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FILE NUMBER
MONTHLY REPORT

TO:
N. R. C.

FROM:
FLORIDA POWER & LIGHT COMPANY
MIAMI, FLORIDA
A. D. SCHMIDT

DATE OF DOCUMENT
6/8/76

DATE RECEIVED
6/14/76

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DESCRIPTION
LETTER TRANS THE FOLLOWING:

ENCLOSURE
MONTHLY REPORT FOR MAY/76
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

PLANT NAME:

TURKEY POINT 3 & 4 (50-250/251) (1-P)
ST. LUCIE #1 (50-335)

(9-P)

ACKNOWLEDGED
DO NOT REMOVE

SAFETY

FOR ACTION/INFORMATION

ENVIRO 6/15/76

RJL

MIPC
W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

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LPDR: FT. PIERCE, FLA.
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EXTERNAL DISTRIBUTION

CONTROL NUMBER

6035



June 8, 1976

50-250/251/335

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

Gentlemen:

Attached are the May, 1976 Operating Status Reports for
Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit No. 1.

Very truly yours,

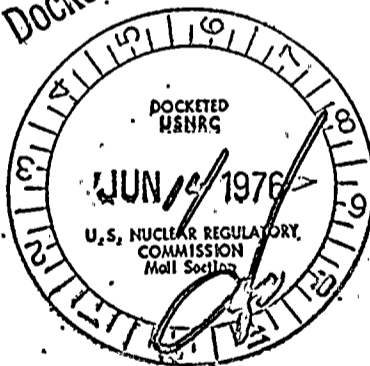
A. D. Schmidt
A. D. Schmidt
Vice President
Power Resources

VTC/pm
Attachments

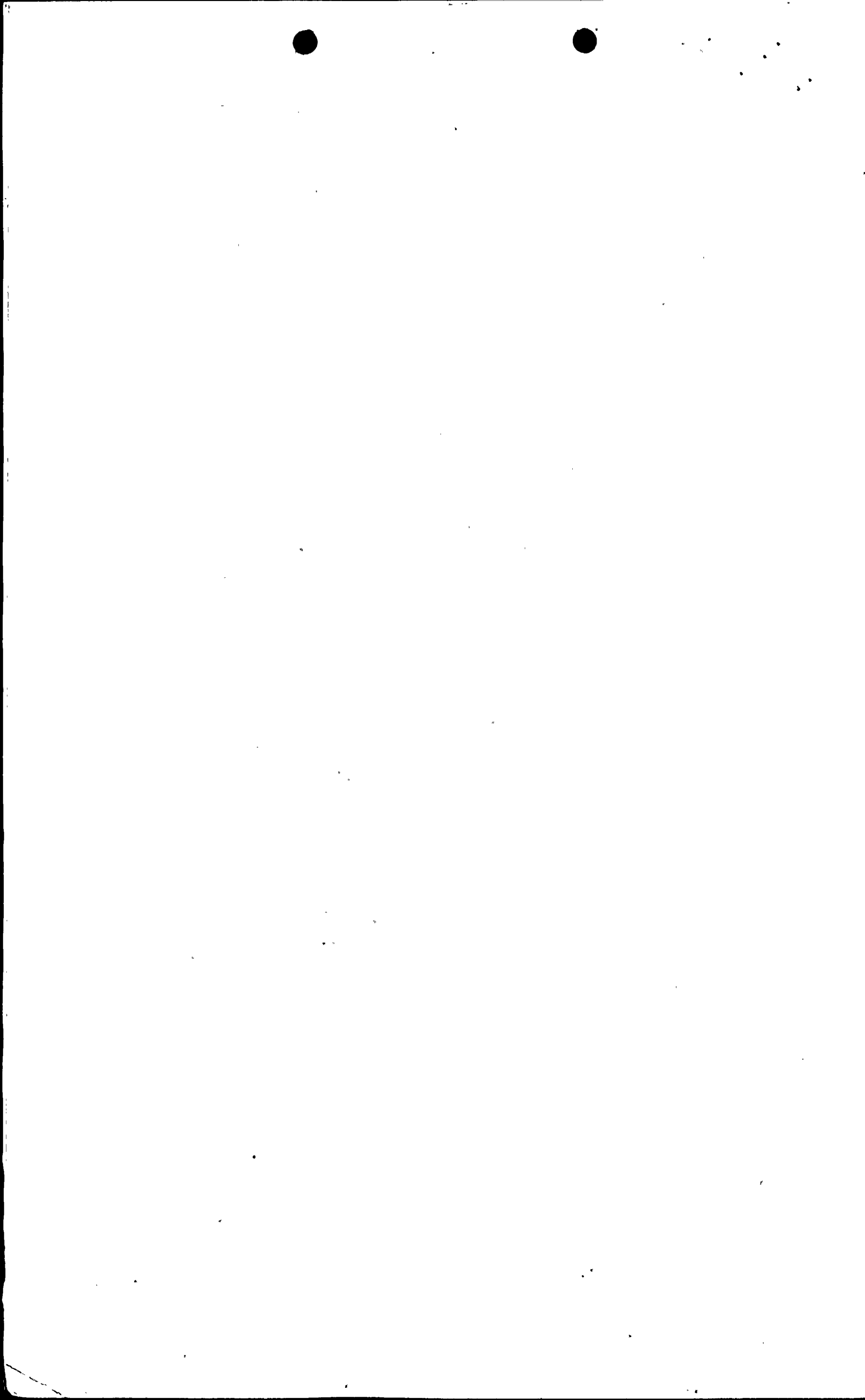
cc: Mr. Norman C. Moseley
Jack R. Newman, Esquire



