

MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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FROM: Florida Power & Light Co. Miami, Florida A.D. Schmidt		DATE OF DOC 9-9-75	DATE REC'D 9-11-75	LTR	TWX	RPT XX	OTHER
TO: NRC		ORIG 1 Signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-250/251		
DESCRIPTION: Ltr trans the following:				ENCLOSURES: Monthly Report for <u>August 1975</u> Plant & Component Operability & Availability This Report to be used in preparing Gray Book by Plans & Operations. NUMBER OF COPIES REC'D: <u>1</u>			
PLANT NAME: Turkey Point # 3&4							

FOR ACTION/INFORMATION

SAB 9-12-75

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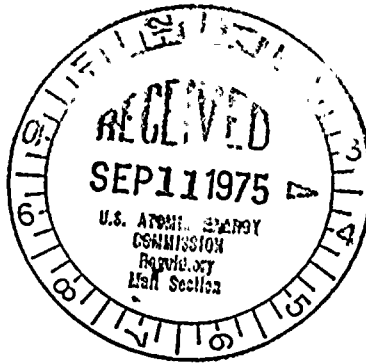
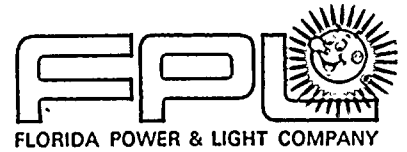
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Regulatory

File



September 9, 1975

Office of Management Information
and Program Controls
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Gentlemen:

Attached are the August, 1975 Operating Status Reports for
Turkey Point Units Nos. 3 and 4.

