



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

November 15, 2001
NOC-AE-01001217
File No. G02
STI31377069
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 October, 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 October 2001.

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, appearing to read "F. H. Mallen".

F. H. Mallen
Manager, Planning & Controls

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

IE24

cc:

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

John A. Nakoski
Addressee Only
U. S. Nuclear Regulatory Commission
Project Manager, Mail Stop OWFN/7-D-1
Washington, DC 20555-0001

Mohan C. Thadani
Addressee Only
U. S. Nuclear Regulatory Commission
Project Manager, Mail Stop OWFN/7-D-1
Washington, DC 20555

Cornelius F. O'Keefe
U. S. Nuclear Regulatory Commission
P. O. Box 289, Mail Code MN116
Wadsworth, TX 77483

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

M. T. Hardt/W. C. Gunst
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
112 East Pecan, Suite 1100
San Antonio, Texas 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

R. L. Balcom/D. G. Tees
Reliant Energy, Inc.
P. O. Box 1700
Houston, TX 77251

C. A. Johnson/R. P. Powers
AEP - Central Power and Light Company
P. O. Box 289, Mail Code: N5022
Wadsworth, TX 77483

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
OCTOBER 2001
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:


E.D. HALPIN


Date

MONTHLY SUMMARY

South Texas Project Unit 1 began the reporting period operating at 89 percent reactor power in coastdown operation prior to the tenth refueling outage. On October 3, at 0001 the unit was removed from service for a scheduled refueling outage. The unit was returned to service on October 24, at 1534 and achieved full power on October 27, at 2348.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Nov. 14, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 10/1/01-10/31/01 GROSS HOURS IN REPORTING PERIOD: 745
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>255.4</u>	<u>6,806.4</u>	<u>88,485.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>225.4</u>	<u>6,776.4</u>	<u>86,855.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>738,360</u>	<u>25,655,187</u>	<u>323,710,252</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>247,364</u>	<u>8,858,339</u>	<u>110,621,100</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>233,488</u>	<u>8,479,608</u>	<u>105,489,566</u>
12. REACTOR SERVICE FACTOR	<u>34.3%</u>	<u>93.3%</u>	<u>76.6%</u>
13. REACTOR AVAILABILITY FACTOR	<u>34.3%</u>	<u>93.3%</u>	<u>76.6%</u>
14. UNIT SERVICE FACTOR	<u>30.3%</u>	<u>92.9%</u>	<u>75.1%</u>
15. UNIT AVAILABILITY FACTOR	<u>30.3%</u>	<u>92.9%</u>	<u>75.1%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>25.1%</u>	<u>92.9%</u>	<u>73.0%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>25.1%</u>	<u>92.9%</u>	<u>73.0%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>14.5%</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 Nov. 14, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH OCTOBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1120

2 956

3 0

4 0

5 0

6 0

7 0

8 0

9 0

10 0

11 0

12 0

13 0

14 0

15 0

16 0

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 0

18 0

19 0

20 0

21 0

22 0

23 0

24 1

25 495

26 938

27 1161

28 1263

29 1262

30 1262

31 1218

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Nov. 14, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH OCTOBER

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
01-01	010916	S	0.0	H	5	N/A	N/A	N/A	Reactor power coastdown due to fuel burnup.
01-02	011003	S	519.6	C	1	N/A	N/A	N/A	Refueling and scheduled maintenance outage.

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

OCTOBER 2001

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By:


E.D. HALPIN


Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period operating at full power. On October 4, at 0334, the unit was taken off line to repair an emergent steam leak on the feedwater isolation valve 2C. The unit was returned to service on October 10, at 0145 and achieved full power on October 11, at 0035.

OPERATING DATA REPORT

DOCKETNO.	50-499
UNIT	2
DATE	Nov. 14, 2001
COMPLETED BY	R.L. Hill
TELEPHONE	361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 10/1/01-10/31/01 GROSS HOURS IN REPORTING PERIOD: 745
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>608.6</u>	<u>6,416.7</u>	<u>86,350.0</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>602.9</u>	<u>6,290.0</u>	<u>84,163.7</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,220,853</u>	<u>23,451,373</u>	<u>313,572,901</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>764,431</u>	<u>8,055,403</u>	<u>106,920,447</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>729,681</u>	<u>7,694,758</u>	<u>102,115,322</u>
12. REACTOR SERVICE FACTOR	<u>81.7%</u>	<u>87.9%</u>	<u>79.6%</u>
13. REACTOR AVAILABILITY FACTOR	<u>81.7%</u>	<u>87.9%</u>	<u>79.6%</u>
14. UNIT SERVICE FACTOR	<u>80.9%</u>	<u>86.2%</u>	<u>77.6%</u>
15. UNIT AVAILABILITY FACTOR	<u>80.9%</u>	<u>86.2%</u>	<u>77.6%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>78.3%</u>	<u>84.3%</u>	<u>75.3%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>78.3%</u>	<u>84.3%</u>	<u>75.3%</u>
18. UNIT FORCED OUTAGE RATE	<u>19.1%</u>	<u>5.2%</u>	<u>14.2%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):	N/A		
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	N/A		

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
UNIT 2
DATE Nov. 14, 2001
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH OCTOBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1261

2 1257

3 1258

4 39

5 0

6 0

7 0

8 0

9 0

10 605

11 1253

12 1260

13 1138

14 1038

15 1048

16 1262

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1264

18 1264

19 1265

20 1264

21 1257

22 1255

23 1259

24 1262

25 1263

26 1262

27 1264

28 1264

29 1263

30 1264

31 1263

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Nov. 14, 2001
 COMPLETED BY R.L. Hill
 TELEPHONE 361 972-7667

REPORT MONTH OCTOBER

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
01-07	011004	F	142.1	A	1	N/A	SJ	ISV	Unit removed from service to repair an emergent steam leak on feedwater isolation valve 2C.

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
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⁴
 IEEE 805-1983

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 IEEE 803-1983

PORVS AND SAFETY VALVE SUMMARY

There were no PORV or Safety Valves challenged during the reporting period.

NRC CORRESPONDENCE SIGNOFF SHEET

OPGP05-ZN-0006-01

(Page 1 of 1)

SAMPLE


Correspondence Title: Monthly Operating Report For October 2001

NOC-AE: 01001217

Review Due Date: 11/15/01

Condition Report No.: N/A

The persons whose initials appear below have personally reviewed the enclosed materials with regards to their area of responsibility and have verified that it is accurate to the best of their knowledge and belief. Initialing below constitutes acceptance of attached assigned commitments.

VP Business Services	_____	Date _____	Dept. Mgr.	_____	Date _____
VP Engineering & Technical Services	_____	Date _____	Dept. Mgr.	_____	Date _____
VP Generation	_____	Date _____	Div. Mgr.	_____	Date _____
Plant General Manager		Date <u>11/14/01</u>	Reviewer	_____	Date _____
Dept. Manager	_____	Date _____	Reviewer	_____	Date _____
Dept. Manager	_____	Date _____	Reviewer	_____	Date _____
Dept. Manager	<u>sup</u>	Date <u>11/14/01</u>	Reviewer	<u>YMK</u>	Date <u>11/14/01</u>
Director, Quality & Licensing	_____	Date _____	Preparer	_____	Date _____
Supervisor, Licensing	_____	Date _____	Preparer	<u>RH</u>	Date <u>11/14/01</u>

Technical Contact: Roy Hill Ext: 7667

Licensing Contact: Marilyn Johnson Ext: 8385

CALL LICENSING CONTACT WHEN READY FOR PICK-UP