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 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 LEONARD, C.M. Florida Power & Light Co.
 PLUNKETT, T.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Oct 1991 for Turkey Point, Units
 3 & 4. W/911115 ltr.

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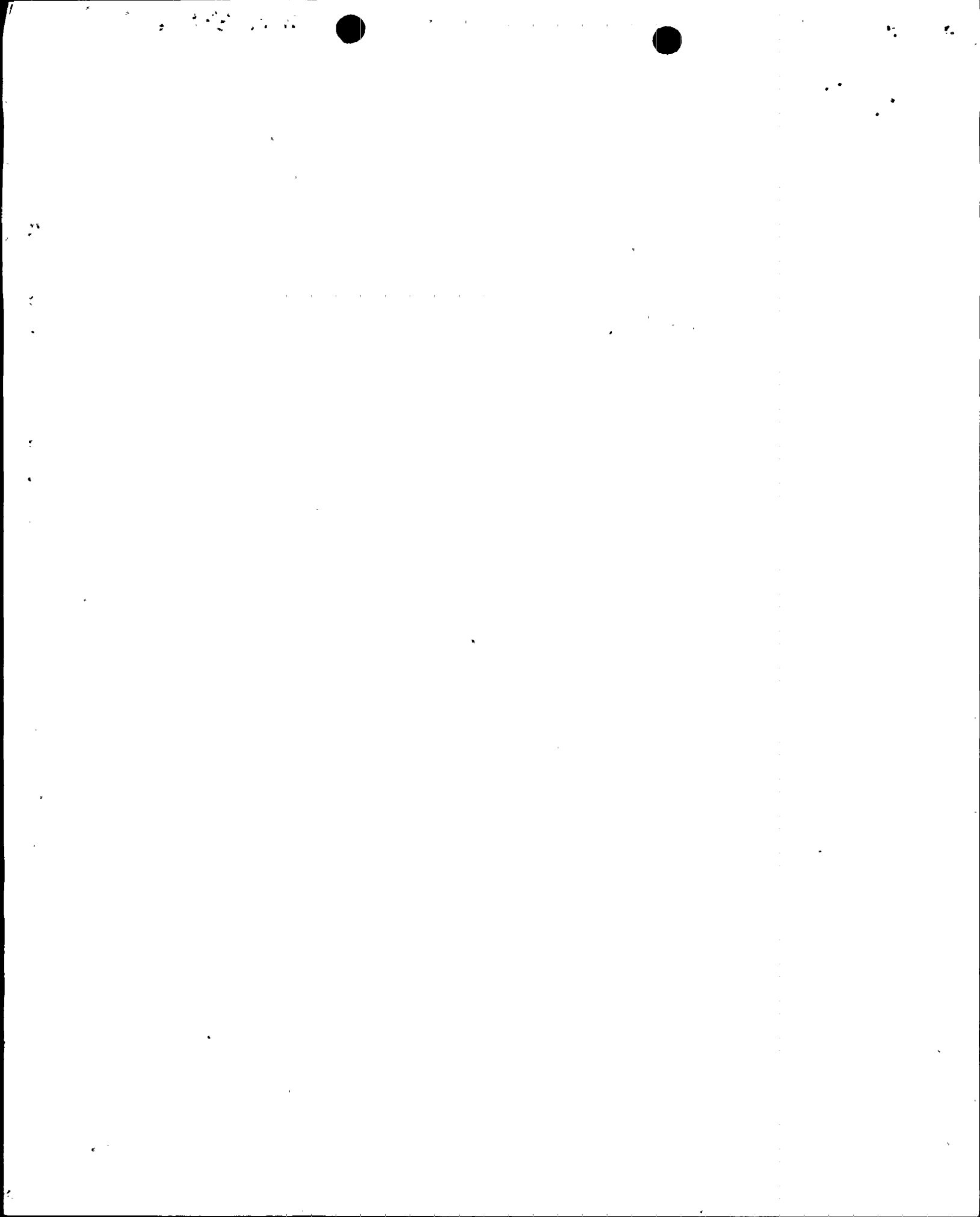
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L-91-309
10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

RE: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Monthly Operating Report

In accordance with the requirements of Turkey Point Units 3 and 4 Technical Specification 6.9.1.5, and the guidance of NUREG 0020, attached are the October, 1991, Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/DRP/CML