Regulatory Docket File



6035



APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 250

UNIT Turkey Point Unit No. 3

RT MONTH May 1976

DATE June 4, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

RATING STATUS

REPORTING PERIOD: 0001,76,05,01 GROSS HOURS IN REPORTING PERIOD: 744.0

THROUGH 2400, 76, 05, 31

CURRENTLY AUTHORIZED POWER LEVEL (MWT): 2 200

MAX. DEPEND. CAPACITY (MWe-Net): 666

DESIGN ELECTRICAL RATING (MWe-Net): 693

POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE

REASONS FOR RESTRICTION (IF ANY):

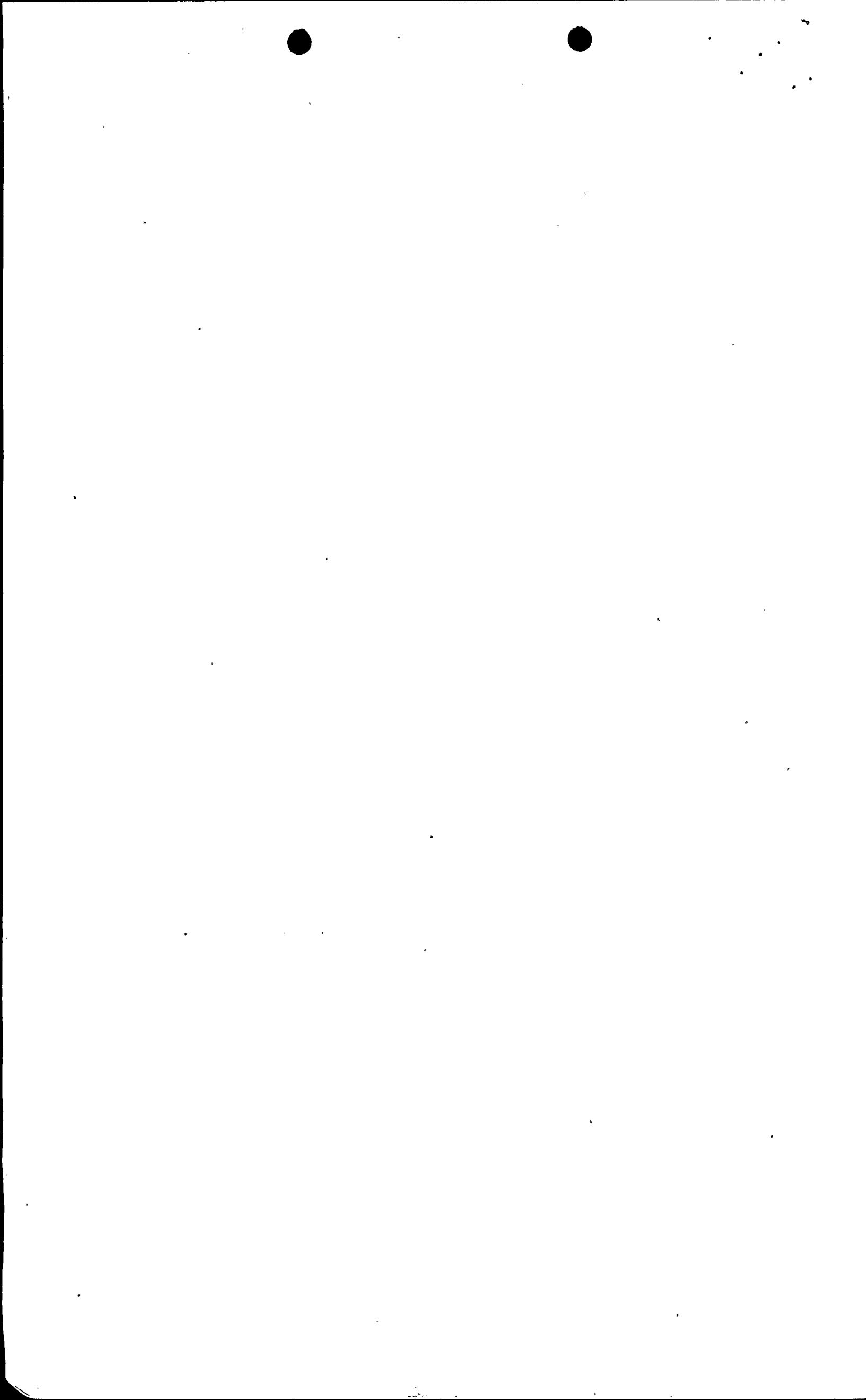
	THIS MONTH	YEAR TO DATE	CUMULATIVE
NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>600.9</u>	<u>3,244.3</u>	<u>24,524.4</u>
REACTOR RESERVE SHUTDOWN HOURS.....	<u>48.8</u>	<u>64.2</u>	<u>67.4</u>
HOURS GENERATOR ON LINE.....	<u>-585.1</u>	<u>3,185.9</u>	<u>23,555.9</u>
UNIT RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>85.0</u>
GROSS THERMAL ENERGY GENERATED (MWH).....	<u>1,277,770</u>	<u>6,865,643</u>	<u>44,177,903</u>
GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>402,390</u>	<u>2,195,760</u>	<u>14,210,996</u>
NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>381,156</u>	<u>2,084,882</u>	<u>13,440,644</u>
REACTOR SERVICE FACTOR.....	<u>80.8</u>	<u>89.0</u>	<u>80.1</u>
REACTOR AVAILABILITY FACTOR.....	<u>87.3</u>	<u>90.7</u>	<u>80.4</u>
UNIT SERVICE FACTOR.....	<u>78.6</u>	<u>87.4</u>	<u>77.0</u>
UNIT AVAILABILITY FACTOR.....	<u>78.6</u>	<u>87.4</u>	<u>77.3</u>
UNIT CAPACITY FACTOR (Using MDC).....	<u>76.9</u>	<u>85.8</u>	<u>67.1</u>
UNIT CAPACITY FACTOR (Using Design MWe)..	<u>73.9</u>	<u>82.5</u>	<u>63.4</u>
UNIT FORCED OUTAGE RATE.....	<u>-0-</u>	<u>0.2</u>	<u>3.3</u>

