



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

April 11, 2001
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File No. G02
STI31270887
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 March 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 March 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', is written above the printed name.

F. H. Mallen
Manager, Planning & Controls

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – March 2001
2) STPEGS Unit 2 Monthly Operating Report – March 2001

IE 24

cc:

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

Approved By:


G.L. PARKEY

4-10-01
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 Apr. 5, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 3/1/01-3/31/01 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>2,160.0</u>	<u>83,839.5</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>2,160.0</u>	<u>82,239.3</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>8,242,705</u>	<u>306,297,770</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>984,143</u>	<u>2,858,463</u>	<u>104,621,224</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>944,365</u>	<u>2,743,099</u>	<u>99,753,057</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>75.9%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>75.9%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>74.5%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>74.5%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>101.5%</u>	<u>101.5%</u>	<u>72.2%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>101.5%</u>	<u>101.5%</u>	<u>72.2%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>15.2%</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

DOCKET NO. 50-498
UNIT 1
DATE Apr. 5, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1268</u>	17	<u>1271</u>
2	<u>1268</u>	18	<u>1271</u>
3	<u>1271</u>	19	<u>1270</u>
4	<u>1272</u>	20	<u>1271</u>
5	<u>1272</u>	21	<u>1272</u>
6	<u>1271</u>	22	<u>1271</u>
7	<u>1270</u>	23	<u>1271</u>
8	<u>1271</u>	24	<u>1271</u>
9	<u>1271</u>	25	<u>1271</u>
10	<u>1271</u>	26	<u>1270</u>
11	<u>1271</u>	27	<u>1270</u>
12	<u>1271</u>	28	<u>1271</u>
13	<u>1270</u>	29	<u>1269</u>
14	<u>1271</u>	30	<u>1256</u>
15	<u>1267</u>	31	<u>1253</u>
16	<u>1266</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Apr. 5, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH MARCH

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
MARCH 2001
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:

G.L. Parkey
G.L. PARKEY

4/11/01
Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period operating at 95 percent reactor power in coastdown operation prior to the eighth refueling outage.

On March 1, at 0822, a manual reactor trip was initiated when all three operating circulating water pumps tripped off line. The event occurred as switchyard circuit breaker Y590 was opened in preparation for removing the north switchyard bus from service for maintenance.

The unit was returned to service on March 2, at 1642. On March 7, at 0001 the unit was removed from service for scheduled refueling.

OPERATING DATA REPORT

DOCKETNO. 50-499
 UNIT 2
 DATE Apr. 5, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 3/1/01-3/31/01 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>116.8</u>	<u>1,499.1</u>	<u>81,432.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>111.7</u>	<u>1,414.1</u>	<u>79,287.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>294,062</u>	<u>5,209,106</u>	<u>295,330,634</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>97,873</u>	<u>1,787,961</u>	<u>100,653,005</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>90,205</u>	<u>1,707,806</u>	<u>96,128,370</u>
12. REACTOR SERVICE FACTOR	<u>15.7%</u>	<u>69.4%</u>	<u>78.8%</u>
13. REACTOR AVAILABILITY FACTOR	<u>15.7%</u>	<u>69.4%</u>	<u>78.8%</u>
14. UNIT SERVICE FACTOR	<u>15.0%</u>	<u>65.5%</u>	<u>76.8%</u>
15. UNIT AVAILABILITY FACTOR	<u>15.0%</u>	<u>65.5%</u>	<u>76.8%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>9.7%</u>	<u>63.2%</u>	<u>74.4%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>9.7%</u>	<u>63.2%</u>	<u>74.4%</u>
18. UNIT FORCED OUTAGE RATE	<u>12.3%</u>	<u>8.4%</u>	<u>14.7%</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>April 2, 2001</u>			

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
UNIT 2
DATE Apr. 5, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>385</u>	17	<u>0</u>
2	<u>62</u>	18	<u>0</u>
3	<u>559</u>	19	<u>0</u>
4	<u>1020</u>	20	<u>0</u>
5	<u>919</u>	21	<u>0</u>
6	<u>814</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>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Apr. 5, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH MARCH

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
01-03	010225	S	0.0	H	5	N/A	N/A	N/A	The unit began a reactor power coastdown due to fuel burnup.
01-04	010301	F	32.3	A	2	2-01-002	EL	BKR	A manual reactor trip was initiated when all three operating circulating water pumps tripped off line. The event occurred as switchyard circuit breaker Y590 was opened in preparation for removing the north switchyard bus from service for maintenance. The circulating water pumps tripped due to the Y600 switchyard breaker C phase pole not being fully closed when breaker Y590 was opened. The linkage mechanism that operates the breaker Y600 C phase pole failed due to a linkage connection pin falling out of the linkage. The bushing between the linkage pin and the operating linkage had not been installed.

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)

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 IEEE 803-1983

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