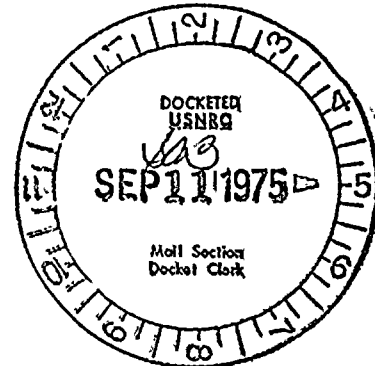
Very truly yours,

C. D. Woody

A. D. Schmidt
Vice President
Power Resources

VTC/dd
Attachments

cc: Mr. Norman C. Moseley
Jack R. Newman, Esquire



9690

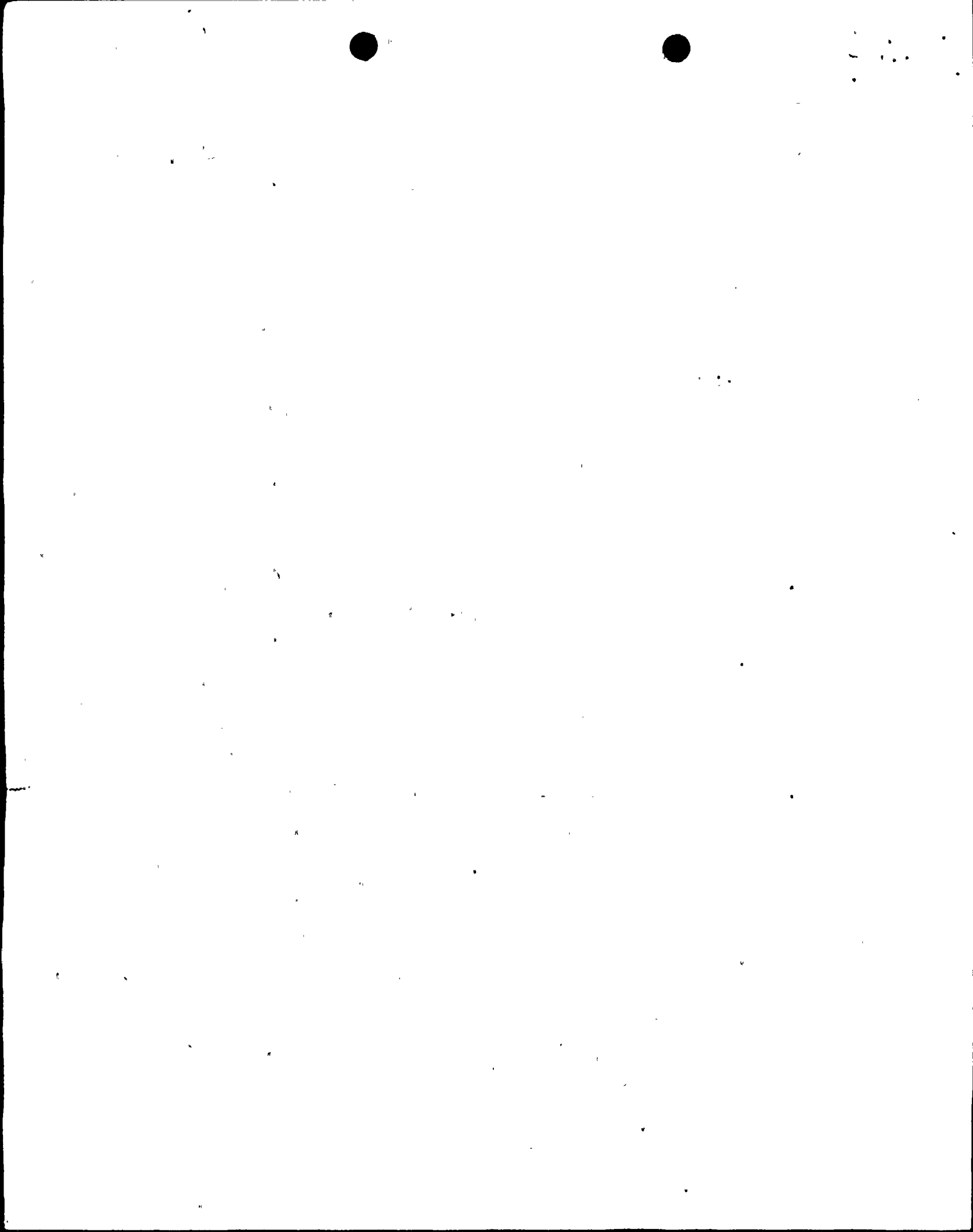
ENCLOSURE A

DOCKET NO. 50-250
 UNIT NAME TURKEY POINT UNIT NO. 3
 DATE September 5, 1975
 COMPLETED BY Marylee Montgomery
 TELEPHONE NO. (305) 245-2910 Ext. 228

DAILY UNIT POWER OUTPUTMONTH August, 1975

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>667</u>	20	<u>654</u>
2	<u>666</u>	21	<u>662</u>
3	<u>660</u>	22	<u>662</u>
4	<u>657</u>	23	<u>663</u>
5	<u>652</u>	24	<u>664</u>
6	<u>649</u>	25	<u>658</u>
7	<u>648</u>	26	<u>383</u>
8	<u>661</u>	27	<u>224</u>
9	<u>668</u>	28	<u>645</u>
10	<u>665</u>	29	<u>648</u>
11	<u>631</u>	30	<u>651</u>
12	<u>461</u>	31	<u>650</u>
13	<u>654</u>		
14	<u>657</u>		
15	<u>657</u>		
16	<u>659</u>		
17	<u>657</u>		
18	<u>657</u>		
19	<u>653</u>		

NOTE: Daily average power level greater than 666 MWe, due to cooler condenser cool-water.



UNIT NAME: TURKEY POINT UNIT No. 3DATE September 5, 1975COMPLETED BY Marylee MontgomeryTELEPHONE (305) 245-2910 EXT. 228

