u> |
| 11. REACTOR SERVICE FACTOR (%) | <u>100.0</u> | <u>87.4</u> | <u>80.1</u> |
| 12. REACTOR AVAILABILITY FACTOR (%) | <u>100.0</u> | <u>87.4</u> | <u>80.1</u> |
| 13. UNIT SERVICE FACTOR (%) | <u>100.0</u> | <u>87.0</u> | <u>78.4</u> |
| 14. UNIT AVAILABILITY FACTOR (%) | <u>100.0</u> | <u>87.0</u> | <u>78.4</u> |
| 15. UNIT CAPACITY FACTOR - Using MDC (%) | <u>101.3</u> | <u>87.9</u> | <u>76.5</u> |
| 16. UNIT CAPACITY FACTOR - Using DER (%) | <u>101.3</u> | <u>87.9</u> | <u>76.5</u> |
| 17. UNIT FORCED OUTAGE RATE (%) | <u>0.0</u> | <u>0.9</u> | <u>13.4</u> |

18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): N/A

19. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
UNIT 2
DATE Aug. 3, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361-972-7667

MONTH JULY

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1272
2 1272
3 1270
4 1270
5 1269
6 1269
7 1268
8 1267
9 1269
10 1270
11 1270
12 1269
13 1265
14 1263
15 1263
16 1263

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1264
18 1266
19 1266
20 1266
21 1267
22 1266
23 1265
24 1264
25 1263
26 1263
27 1265
28 1265
29 1265
30 1265
31 1263

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Aug. 3, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361-972-7667

REPORT MONTH JULY

| 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.