

The Light company

Houston Lighting & Power South Texas Project Electric Generating Station P. O. Box 289 Wadsworth, Texas 77483

September 14, 1995
ST-HL-AE-5178
File No.: G02
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 August 1995

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 August 1995.

If you should have any questions on this matter, please contact Mr. S. M. Head at (512) 972-7136.



M. A. McBurnett
Manager,
Nuclear Licensing

MKJ/lf

Attachments: 1) STPEGS Unit 1 Monthly Operating Report - August 1995
2) STPEGS Unit 2 Monthly Operating Report - August 1995

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Project Manager on Behalf of the Participants in the South Texas Project
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Houston Lighting & Power Company
South Texas Project Electric Generating Station

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c:

Leonard J. Callan
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Thomas W. Alexion
Project Manager
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001 13H15

David P. Loveless
Sr. Resident Inspector
c/o U. S. Nuclear Regulatory Comm.
P. O. Box 910
Bay City, TX 77404-0910

J. R. Newman, Esquire
Morgan, Lewis & Bockius
1800 M Street, N.W.
Washington, DC 20036-5869

K. J. Fiedler/M. T. Hardt
City Public Service
P. O. Box 1771
San Antonio, TX 78296

J. C. Lanier/M. B. Lee
City of Austin
Electric Utility Department
721 Barton Springs Road
Austin, TX 78704

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

Rufus S. Scott
Associate General Counsel
Houston Lighting & Power Company
P. O. Box 61067
Houston, TX 77208

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

Dr. Joseph M. Hendrie
50 Bellport Lane
Bellport, NY 11713

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

U. S. Nuclear Regulatory Comm.
Attn: Document Control Desk
Washington, D. C. 20555-0001

J. R. Egan, Esquire
Egan & Associates, P.C.
2300 N Street, N.W.
Washington, D.C. 20037

J. W. Beck
Little Harbor Consultants, Inc.
44 Nichols Road
Cohasset, MA 02025-1166

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
AUGUST 1995
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By:

D. M. BERGENDAHL
D. M. BERGENDAHL

9/11/95
Date

Approved By:

L. W. MYERS
L. W. MYERS

9/12/95
Date

Monthly Summary

STPEGS Unit 1 began the reporting period operating at 100% reactor power.

On August 29, 1995, at 1127 the unit experienced an automatic trip on Loss of Flow due to a loss of power to Reactor Coolant Pump 1C. At the time of the occurrence, preventive maintenance of a ground relay in the 13.8KV switchgear was being conducted. During the maintenance activity, a lockout relay was inadvertently actuated causing the feeder breaker to an auxiliary bus to open and loss of power to Reactor Coolant Pump 1C.

The unit was returned to service on August 31, at 0321 and concluded the reporting period at approximately 86% with ascension to full power in progress.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Sep. 7, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 08/01/95-08/31/95 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800
MAX.DEPEND.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 WAS CRITICAL.....	715.6	4829.6	38782.5
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	704.1	4730.1	37497.5
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	2650586	17603485	137425465
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	905200	6040922	46695882
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	863210	5775393	44286345
12. REACTOR SERVICE FACTOR.....	96.2%	82.8%	63.0%
13. REACTOR AVAILABILITY FACTOR.....	96.2%	82.8%	63.0%
14. UNIT SERVICE FACTOR.....	94.6%	81.1%	61.0%
15. UNIT AVAILABILITY FACTOR.....	94.6%	81.1%	61.0%
16. UNIT CAPACITY FACTOR (Using MDC).....	92.8%	79.2%	57.6%
17. UNIT CAPACITY FACTOR (Using Design MWe)...	92.8%	79.2%	57.6%
18. UNIT FORCED OUTAGE RATE.....	5.4%	2.1%	27.7%
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): N/A			
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE Sep. 7, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH AUGUST

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1252
2	1249
3	1249
4	1251
5	1245
6	1246
7	1250
8	1246
9	1242
10	1250
11	1254
12	1246
13	1250
14	1250
15	1255
16	1245

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1250
18	1246
19	1245
20	1246
21	1245
22	1242
23	1244
24	1246
25	1246
26	1246
27	1245
28	1245
29	566
30	0
31	475

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Sep 7, 1995
 COMPLETED BY R.L. Hill
 TELEPHONE 512/972-7667

REPORT MONTH AUGUST

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
95-08	950829	F	39.9	G	3	1-95-009	AB	RLY	<p>The unit experienced an automatic trip on Loss of Flow due to a loss power to Reactor Coolant Pump 1C. At the time of the occurrence, preventive maintenance of a ground relay in the 13.8KV switchgear was being conducted. During the maintenance activity, a lockout relay was inadvertently actuated causing the feeder breaker to an auxiliary bus to open and loss of power to Reactor Coolant Pump 1C.</p> <p>The corrective actions to prevent recurrence will be discussed in the LER.</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 803A-1983

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PORVs and Safety Valves Summary

ATTACHMENT 1
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PAGE 6 OF 6

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

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
AUGUST 1995
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By:

D. M. BERGENDAHL

9/11/95
Date

Approved By:

R. E. MASSE

9/11/95
Date

Monthly Summary

STPEGS Unit 2 operated during the reporting period with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-499
UNIT 2
DATE Sep. 7, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 08/01/95-08/31/95 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800
MAX.DEPEND.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 WAS CRITICAL.....	744.0	5773.3	35810.1
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	744.0	5760.6	34593.3
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	2839848	21917855	126698352
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	969500	7538111	42995981
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	925360	7216651	40942906
12. REACTOR SERVICE FACTOR.....	100.0%	99.0%	65.9%
13. REACTOR AVAILABILITY FACTOR.....	100.0%	99.0%	65.9%
14. UNIT SERVICE FACTOR.....	100.0%	98.8%	63.6%
15. UNIT AVAILABILITY FACTOR.....	100.0%	98.8%	63.6%
16. UNIT CAPACITY FACTOR (Using MDC).....	99.5%	99.0%	60.2%
17. UNIT CAPACITY FACTOR (Using Design MWe)...	99.5%	99.0%	60.2%
18. UNIT FORCED OUTAGE RATE.....	0.0%	1.2%	27.0%
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):	Scheduled 35 day refueling outage to begin on October 7, 1995.		
20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A			

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-499
UNIT 2
DATE Sep. 7, 1995
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH AUGUST

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	1253
2	1256
3	1246
4	1244
5	1245
6	1245
7	1245
8	1245
9	1245
10	1249
11	1244
12	1242
13	1250
14	1249
15	1245
16	1245

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	1245
18	1241
19	1240
20	1245
21	1241
22	1240
23	1240
24	1245
25	1240
26	1240
27	1240
28	1237
29	1240
30	1236
31	1241

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Sep. 7, 1995
 COMPLETED BY R.L. Hill
 TELEPHONE 512/972-7667

REPORT MONTH AUGUST

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	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 803A-1983

ATTACHMENT 2
 ST-HL-AE-5178
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PORVs and Safety Valves Summary

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