



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

---

April 12, 2000  
NOC-AE-00000818  
File No. G02  
STI31083104  
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, 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 March 2000.

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

Sincerely,

A handwritten signature in cursive script that reads "F. H. Mallen".

F. H. Mallen  
Manager, Planning & Controls

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – March, 2000  
2) STPEGS Unit 2 Monthly Operating Report – March, 2000

IE24

Ellis W. Merschoff  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

John A. Nakoski  
Project Manager, Mail Code 0-4D3  
U. S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Cornelius F. O'Keefe  
Sr. Resident Inspector  
c/o U. S. Nuclear Regulatory Commission  
P. O. Box 910  
Bay City, TX 77404-0910

A. H. Gutterman, Esquire  
Morgan, Lewis & Bockius  
1800 M. Street, N.W.  
Washington, DC 20036-5869

W. C. Gunst/M. T. Hardt  
City Public Service  
P. O. Box 1771  
San Antonio, TX 78296

A. Ramirez/C. M. Canady  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

Jon C. Wood  
Matthews & Branscomb  
One Alamo Center  
106 S. St. Mary's Street, Suite 700  
San Antonio, TX 78205-3692

Institute of Nuclear Power  
Operations - Records Center  
700 Galleria Parkway  
Atlanta, GA 30339-5957

Richard A. Ratliff  
Bureau of Radiation Control  
Texas Department of Health  
1100 West 49th Street  
Austin, TX 78756-3189

D. G. Tees/R. L. Balcom  
Houston Lighting & Power Co.  
P. O. Box 1700  
Houston, TX 77251

Central Power and Light Company  
ATTN: G. E. Vaughn/C. A. Johnson  
P. O. Box 289, Mail Code: N5012  
Wadsworth, TX 77483

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 2000  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-498  
LICENSE NO. NPF-76

Approved By:

*G.L. Parkey*  
G.L. PARKEY

*4-11-00*  
Date

## **MONTHLY SUMMARY**

South Texas Project Unit-1 was removed from service on March 1, at 0001 for scheduled refueling and steam generator replacement.

## OPERATING DATA REPORT

DOCKET NO. 50-498  
 UNIT 1  
 DATE Apr. 5, 2000  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361 972-7667

### OPERATING STATUS

1. REPORTING PERIOD: 3/1/00-3/31/00 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>0.3</u>	<u>1,440.3</u>	<u>76,136.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>0.0</u>	<u>1,440.0</u>	<u>74,613.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>0</u>	<u>5,388,566</u>	<u>277,425,026</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>1</u>	<u>1,862,207</u>	<u>94,647,259</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>0</u>	<u>1,784,011</u>	<u>90,202,074</u>
12. REACTOR SERVICE FACTOR	<u>0.0%</u>	<u>65.9%</u>	<u>74.9%</u>
13. REACTOR AVAILABILITY FACTOR	<u>0.0%</u>	<u>65.9%</u>	<u>74.9%</u>
14. UNIT SERVICE FACTOR	<u>0.0%</u>	<u>65.9%</u>	<u>73.4%</u>
15. UNIT AVAILABILITY FACTOR	<u>0.0%</u>	<u>65.9%</u>	<u>73.4%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>0.0%</u>	<u>65.3%</u>	<u>70.9%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>0.0%</u>	<u>65.3%</u>	<u>70.9%</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 Apr. 5, 2000  
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>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>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. 50-498  
 UNIT 1  
 DATE Apr. 5, 2000  
 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
00-02	000301	S	744.0	C	1	N/A	N/A	N/A	Scheduled outage to allow refueling and steam generator replacement.

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

Approved By:   
G.L. PARKEY

4-11-00  
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 Apr. 5, 2000  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361 972-7667

### OPERATING STATUS

1. REPORTING PERIOD: 3/1/00-3/31/00 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>2,184.0</u>	<u>73,333.3</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>2,004.5</u>	<u>71,427.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,838,657</u>	<u>7,589,082</u>	<u>265,529,544</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>980,189</u>	<u>2,598,803</u>	<u>90,432,666</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>939,920</u>	<u>2,488,407</u>	<u>86,351,755</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>77.6%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>77.6%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>91.8%</u>	<u>75.6%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>91.8%</u>	<u>75.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>101.0%</u>	<u>91.1%</u>	<u>73.0%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>101.0%</u>	<u>91.1%</u>	<u>73.0%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>8.2%</u>	<u>15.9%</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 Apr. 5, 2000  
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>1259</u>	17	<u>1264</u>
2	<u>1264</u>	18	<u>1265</u>
3	<u>1264</u>	19	<u>1266</u>
4	<u>1264</u>	20	<u>1262</u>
5	<u>1265</u>	21	<u>1261</u>
6	<u>1265</u>	22	<u>1259</u>
7	<u>1265</u>	23	<u>1261</u>
8	<u>1259</u>	24	<u>1265</u>
9	<u>1264</u>	25	<u>1264</u>
10	<u>1264</u>	26	<u>1264</u>
11	<u>1261</u>	27	<u>1264</u>
12	<u>1265</u>	28	<u>1265</u>
13	<u>1265</u>	29	<u>1263</u>
14	<u>1266</u>	30	<u>1264</u>
15	<u>1260</u>	31	<u>1264</u>
16	<u>1265</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKETNO. 50-499  
 UNIT 2  
 DATE Apr. 5, 2000  
 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
<p>THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD</p>									

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.