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ACCESSION NBR: 9004200700      DOC. DATE: ~~90/03/31~~ NOTARIZED: NO      DOCKET #  
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 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C      05000251  
 AUTH. NAME      AUTHOR AFFILIATION  
 LOVELL, T.W.      Florida Power & Light Co.  
 HARRIS, K.N.      Florida Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Mar 1990 for Turkey Point Units  
 3 & 4. W/ 900411 ltr.

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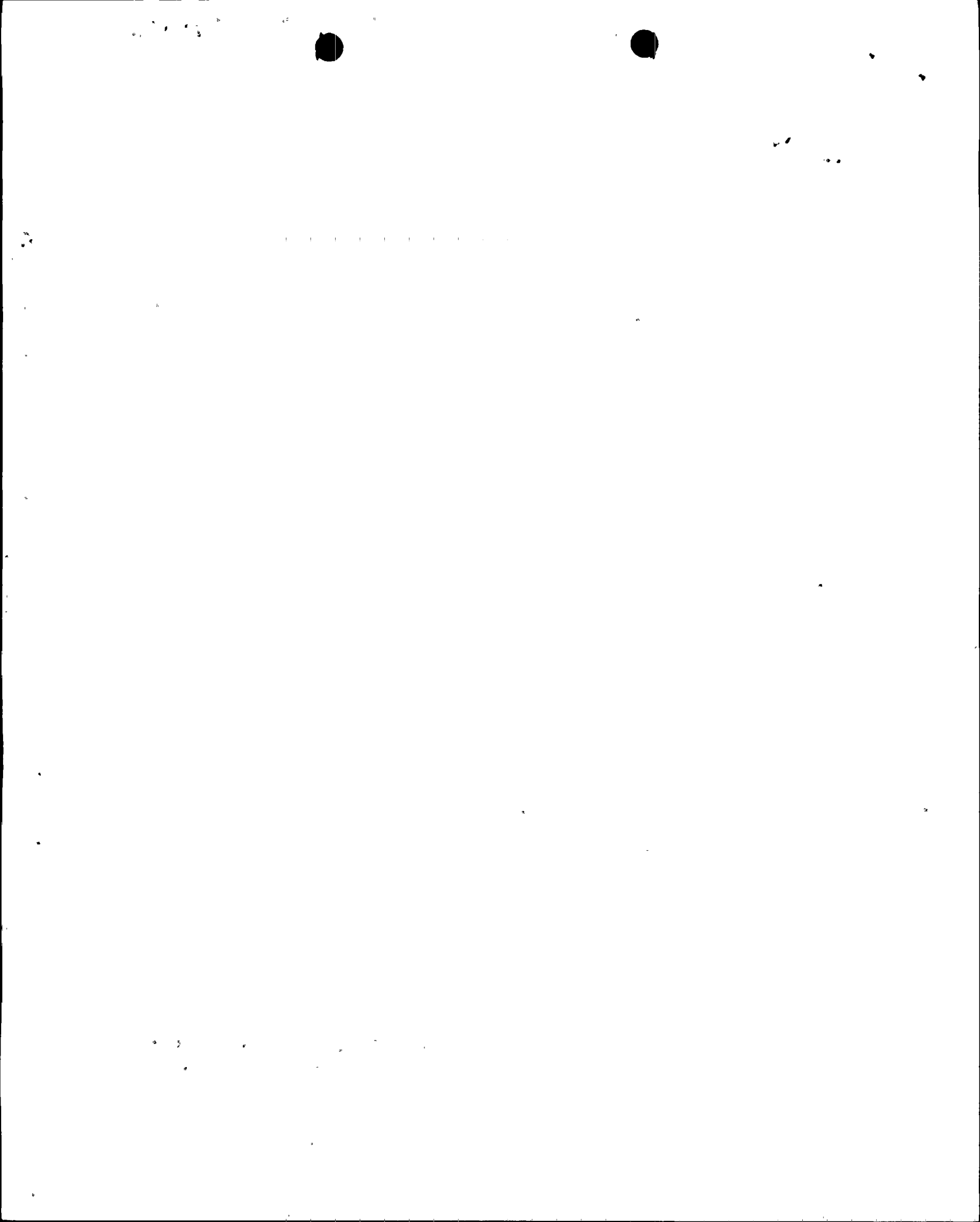
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FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

APR 11 1990

L-90-135  
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.c, and the guidance of NUREG 0020, attached are the March 1990 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

