



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

June 15, 2000
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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 May, 2000

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 May 2000.

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 – May 2000
2) STPEGS Unit 2 Monthly Operating Report – May 2000

IE24

cc:

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Regional Administrator, Region IV
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
MAY 2000
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:

G.L. Parkey by K.H. Coats
G.L. PARKEY

6-13-00
Date

MONTHLY SUMMARY

South Texas Project Unit-1 began the reporting shutdown for scheduled refueling and steam generator replacement. The unit was returned to service on May 15, at 0246. Power ascension testing was performed and the unit achieved full power on May 20, at 0914.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Jun. 12, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 5/1/00-5/31/00 GROSS HOURS IN REPORTING PERIOD: 744
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>478.3</u>	<u>1,918.6</u>	<u>76,614.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>414.5</u>	<u>1,854.5</u>	<u>75,028.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,385,937</u>	<u>6,774,512</u>	<u>278,810,973</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>469,511</u>	<u>2,331,718</u>	<u>95,116,770</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>444,941</u>	<u>2,228,952</u>	<u>90,647,015</u>
12. REACTOR SERVICE FACTOR	<u>64.3%</u>	<u>52.6%</u>	<u>74.3%</u>
13. REACTOR AVAILABILITY FACTOR	<u>64.3%</u>	<u>52.6%</u>	<u>74.3%</u>
14. UNIT SERVICE FACTOR	<u>55.7%</u>	<u>50.8%</u>	<u>72.7%</u>
15. UNIT AVAILABILITY FACTOR	<u>55.7%</u>	<u>50.8%</u>	<u>72.7%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>47.8%</u>	<u>48.9%</u>	<u>70.3%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>47.8%</u>	<u>48.9%</u>	<u>70.3%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>16.4%</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 Jun. 12, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH MAY

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>251</u>
16	<u>494</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>716</u>
18	<u>973</u>
19	<u>1100</u>
20	<u>1232</u>
21	<u>1258</u>
22	<u>1253</u>
23	<u>1239</u>
24	<u>1215</u>
25	<u>1257</u>
26	<u>1260</u>
27	<u>1260</u>
28	<u>1260</u>
29	<u>1259</u>
30	<u>1256</u>
31	<u>1256</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Jun. 12, 2000
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH MAY

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
00-02	000301	S	328.7	C	4	N/A	N/A	N/A	Scheduled outage to allow refueling and steam generator replacement.
00-03	000515	S	0.8	B	9	N/A	TA	TRB	Main Turbine Overspeed Trip Test.

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
MAY 2000
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:

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

6-13-00
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 Jun. 12, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 5/1/00-5/31/00 GROSS HOURS IN REPORTING PERIOD: 744
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>744.0</u>	<u>3,647.0</u>	<u>74,796.3</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>3,467.5</u>	<u>72,890.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,839,024</u>	<u>13,171,490</u>	<u>271,111,952</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>976,092</u>	<u>4,521,444</u>	<u>92,355,307</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>933,361</u>	<u>4,329,132</u>	<u>88,192,480</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>77.9%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>77.9%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>95.1%</u>	<u>75.9%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>95.1%</u>	<u>75.9%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>100.3%</u>	<u>94.9%</u>	<u>73.5%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>100.3%</u>	<u>94.9%</u>	<u>73.5%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>5.6%</u>	<u>15.7%</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 Jun. 12, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH MAY

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1259

2 1259

3 1256

4 1255

5 1253

6 1255

7 1250

8 1246

9 1244

10 1250

11 1253

12 1251

13 1253

14 1259

15 1260

16 1259

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1259

18 1259

19 1258

20 1259

21 1257

22 1257

23 1255

24 1256

25 1256

26 1255

27 1255

28 1254

29 1252

30 1249

31 1248

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKETNO. 50-499
 UNIT 2
 DATE Jun. 12, 2000
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH MAY

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.