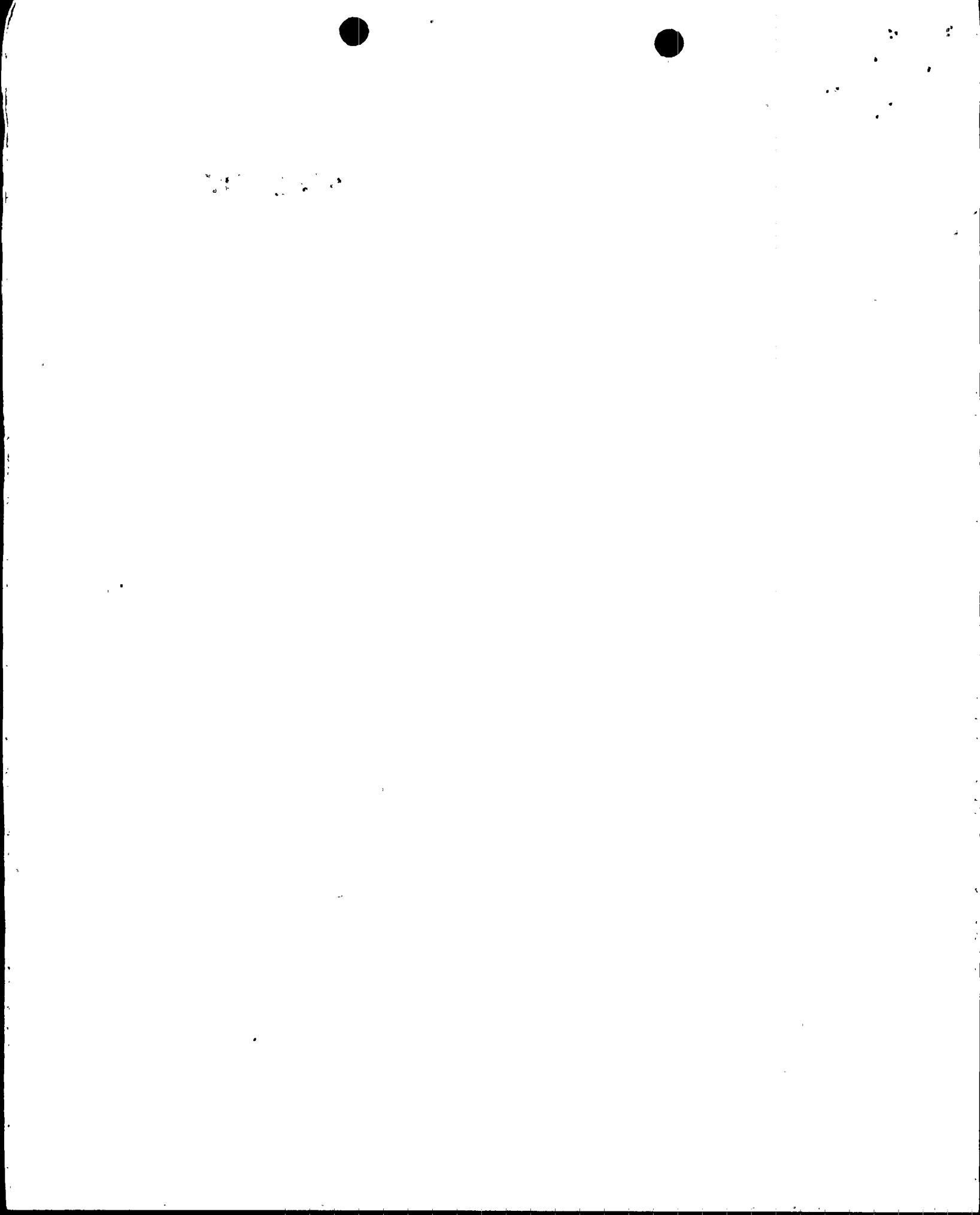
attachments

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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an FPL Group company