*KN Harris*  
K. N. Harris  
Vice President  
Turkey Point Plant Nuclear

KNH/DRP/TWL/rat

attachments

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

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*IF24*  
*11*

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE April 15, 1990

COMPLETED BY T. W. Lovell

TELEPHONE (305) 246-7103

MONTH March, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

3/ 1/90	-1
3/ 2/90	-1
3/ 3/90	-1
3/ 4/90	0
3/ 5/90	-1
3/ 6/90	-1
3/ 7/90	-1
3/ 8/90	-1
3/ 9/90	-1
3/10/90	-1
3/11/90	-1
3/12/90	-1
3/13/90	-1
3/14/90	-1
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3/23/90	-1
3/24/90	-1
3/25/90	-1
3/26/90	-1
3/27/90	-1
3/28/90	-1
3/29/90	-1
3/30/90	-1
3/31/90	-1

OPERATING DATA REPORT

DOCKET NO 50 - 250  
 DATE 4/ 6/90  
 COMPLETED BY T. H. LOVELL  
 TELEPHONE 305/246/7103

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: MARCH 1990
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: _____	744	2160	151833.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	0.0	814.9	100005.0
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	0.0	814.3	98669.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MMH) _____	0	1791182	204825985
17. GROSS ELECTRICAL ENERGY GENERATED (MMH) _____	0	575155	65636031
18. NET ELECTRICAL ENERGY GENERATED (MMH) _____	-1276	544804	62061653
19. UNIT SERVICE FACTOR _____	0.0	37.7	65.0
20. UNIT AVAILABILITY FACTOR _____	0.0	37.7	65.1
21. CAPACITY FACTOR (USING MDC NET) _____	0.0	37.9	62.7
22. CAPACITY FACTOR (USING DER NET) _____	0.0	36.4	59.0
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	12.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 04/26/90

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250  
 UNIT NAME Turkey Point #3  
 DATE April 15, 1990  
 COMPLETED BY T. W. Lovell  
 TELEPHONE (305) 246-7103

REPORT MONTH March, 1990

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
15	900203	S	744	C	1	N/A	RC	Fuel XX	Unit 3 was shutdown for a scheduled refueling and 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 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 April 15, 1990

COMPLETED BY T. W. Lovell

TELEPHONE (305) 246-7103

REPORT MONTH March, 1990

Unit 3 was shutdown for a scheduled refueling and maintenance outage.



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE April 15, 1990

COMPLETED BY T. W. Lovell

TELEPHONE (305) 246-7103

MONTH March, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

3/ 1/90	703
3/ 2/90	701
3/ 3/90	698
3/ 4/90	698
3/ 5/90	698
3/ 6/90	699
3/ 7/90	695
3/ 8/90	695
3/ 9/90	699
3/10/90	700
3/11/90	700
3/12/90	696
3/13/90	694
3/14/90	692
3/15/90	691
3/16/90	637
3/17/90	647
3/18/90	689
3/19/90	691
3/20/90	690
3/21/90	690
3/22/90	697
3/23/90	698
3/24/90	695
3/25/90	690
3/26/90	688
3/27/90	687
3/28/90	683
3/29/90	688
3/30/90	685
3/31/90	686



OPERATING DATA REPORT

DOCKET NO 50 - 251  
 DATE 4/ 6/90  
 COMPLETED BY T. W. LOVELL  
 TELEPHONE 305/246/7103

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: MARCH 1990
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: _____	744	2160	145565.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	1942.4	96326.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE _____	744.0	1930.5	92803.3
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH) _____	1634311	4220818	195445162
17. GROSS ELECTRICAL ENERGY GENERATED (MMH) _____	537675	1383630	62377461
18. NET ELECTRICAL ENERGY GENERATED (MMH) _____	513582	1317700	58988860
19. UNIT SERVICE FACTOR _____	100.0	89.4	63.8
20. UNIT AVAILABILITY FACTOR _____	100.0	89.4	63.8
21. CAPACITY FACTOR (USING MDC-NET) _____	103.6	91.6	62.1
22. CAPACITY FACTOR (USING DER NET) _____	99.6	88.0	58.5
23. UNIT FORCED OUTAGE RATE _____	0.0	0.0	11.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE April 15, 1990

COMPLETED BY T. W. Lovell

TELEPHONE (305) 246-7103

REPORT MONTH March, 1990

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
									Unit 4 operated at essentially full power and had no shutdowns or significant power reductions.