OPERATING STATUS

1. REPORTING PERIOD: 0001 75 08 01 THROUGH 2400 75 08 31
GROSS HOURS IN REPORTING PERIOD: 744.0
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt) 2200
MAX. DEPEND. CAPACITY (MWe NET) 666
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe NET) NONE
4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	<u>740.9</u>	<u>5 577.4</u>	<u>19 605.2</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
7. HOURS GENERATOR ON LINE	<u>733.0</u>	<u>5 476.3</u>	<u>18 894.6</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>-0-</u>	<u>-0-</u>	<u>85.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)....	<u>1 565 298</u>	<u>11 622 745</u>	<u>34 302 769</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH).....	<u>490 895</u>	<u>3 665 066</u>	<u>11 092 871</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)..	<u>466 603</u>	<u>3 509 475</u>	<u>10 490 640</u>
12. REACTOR AVAILABILITY FACTOR 1/.....	<u>99.6</u>	<u>95.7</u>	<u>81.6</u>
13. UNIT AVAILABILITY FACTOR 2/.....	<u>98.5</u>	<u>93.9</u>	<u>78.7</u>
14. UNIT CAPACITY FACTOR 3/.....	<u>94.2</u>	<u>90.4</u>	<u>67.0</u>
15. UNIT FORCED OUTAGE RATE 4/.....	<u>1.5</u>	<u>3.8</u>	<u>4.1</u>

16. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

Oct. 20 - Nov. 30, 1975 - Refueling, Maintenance and Inspections.

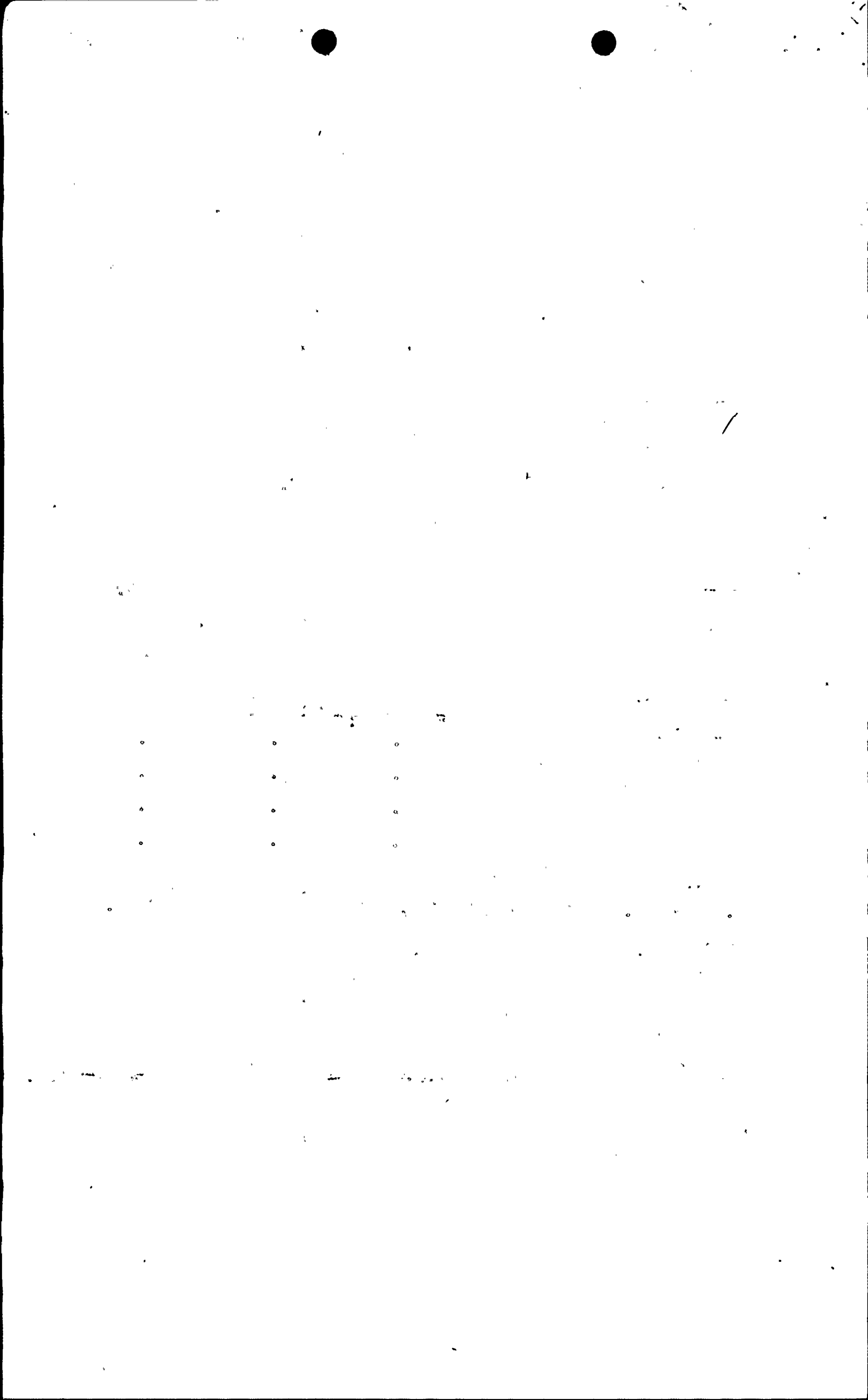
17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