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE November 12, 1991

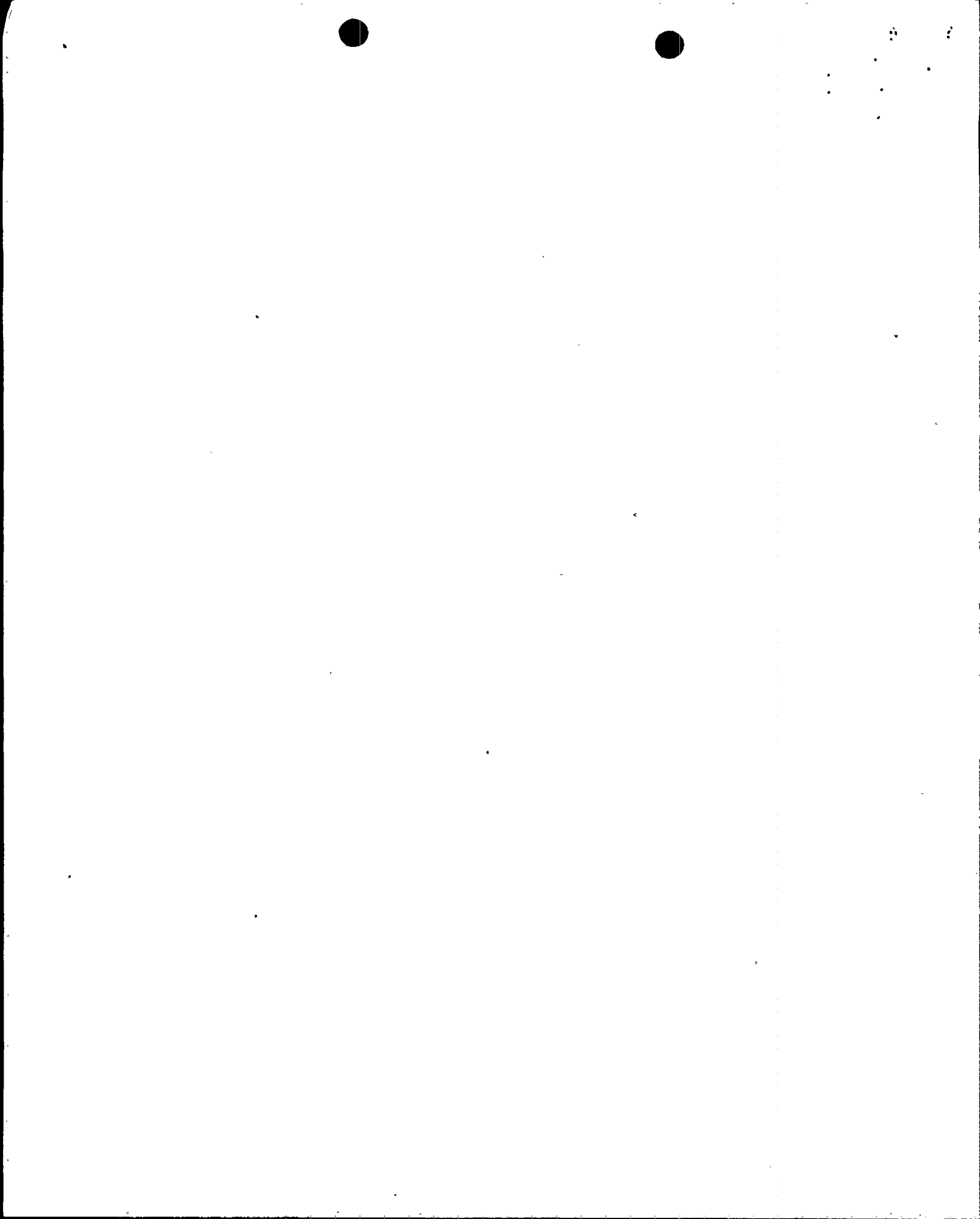
COMPLETED BY C. M. Leonard

TELEPHONE (305) 246-7103

MONTH October, 1991

AVERAGE DAILY POWER LEVEL
(MWe-Net)

10/01/91	21
10/02/91	68
10/03/91	81
10/04/91	53
10/05/91	293
10/06/91	300
10/07/91	301
10/08/91	277
10/09/91	267
10/10/91	254
10/11/91	246
10/12/91	257
10/13/91	401
10/14/91	544
10/15/91	669
10/16/91	673
10/17/91	675
10/18/91	664
10/19/91	679
10/20/91	678
10/21/91	672
10/22/91	672
10/23/91	676
10/24/91	675
10/25/91	678
10/26/91	677
10/27/91	678
10/28/91	678
10/29/91	677
10/30/91	679
10/31/91	685



UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE November 12, 1991

COMPLETED BY C. M. Leonard

TELEPHONE (305) 246-7103

REPORT MONTH October 1991

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
22	901212	S	16.6	H	1	N/A	EE	Engine	Unit 3 was shutdown for scheduled Upgrades Outage.
01	911002	S	10.3	B	5	N/A	HA	Turbine	Unit 3 taken off line (but remained critical) for scheduled turbine test.
02	911003	F	26.3	A	2	250-91-008-00	HA	Turbine	Manual Reactor and Turbine trip due to mechanical failure of piping nipple in turbine control oil system.

