



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

June 14, 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 May, 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 May 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 – May 2001
2) STPEGS Unit 2 Monthly Operating Report – May 2001

IE24

cc:

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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
MAY 2001
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:

AL Parkey
G.L. PARKEY

6/12/01
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 June 12, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 5/1/01-5/31/01 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>3,623.0</u>	<u>85,302.5</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>3,623.0</u>	<u>83,702.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,839,298</u>	<u>13,826,029</u>	<u>311,881,094</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>981,236</u>	<u>4,789,902</u>	<u>106,552,663</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>939,351</u>	<u>4,593,859</u>	<u>101,603,817</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>76.2%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>76.2%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>74.8%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>74.8%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>101.0%</u>	<u>101.4%</u>	<u>72.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>101.0%</u>	<u>101.4%</u>	<u>72.6%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>15.0%</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 June 12, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH MAY

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>1268</u>
2	<u>1267</u>
3	<u>1266</u>
4	<u>1264</u>
5	<u>1262</u>
6	<u>1266</u>
7	<u>1265</u>
8	<u>1265</u>
9	<u>1258</u>
10	<u>1258</u>
11	<u>1258</u>
12	<u>1263</u>
13	<u>1263</u>
14	<u>1263</u>
15	<u>1263</u>
16	<u>1263</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1263</u>
18	<u>1263</u>
19	<u>1262</u>
20	<u>1262</u>
21	<u>1263</u>
22	<u>1264</u>
23	<u>1264</u>
24	<u>1263</u>
25	<u>1261</u>
26	<u>1261</u>
27	<u>1260</u>
28	<u>1262</u>
29	<u>1261</u>
30	<u>1260</u>
31	<u>1259</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE June 12, 2001
 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.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
MAY 2001
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:


G.L. PARKEY

6/13/01
Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period operating at full power. On May 8, at 1528 an automatic reactor trip occurred due to low water level in steam generator 2A. The low water level was caused by feedwater regulating valve 2A unexpectedly closing during corrective maintenance activities. The unit was returned to service on May 11, at 1545 and increased to full power on May 12.

OPERATING DATA REPORT

DOCKETNO. 50-499
 UNIT 2
 DATE June 12, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 5/1/01-5/31/01 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>682.1</u>	<u>2,880.1</u>	<u>82,813.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>671.4</u>	<u>2,759.1</u>	<u>80,632.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,475,523</u>	<u>10,078,529</u>	<u>300,200,057</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>852,584</u>	<u>3,461,747</u>	<u>102,326,791</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>812,755</u>	<u>3,305,340</u>	<u>97,725,904</u>
12. REACTOR SERVICE FACTOR	<u>91.7%</u>	<u>79.5%</u>	<u>79.1%</u>
13. REACTOR AVAILABILITY FACTOR	<u>91.7%</u>	<u>79.5%</u>	<u>79.1%</u>
14. UNIT SERVICE FACTOR	<u>90.2%</u>	<u>76.2%</u>	<u>77.0%</u>
15. UNIT AVAILABILITY FACTOR	<u>90.2%</u>	<u>76.2%</u>	<u>77.0%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>87.4%</u>	<u>73.0%</u>	<u>74.6%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>87.4%</u>	<u>73.0%</u>	<u>74.6%</u>
18. UNIT FORCED OUTAGE RATE	<u>9.8%</u>	<u>6.8%</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 June 12, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH MAY

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1264

2 1265

3 1253

4 1263

5 1263

6 1262

7 1257

8 789

9 0

10 0

11 34

12 1032

13 1248

14 1254

15 1259

16 1260

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1261

18 1040

19 1099

20 1133

21 1130

22 1188

23 1256

24 1255

25 1257

26 1257

27 1255

28 1258

29 1258

30 1258

31 1259

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE June 12, 2001
 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
01-06	010508	F	72.6	H	3	2-01-004	JB	LCV	Automatic reactor trip due to low water level in steam generator 2A. The low water level was caused by feedwater regulating valve 2A unexpectedly closing during corrective maintenance activities.

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.