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

Refueling, Maintenance, and Inspections - October 4 through November 14, 1976

IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: June 3, 1976

UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250

UNIT Turkey Point Unit No. 3

DATE June 4, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

TH May 1976

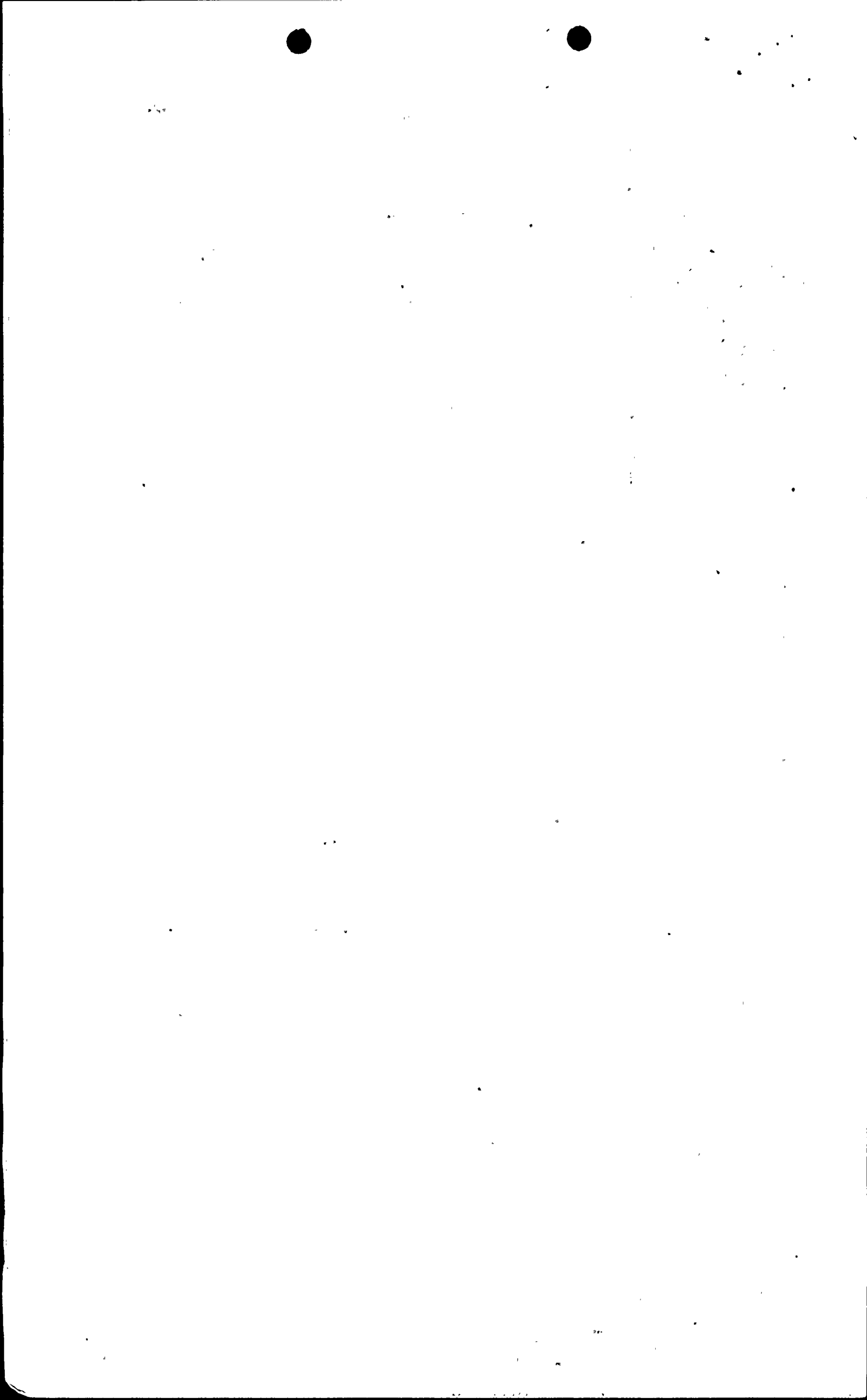
AVERAGE DAILY POWER LEVEL
(MWe-Net)

194
676
671
670
663
663
663
662
661
658
660
660
661
663

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	661
18	648
19	639
20	641
21	663
22	655
23	651
24	652
25	661
26	660
27	583
28	---
29	---
30	---
31	---

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



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 (EXPLAIN)
 H: OTHER (EXPLAIN)