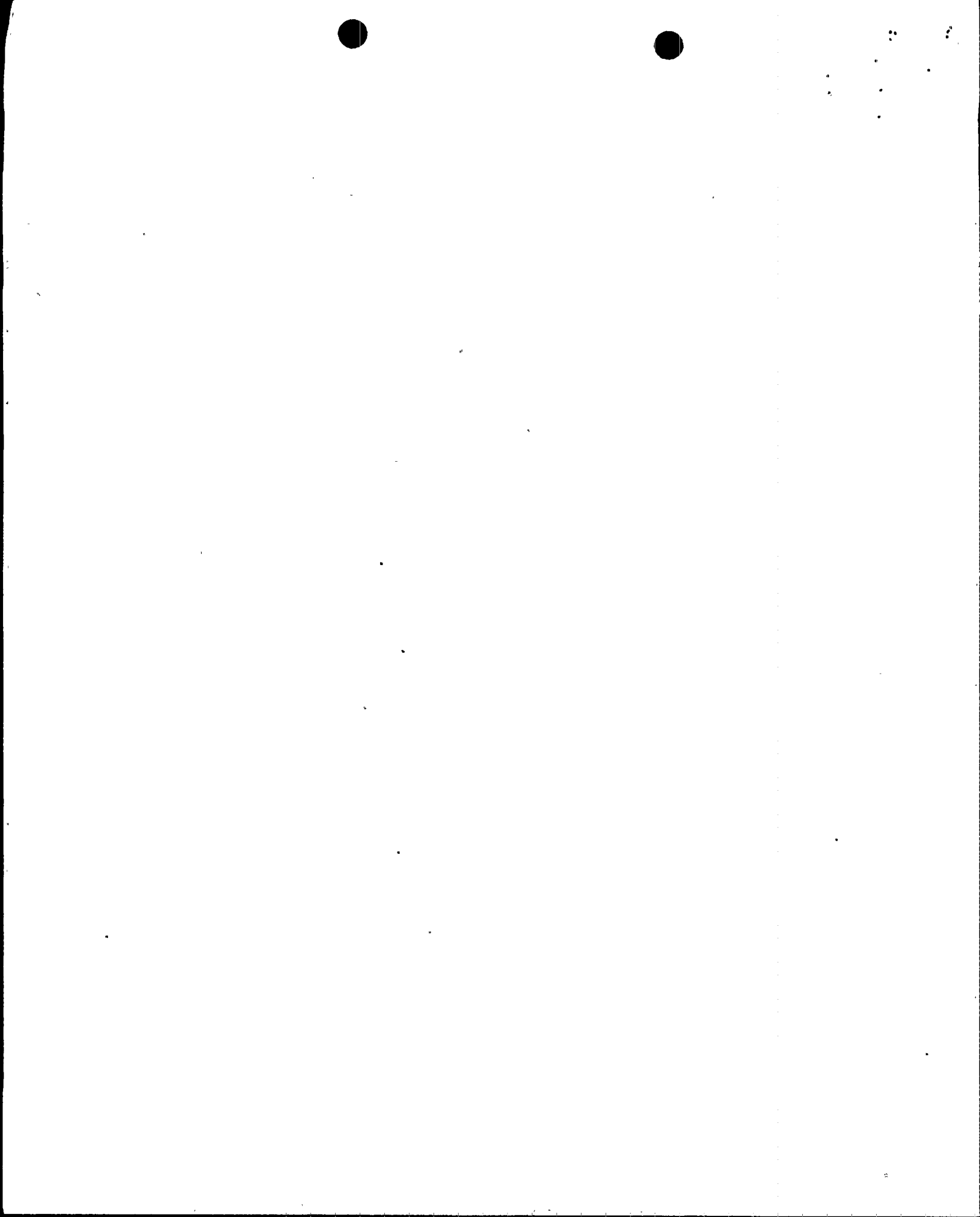
1
F Forced
S Scheduled

2
Reason
A - Equipment Failure (Explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & License Examination
F - Administrative
G - Operational Error (Explain)
H - Other (Explain)