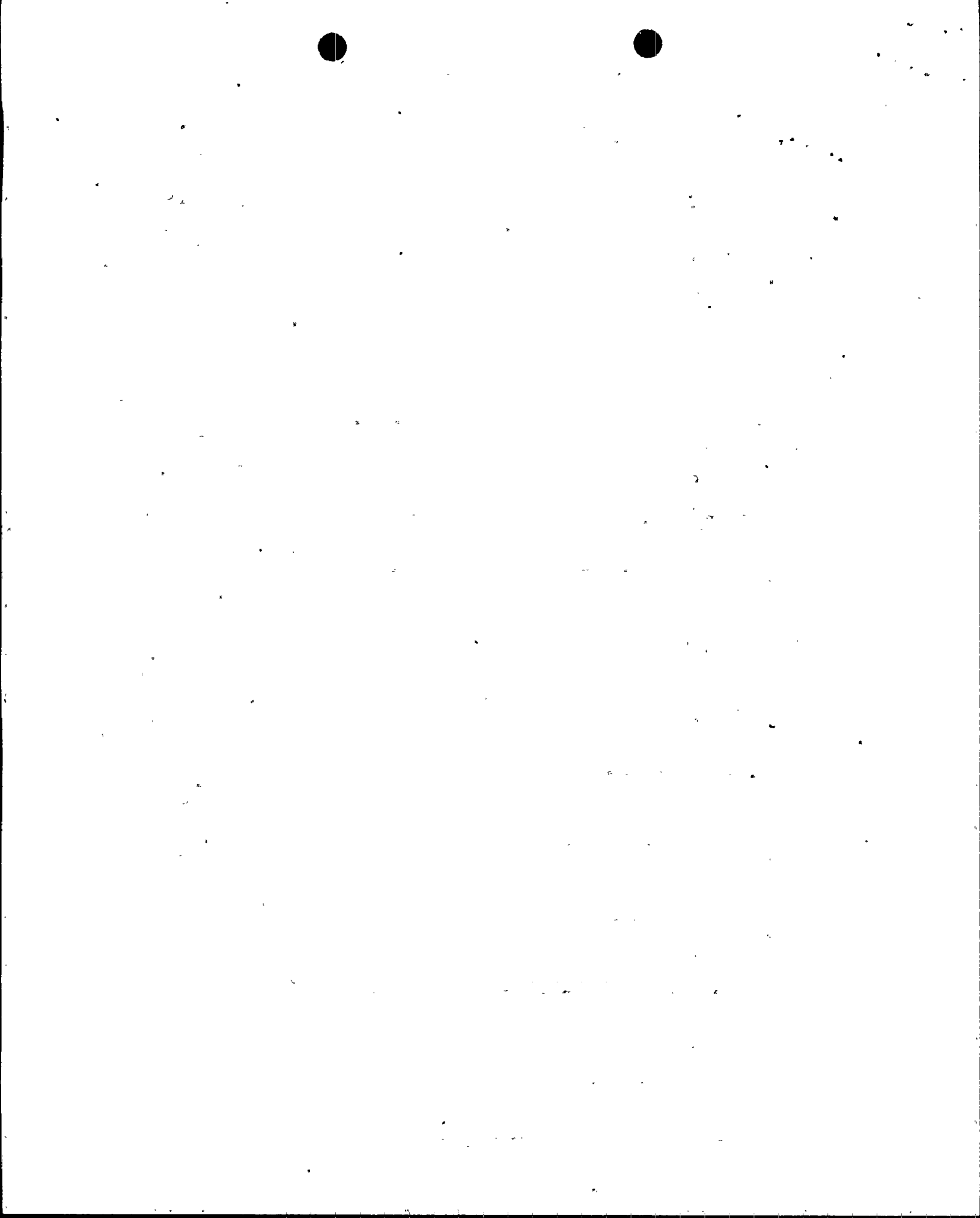
**1**  
F Forced  
S Scheduled

**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 Scheets Licensee Event Report (LER) File (NUREG-0161)

**5**  
Exhibit 1 - Same Source



SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE April 15, 1990

COMPLETED BY T. W. Lovell

TELEPHONE (305) 246-7103

REPORT MONTH March, 1990

Unit 4 operated at essentially full power and had no shutdowns or significant power reductions.



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