

The Light company

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

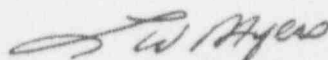
September 14, 1994
ST-HL-AE-4891
File No.: G02
10CFR50.71

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

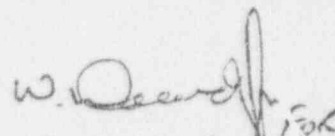
South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for August 1994

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 1994.

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



L. W. Myers
Plant Manager,
Unit 1



G. L. Parkey
Plant Manager,
Unit 2

MKJ/esh

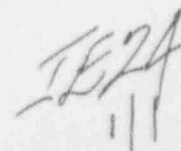
- Attachments: 1) STPEGS Unit 1 Monthly Operating Report - August 1994
- 2) STPEGS Unit 2 Monthly Operating Report - August 1994

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Project Manager on Behalf of the Participants in the South Texas Project

MISC-94\94-257.002



Houston Lighting & Power Company
South Texas Project Electric Generating Station

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File No.: G02
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C:

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SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
AUGUST 1994
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Reviewed By:	<u>D. M. Bergendahl</u>	<u>9/6/94</u>
	D. M. BERGENDAHL	Date
Reviewed By:	<u>F. H. Mallen Jr</u>	<u>9/6/94</u>
	F. H. MALLEN	Date
Approved By:	<u>L. W. Myers</u>	<u>9/12/94</u>
	L. W. MYERS	Date

Monthly Summary

ATTACHMENT 1
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STPEGS Unit 1 operated during the reporting period with no unit shutdowns or significant power reductions.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Sep. 6, 1994
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 08/01/94-08/31/94 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	4196.7	31069.3
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	744.0	3980.5	29904.3
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	2839207	14320895	108986403
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	975980	4903430	36918090
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	933942	4673390	34932934
12. REACTOR SERVICE FACTOR.....	100.0%	72.0%	58.9%
13. REACTOR AVAILABILITY FACTOR.....	100.0%	72.0%	58.9%
14. UNIT SERVICE FACTOR.....	100.0%	68.3%	56.7%
15. UNIT AVAILABILITY FACTOR.....	100.0%	68.3%	56.7%
16. UNIT CAPACITY FACTOR (Using MDC).....	100.4%	64.1%	53.0%
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	100.4%	64.1%	53.0%
18. UNIT FORCED OUTAGE RATE.....	0.0%	31.7%	32.2%
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Scheduled 45 day refueling outage to begin on March 4, 1995.			
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. 6, 1994
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH AUGUST

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1258
2	1258
3	1257
4	1258
5	1257
6	1258
7	1257
8	1256
9	1257
10	1257
11	1257
12	1257
13	1257
14	1257
15	1256
16	1253

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1253
18	1253
19	1252
20	1254
21	1255
22	1256
23	1256
24	1257
25	1256
26	1256
27	1255
28	1254
29	1254
30	1248
31	1247

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498UNIT 1DATE Sep. 6, 1994COMPLETED BY R.L. HillTELEPHONE 512/972-7667REPORT 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)

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

ATTACHMENT 2

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SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
AUGUST 1994
HOUSTON LIGHTING AND POWER CO.
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Reviewed By:

D. M. Bergendahl
D. M. BERGENDAHL

9/6/94
Date

Reviewed By:

F. H. Mallen for
F. H. MALLEN

9/6/94
Date

Approved By:

G. L. Parkey
G. L. PARKEY

9/8/94
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. 6, 1994
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

OPERATING STATUS

1. REPORTING PERIOD: 08/01/94-08/31/94 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	2351.6	27107.7
6. REACTOR RESERVE SHUTDOWN HOURS.....	0	0	0
7. HOURS GENERATOR ON LINE.....	744.0	2170.0	25903.7
8. UNIT RESERVE SHUTDOWN HOURS.....	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWt).....	2838840	7289157	93722678
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	971060	2443540	31648130
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	930181	2335610	30070889
12. REACTOR SERVICE FACTOR.....	100.0%	40.3%	59.4%
13. REACTOR AVAILABILITY FACTOR.....	100.0%	40.3%	59.4%
14. UNIT SERVICE FACTOR.....	100.0%	37.2%	56.8%
15. UNIT AVAILABILITY FACTOR.....	100.0%	37.2%	56.8%
16. UNIT CAPACITY FACTOR (Using MDC).....	100.0%	32.0%	52.7%
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	100.0%	32.0%	52.7%
18. UNIT FORCED OUTAGE RATE.....	0.0%	62.7%	32.9%
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. 50-499
UNIT 2
DATE Sep. 6, 1994
COMPLETED BY R.L. Hill
TELEPHONE 512/972-7667

MONTH AUGUST

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1253</u>
2	<u>1254</u>
3	<u>1253</u>
4	<u>1250</u>
5	<u>1251</u>
6	<u>1253</u>
7	<u>1253</u>
8	<u>1252</u>
9	<u>1253</u>
10	<u>1255</u>
11	<u>1248</u>
12	<u>1253</u>
13	<u>1254</u>
14	<u>1252</u>
15	<u>1251</u>
16	<u>1249</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>1247</u>
18	<u>1247</u>
19	<u>1250</u>
20	<u>1251</u>
21	<u>1253</u>
22	<u>1248</u>
23	<u>1251</u>
24	<u>1250</u>
25	<u>1249</u>
26	<u>1248</u>
27	<u>1249</u>
28	<u>1251</u>
29	<u>1243</u>
30	<u>1242</u>
31	<u>1247</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Sep. 6, 1994
 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									

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 Reason:
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 G-Operational Error (Explain)
 H-Other (Explain)

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 Method:
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 IEEE 803A-1983

ATTACHMENT
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 PAGE 5 OF 6

PORVs and Safety Valves Summary

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