3
Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

4
Exhibit G - Instructions for Preparation of Data Entry Sheets Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point #3

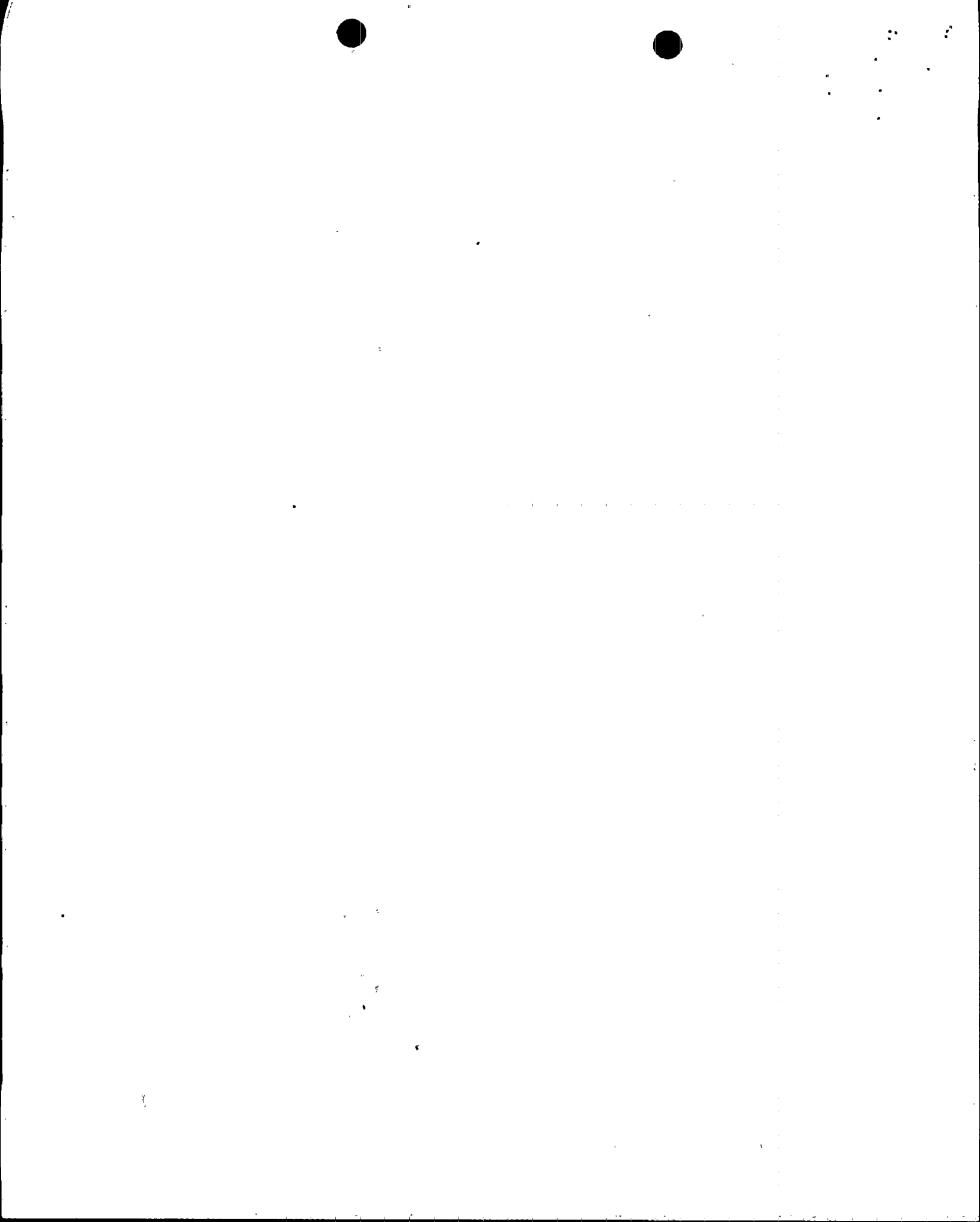
DATE November 12, 1991

COMPLETED BY C. M. Leonard

TELEPHONE (305) 246-7103

REPORT MONTH October, 1991

Unit 3 was shutdown on December 12, 1990 for a scheduled Upgrades Outage. This outage was completed and Unit 3 was placed on line on October 1, 1991. The unit was taken off line for turbine testing on October 2, 1991, and placed back on line on October 2, 1991. On October 3, 1991, a manual reactor and turbine trip was initiated due to a mechanical failure of a piping nipple in the control oil system. The unit was placed back on line October 4, 1991. Between October 4 through October 14, Unit 3 was maintained at various power levels due to instrumentation and mechanical problems.



OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 11/13/91
 COMPLETED BY C. M. LEONARD
 TELEPHONE 305/246/7103

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: OCTOBER 1991
3. LICENSED THERMAL POWER (MWT): _____ 2200
4. NAMEPLATE RATING (GROSS MWE): _____ 760
5. DESIGN ELECTRICAL RATING (NET MWE): _____ 693
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): _____ 699
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): _____ 666
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: _____
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) _____
10. REASONS FOR RESTRICTIONS, IF ANY: _____

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	745	7296	156969.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	727.2	788.1	99978.3
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	691.8	691.8	98546.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH)	1215537	1215537	204250340
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	379665	379665	65440541
18. NET ELECTRICAL ENERGY GENERATED (MWH)	356960	339482	61856331
19. UNIT SERVICE FACTOR	92.9	9.5	62.8
20. UNIT AVAILABILITY FACTOR	92.9	9.5	62.9
21. CAPACITY FACTOR (USING MDC NET)	71.9	7.0	60.3
22. CAPACITY FACTOR (USING DER NET)	69.1	6.7	56.9
23. UNIT FORCED OUTAGE RATE	3.7	3.7	12.4
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE November 12, 1991

COMPLETED BY C. M. Leonard

TELEPHONE (305) 246-7103

MONTH October, 1991

AVERAGE DAILY POWER LEVEL

(MWe-Net)

10/01/91	0
10/02/91	0
10/03/91	0
10/04/91	0
10/05/91	0
10/06/91	0
10/07/91	0
10/08/91	0
10/09/91	0
10/10/91	0
10/11/91	0
10/12/91	0
10/13/91	0
10/14/91	0
10/15/91	0
10/16/91	0
10/17/91	0
10/18/91	0
10/19/91	0
10/20/91	0
10/21/91	0
10/22/91	0
10/23/91	0
10/24/91	0
10/25/91	0
10/26/91	0
10/27/91	0
10/28/91	0
10/29/91	64
10/30/91	222
10/31/91	237