$$1/ \text{ REACTOR AVAILABILITY FACTOR} = \frac{\text{HOURS REACTOR WAS CRITICAL} \times 100}{\text{GROSS HOURS IN REPORTING PERIOD}}$$

$$2/ \text{ UNIT AVAILABILITY FACTOR} = \frac{\text{HOURS GENERATOR ON LINE} \times 100}{\text{GROSS HOURS IN REPORT PERIOD}}$$

$$3/ \text{ UNIT CAPACITY FACTOR} = \frac{\text{NET ELECTRICAL POWER GENERATED} \times 100}{\text{MAX. DEPENDABLE CAPACITY} \times \text{GROSS HOURS IN REPORT PERIOD}}$$

$$4/ \text{ UNIT OUTAGE RATE} = \frac{\text{FORCED OUTAGE HOURS} \times 100}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}}$$



SUMMARY: Unit No. 3 operated at 100% R.P. for entire month except for load reduction on August 11, 1975, to repair condenser tube leak and reactor trips on August 26, 1975.

DOCKET NO. 50-250
 UNIT NAME TURKEY POINT UNIT NO. 3
 DATE SEPTEMBER 5, 1975
 PREPARED BY MARYLEE MONTGOMERY
 TELEPHONE (305) 245-2910 Ext. 228

