



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

May 13, 2004
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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 April 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 April 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 – April 2004
2) STPEGS Unit 2 Monthly Operating Report – April 2004

IE24

cc:

(paper copy)

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SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
APRIL 2004
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 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, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 4/1/04 - 4/30/04 GROSS HOURS IN REPORTING PERIOD: 719
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>719.0</u>	<u>2,847.9</u>	<u>106,863.4</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>2,831.8</u>	<u>105,159.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,782,391</u>	<u>10,918,202</u>	<u>393,885,659</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>918,966</u>	<u>3,623,120</u>	<u>128,697,957</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>98.1</u>	<u>77.7</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>98.1</u>	<u>77.7</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>97.5</u>	<u>76.5</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>97.5</u>	<u>76.5</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.2</u>	<u>99.8</u>	<u>74.9</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.2</u>	<u>99.8</u>	<u>74.9</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>2.5</u>	<u>14.4</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

DOCKET NO. 50-498
UNIT 1
DATE May 10, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH APRIL

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1266</u>	17	<u>1282</u>
2	<u>1274</u>	18	<u>1278</u>
3	<u>1280</u>	19	<u>1277</u>
4	<u>1280</u>	20	<u>1277</u>
5	<u>1278</u>	21	<u>1278</u>
6	<u>1278</u>	22	<u>1274</u>
7	<u>1281</u>	23	<u>1268</u>
8	<u>1281</u>	24	<u>1266</u>
9	<u>1282</u>	25	<u>1273</u>
10	<u>1276</u>	26	<u>1274</u>
11	<u>1281</u>	27	<u>1263</u>
12	<u>1283</u>	28	<u>1286</u>
13	<u>1285</u>	29	<u>1284</u>
14	<u>1287</u>	30	<u>1283</u>
15	<u>1286</u>		
16	<u>1283</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE May 10, 2004
 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

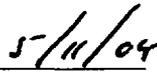
There were no PORV or Safety Valves challenged during the reporting period.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
APRIL 2004
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 shutdown for refueling and scheduled maintenance. Due to corrective maintenance work on equipment required to allow start-up, the refueling outage was extended beyond the scheduled full power achievement date of April 25. April 26, marked the beginning of unplanned outage time accrued to the unit. The unit was returned to service on April 27, at 1533 and achieved full power on May 1, at 0737.

OPERATING DATA REPORT

DOCKETNO. 50-499
 UNIT 2
 DATE May 10, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 4/1/04 - 4/30/04 GROSS HOURS IN REPORTING PERIOD: 719
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>97.5</u>	<u>2,257.9</u>	<u>103,962.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>80.5</u>	<u>2,240.5</u>	<u>101,646.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>202,119</u>	<u>8,550,035</u>	<u>380,238,141</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>61,357</u>	<u>2,811,518</u>	<u>123,909,695</u>
11. REACTOR SERVICE FACTOR (%)	<u>13.6</u>	<u>77.8</u>	<u>79.8</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>13.6</u>	<u>77.8</u>	<u>79.8</u>
13. UNIT SERVICE FACTOR (%)	<u>11.2</u>	<u>77.2</u>	<u>78.0</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>11.2</u>	<u>77.2</u>	<u>78.0</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>6.8</u>	<u>77.4</u>	<u>76.0</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>6.8</u>	<u>77.4</u>	<u>76.0</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>33.0</u>	<u>1.7</u>	<u>13.7</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 May 10, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH APRIL

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</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>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>19</u>
12	<u>0</u>	28	<u>486</u>
13	<u>0</u>	29	<u>950</u>
14	<u>0</u>	30	<u>1102</u>
15	<u>0</u>		
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE May 10, 2004
 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
04-01	040331	S	599.0	C	1	N/A	N/A	N/A	Scheduled refueling and maintenance outage.
04-02	040426	F	39.5	B	9	N/A	N/A	N/A	Corrective maintenance work on equipment required to allow start-up.

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

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IEEE 803-1983

PORVS AND SAFETY VALVE SUMMARY

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