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE November 12, 1991

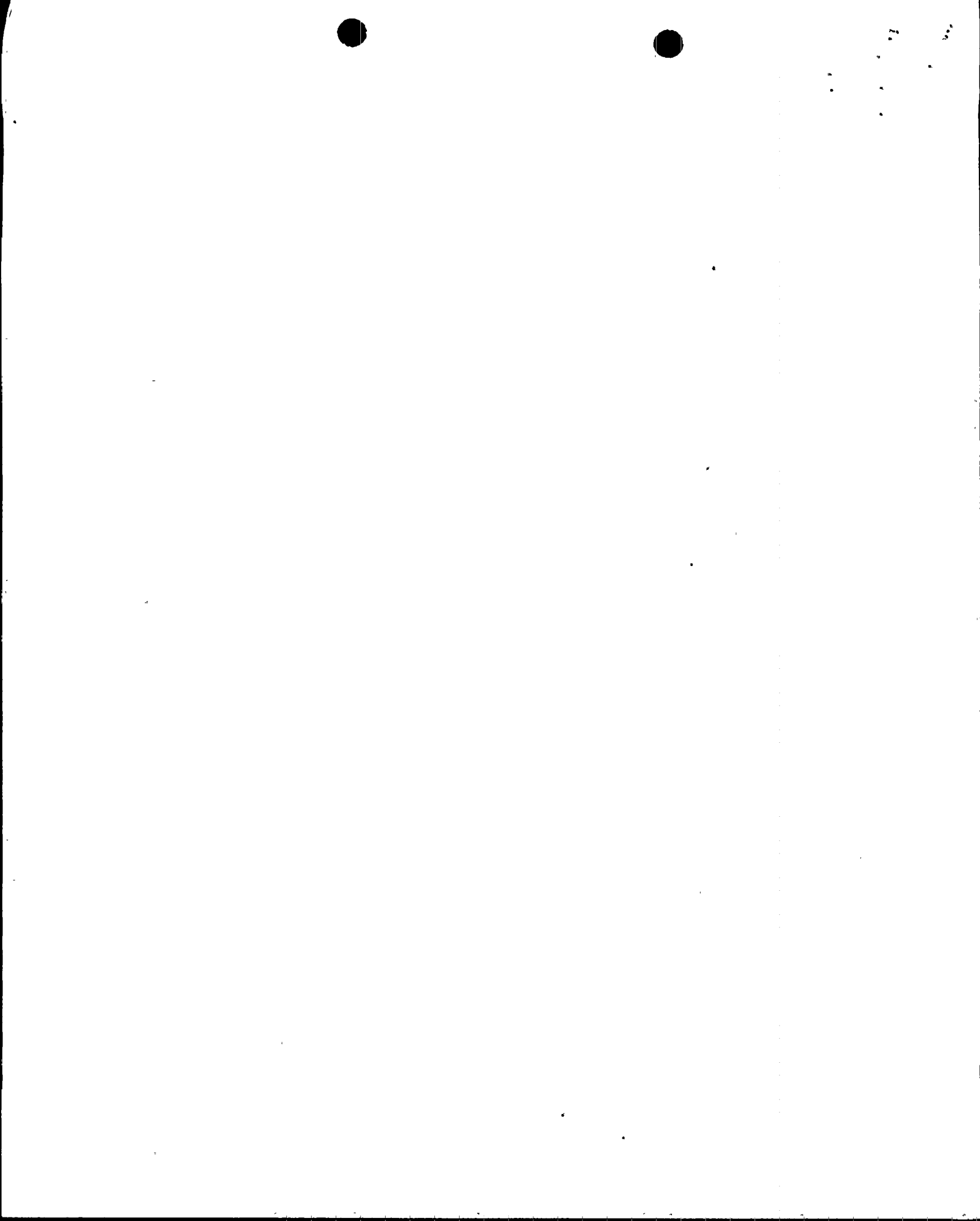
COMPLETED BY C. M. Leonard

TELEPHONE (305) 246-7103

REPORT MONTH October 1991

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
10	901124	S	677.6	C/H	1	N/A	RC/EE	FueIXX Engine	Unit 4 shutdown for a scheduled Upgrades and Refueling Outage.
1	911029	S	4.7	B	5	N/A	HA	Turbine	Unit 4 taken off line (but remained critical) for scheduled turbine test.

- | | | | |
|--|--|---|--|
| <p>1 F Forced
S Scheduled</p> | <p>2 Reason
A - Equipment Failure (Explain)
B - Maintenance or Test
C - Refueling
D - Regulatory Restriction
E - Operator Training & License Examination
F - Administrative
G - Operational Error (Explain)
H - Other (Explain)</p> | <p>3 Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)</p> | <p>4 Exhibit G- Instructions for Preparation of Data Entry Sheets
Licensee Event Report (LER) File (NUREG-0161)</p> |
| | | <p>5 Exhibit 1 - Same Source</p> | |