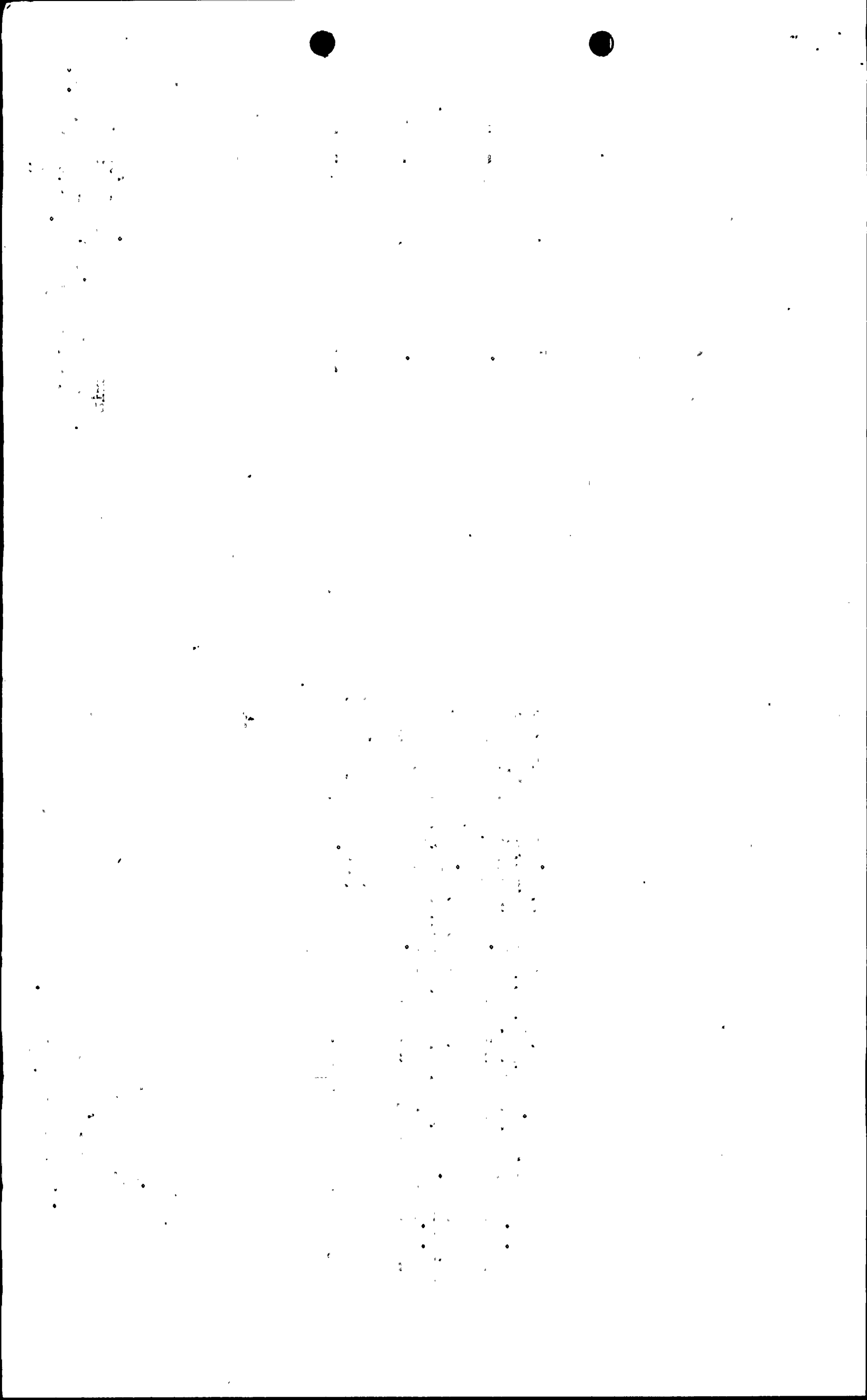
REPORT MONTH AUGUST, 1975

UNIT SHUTDOWNS / REDUCTIONS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON *	METHOD OF SHUTTING DOWN THE REACTOR **	COMMENTS
25	75-08-11	F	-0-	B	N/A	Load on Unit No. 3 was reduced to repair condenser tube leak (Non-nuclear system)
26	75-08-26	F	3.2	A	3	Reactor was tripped on No. 3C reactor coolant pump breaker open coincident with reactor power greater than 45% R.P. caused by incipient failure of a coil in Unit No. 3 reactor protection system. (Nuclear system)
27	75-08-26	F	7.8	A	3	Reactor was tripped on No. 3C reactor coolant pump breaker open coincident with reactor power greater than 45% R.P. caused by the failure of a coil in Unit No. 3 reactor protection system. (Nuclear system)

* REASON:
 A-EQUIPMENT FAILURE (EXPLAIN)
 B-MAINT. OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING AND
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
 G-OPERATIONAL ERROR
 H-OTHER (EXPLAIN)

** METHOD:
 1-MANUAL
 2-MANUAL SCRAM
 3-AUTOMATIC SCRAM



ENCLOSURE A

DOCKET NO. 50-251
 UNIT NAME TURKEY POINT UNIT NO. 4
 DATE SEPTEMBER 5, 1975
 COMPLETED BY MARYLEE MONTGOMERY
 TELEPHONE NO. (305) 245-2910 Ext. 228

DAILY UNIT POWER OUTPUT

MONTH AUGUST, 1975

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>.622</u>	20	<u>644</u>
2	<u>609</u>	21	<u>647</u>
3	<u>10</u>	22	<u>651</u>
4	<u>---</u>	23	<u>653</u>
5	<u>---</u>	24	<u>652</u>
6	<u>---</u>	25	<u>647</u>
7	<u>---</u>	26	<u>645</u>
8	<u>---</u>	27	<u>643</u>
9	<u>267</u>	28	<u>641</u>
10	<u>644</u>	29	<u>640</u>
11	<u>692</u>	30	<u>643</u>
12	<u>642</u>	31	<u>638</u>
13	<u>598</u>		
14	<u>644</u>		
15	<u>646</u>		
16	<u>649</u>		
17	<u>647</u>		
18	<u>642</u>		
19	<u>641</u>		

NOTE: Daily average power level greater than 666 MWe, due to cooler condenser cool-water.



