



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

June 13, 2002  
NOC-AE-02001338  
File No.: G02  
10CFR50.71  
STI: 31455125

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 May 2002

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 2002.

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

A handwritten signature in black ink that reads "F.H. Mallen".

F.H. Mallen  
Manager, Planning & Controls

- Attachments: 1) STPEGS Unit 1 Monthly Operating Report – May 2002  
2) STPEGS Unit 2 Monthly Operating Report – May 2002

IE 24

cc:

(paper copy)

Ellis W. Merschoff  
Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
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U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
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R. L. Balcom  
Reliant Energy, Inc.

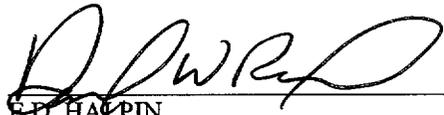
A. Ramirez  
City of Austin

C. A. Johnson  
AEP - Central Power and Light Company

Jon C. Wood  
Matthews & Branscomb

SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 1  
MONTHLY OPERATING REPORT  
MAY 2002  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-498  
LICENSE NO. NPF-76

Approved By:

  
E.D. HALPIN

6/12/02  
Date

## **MONTHLY SUMMARY**

South Texas Project Unit 1 began the reporting period operating at full power. A, dispatcher requested, power reduction was initiated on May 13, at 0550 due to transmission line faults. The transmission lines were restored and the unit returned to full power on May 14, at 0230.

## OPERATING DATA REPORT

DOCKET NO. 50-498  
 UNIT 1  
 DATE June 10, 2002  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361.972.7667

### OPERATING STATUS

1. REPORTING PERIOD: 05/1/02-05/31/02 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3853  
 MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1268  
 DESIGN ELECTRICAL RATING (MWe-Net): 1268
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>93,572.9</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>91,942.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,832,816</u>	<u>13,815,561</u>	<u>343,113,856</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>935,119</u>	<u>4,577,567</u>	<u>111,925,681</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>77.5</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>77.5</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>76.2</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>76.2</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>99.9</u>	<u>100.9</u>	<u>74.2</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>99.9</u>	<u>100.9</u>	<u>74.2</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.0</u>	<u>13.8</u>
18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): <u>N/A</u>			
19. 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 June 10, 2002  
COMPLETED BY R.L. Hill  
TELEPHONE 361.972.7667

MONTH MAY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1258</u>	17	<u>1278</u>
2	<u>1256</u>	18	<u>1280</u>
3	<u>1256</u>	19	<u>1281</u>
4	<u>1254</u>	20	<u>1283</u>
5	<u>1253</u>	21	<u>1280</u>
6	<u>1254</u>	22	<u>1280</u>
7	<u>1252</u>	23	<u>1281</u>
8	<u>1256</u>	24	<u>1281</u>
9	<u>1248</u>	25	<u>1280</u>
10	<u>1255</u>	26	<u>1280</u>
11	<u>1256</u>	27	<u>1279</u>
12	<u>1257</u>	28	<u>1280</u>
13	<u>923</u>	29	<u>1279</u>
14	<u>1253</u>	30	<u>1280</u>
15	<u>1260</u>	31	<u>1280</u>
16	<u>1269</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE June 10, 2002  
 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
02-01	020513	F	0.0	H	5	N/A	N/A	N/A	Dispatcher requested power reduction due to transmission line faults. The transmission lines were restored and the unit returned to full power.

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 2002  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Approved By:

  
\_\_\_\_\_  
E.D. HALPIN  
for E.D. Halpin

6/12/02  
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 June 10, 2002  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361.972.7667

### OPERATING STATUS

1. REPORTING PERIOD: 05/1/02-05/31/02 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>91,437.0</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>89,250.7</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,843,260</u>	<u>13,820,258</u>	<u>332,980,789</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>918,450</u>	<u>4,525,243</u>	<u>108,483,364</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>80.5</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>80.5</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>78.6</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>78.6</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>98.7</u>	<u>99.9</u>	<u>76.4</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>98.7</u>	<u>99.9</u>	<u>76.4</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.0</u>	<u>13.5</u>

18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):

Scheduled 70-day outage to allow refueling and steam generator replacement to begin on October 2, 2002.

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 June 10, 2002  
COMPLETED BY R.L. Hill  
TELEPHONE 361.972.7667

MONTH MAY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1232</u>	17	<u>1237</u>
2	<u>1237</u>	18	<u>1165</u>
3	<u>1241</u>	19	<u>1238</u>
4	<u>1239</u>	20	<u>1239</u>
5	<u>1238</u>	21	<u>1240</u>
6	<u>1236</u>	22	<u>1238</u>
7	<u>1236</u>	23	<u>1238</u>
8	<u>1236</u>	24	<u>1240</u>
9	<u>1236</u>	25	<u>1239</u>
10	<u>1236</u>	26	<u>1237</u>
11	<u>1235</u>	27	<u>1236</u>
12	<u>1235</u>	28	<u>1235</u>
13	<u>1230</u>	29	<u>1235</u>
14	<u>1237</u>	30	<u>1236</u>
15	<u>1239</u>	31	<u>1237</u>
16	<u>1237</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE June 10, 2002  
 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  
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