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point #4

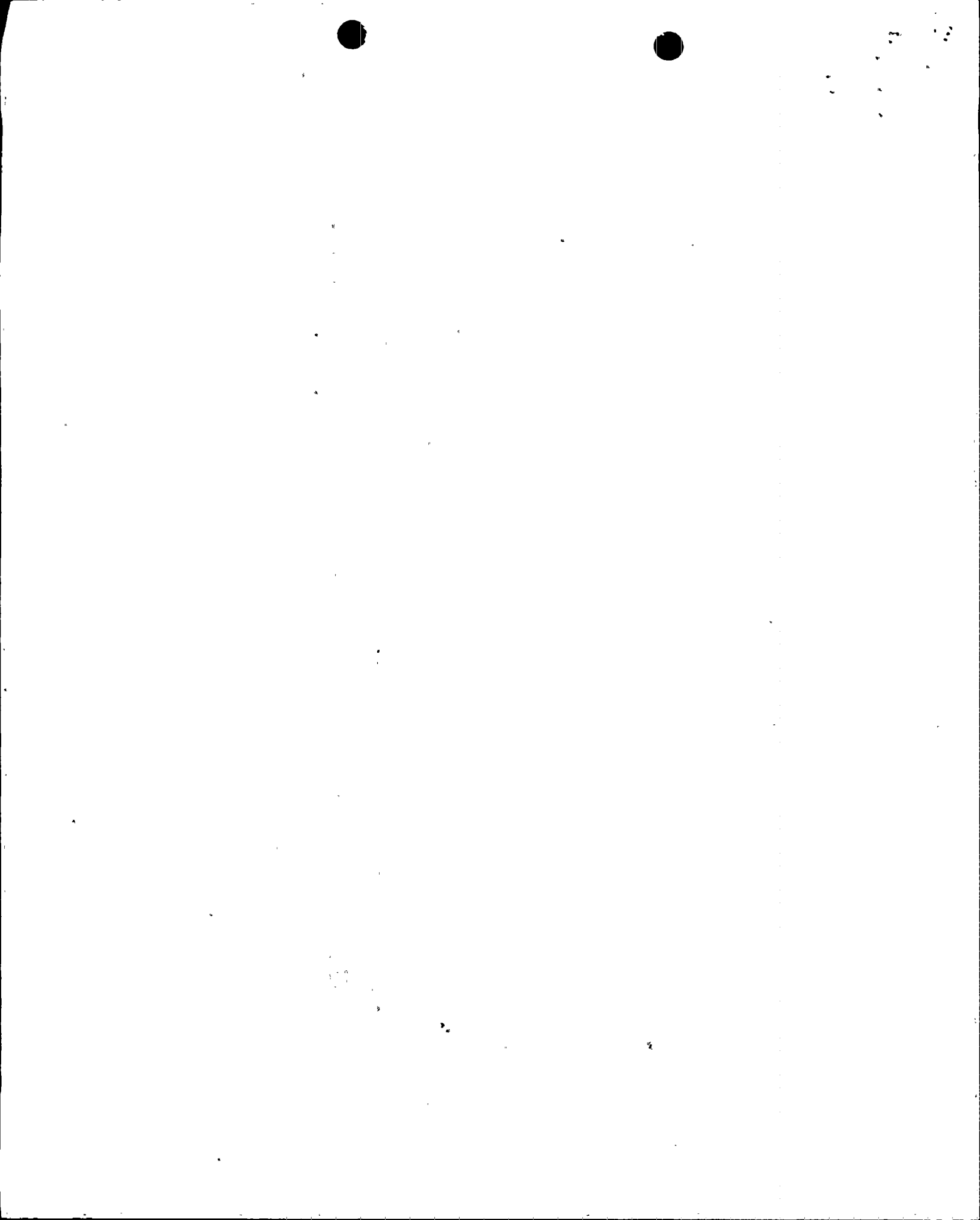
DATE November 12, 1991

COMPLETED BY C. M. Leonard

TELEPHONE (305) 246-7103

REPORT MONTH October, 1991

Unit 4 was shutdown for a scheduled Upgrades and Refueling Outage on November 24, 1990. This outage was completed and Unit 4 was placed on line on October 29, 1991. Unit 4 was taken off line on October 29, 1991, for turbine testing. Unit 4 was placed back on line on October 29, 1991.



OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 11/13/91
 COMPLETED BY C. M. LEONARD
 TELEPHONE 305/246/7103

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: OCTOBER 1991
3. LICENSED THERMAL POWER (MWT): _____ 2200
4. NAMEPLATE RATING (GROSS MWE): _____ 760
5. DESIGN ELECTRICAL RATING (NET MWE): _____ 693
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): _____ 699
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): _____ 666
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: _____
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE) _____
10. REASONS FOR RESTRICTIONS, IF ANY: _____

MONTHLY -YTD- CUMULATIVE

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	745	7296	150701.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	144.6	144.6	94528.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	62.7	62.7	90935.6
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	55521	55521	191279865
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	14355	14355	61008186
18. NET ELECTRICAL ENERGY GENERATED (MWH)	6695	-3216	57667944
19. UNIT SERVICE FACTOR	8.4	0.9	60.3
20. UNIT AVAILABILITY FACTOR	8.4	0.9	60.4
21. CAPACITY FACTOR (USING MDC NET)	1.3	0.0	58.5
22. CAPACITY FACTOR (USING DER NET)	1.3	0.0	55.2
23. UNIT FORCED OUTAGE RATE	0.0	0.0	11.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____