Page 1

DOCKET NO. 50-251

UNIT NAME. TURKEY POINT UNIT NO. 4

REPORT MONTH AUGUST, 1975

DATE SEPTEMBER 5, 1975

COMPLETED BY MARYLEE MONTGOMERY

TELEPHONE (305) 245-2910 Ext. 228

OPERATING STATUS

- 1. REPORTING PERIOD: 0001, 75, 08, 01 THROUGH 2400, 75, 08, 31
GROSS HOURS IN REPORTING PERIOD: 744.0
- 2. CURRENTLY AUTHORIZED POWER LEVEL (MWt) 2200
MAX. DEPEND. CAPACITY (MWe NET) 666
- 3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe NET) None
- 4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	600.1	3 663.2	12 997.1
6. REACTOR RESERVE SHUTDOWN HOURS	-0-	-0-	-0-
7. HOURS GENERATOR ON LINE	590.4	3 561.7	12 619.5
8. UNIT RESERVE SHUTDOWN HOURS	-0-	-0-	-0-
9. GROSS THERMAL ENERGY GENERATED (MWH)....	1 282 111	7 550 826	25 903 036
10. GROSS ELECTRICAL ENERGY GENERATED (MWH).....	396 710	2 403 336	8 177 597
11. NET ELECTRICAL ENERGY GENERATED (MWH)..	376 310	2 277 006	7 746 062
12. REACTOR AVAILABILITY FACTOR 1/.....	80.7	62.8	74.8
13. UNIT AVAILABILITY FACTOR 2/.....	79.3	61.1	72.6
14. UNIT CAPACITY FACTOR 3/.....	75.9	58.6	68.2
15. UNIT FORCED OUTAGE RATE 4/.....	-0-	0.2	-4.0

16. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

Sept. 13-19, 1975 Scheduled Maintenance

17. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

1/ REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL} \times 100}{\text{GROSS HOURS IN REPORTING PERIOD}}$

2/ UNIT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON LINE} \times 100}{\text{GROSS HOURS IN REPORT PERIOD}}$

3/ UNIT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED} \times 100}{\text{MAX. DEPENDABLE CAPACITY} \times \text{GROSS HOURS IN REPORT PERIOD}}$

4/ UNIT OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS} \times 100}{\text{HOURS GENERATOR ON LINE} + \text{FORCED OUTAGE HOURS}}$



100 001

100 002

100 003

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100 004

100 005

100 006

SUMMARY: Unit No. 4 operated at 100% R.P. except for scheduled maintenance shutdown August 8-9, 1975 and a load reduction on August 12, 1975

DOCKET NO. 50-251
 UNIT NAME. TURKEY POINT UNIT NO. 4
 DATE SEPTEMBER 5, 1975
 PREPARED BY MARYLEE MONTGOMERY
 TELEPHONE (309) 245-2910 Ext. 228

REPORT MONTH AUGUST, 1975

UNIT SHUTDOWNS / REDUCTIONS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON *	METHOD OF SHUTTING DOWN THE REACTOR **	COMMENTS
11	75-08-03	S	153.7	B	1	Unit No. 4 was removed from service (controlled manual shutdown) to repair No. 4B steam generator tube leak (small leak in one of 3,260 tube). There were no significant quantities of radioactive material released as a result of this small leak. (Nuclear system)
12	75-08-12	F	-0-	A	N/A	Load on Unit No. 4 was automatically reduced to approximately 70% R.P. by No. 4 reactor protection system caused by loss of power supply to control rod drive mechanism H-4. (Nuclear system)

* REASON:
 A-EQUIPMENT FAILURE (EXPLAIN)
 B-MAINT. OR TEST
 C-REFUELING
 D-REGULATORY RESTRICTION
 E-OPERATOR TRAINING AND
 LICENSE EXAMINATION
 F-ADMINISTRATIVE
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