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Turkey Point Unit No. 3

DATE June 7, 1976

COMPLETED BY V. T. Chilson

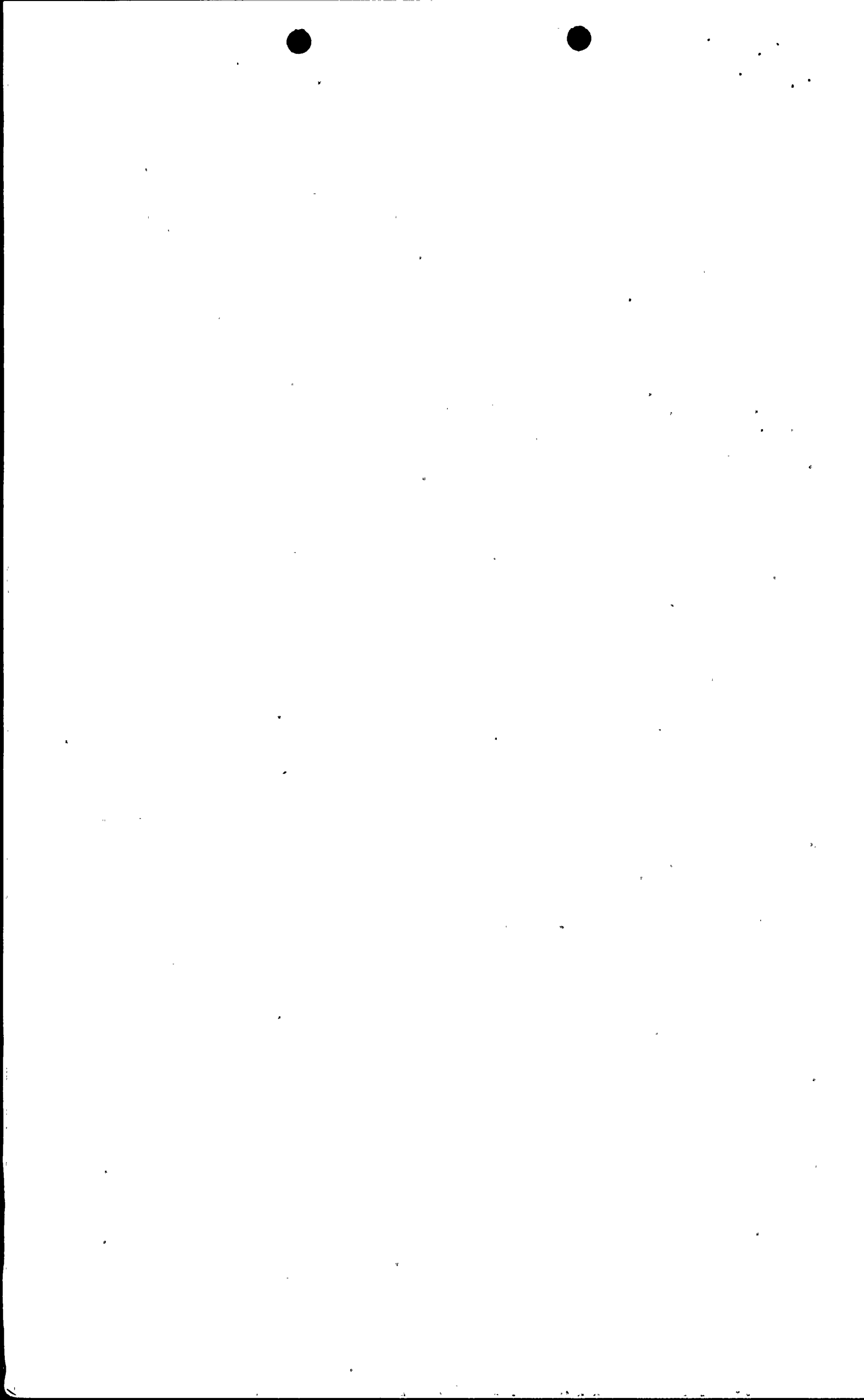
TELEPHONE (305) 552 - 3830

REPORT MONTH May 1976

METHOD
 1: MANUAL
 2: MANUAL SCRAM
 3: AUTOMATIC SCRAM
 4: OTHER (EXPLAIN)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
11	76-05-01	S	63.1	A	4	Unit No. 3 was removed from service to repair failed expansion bellows on turbine extraction steam line. (Non-Nuclear System)
12	76-05-28	S	95.8	A	1	Unit No. 3 was removed from service to locate and repair tube leak in steam generator No. 3A. There were no significant quantities of radioactive materials released as a result of this small leak. Corrective action was to plug the leaking tube. (Nuclear System)

SUMMARY: Unit No. 3 operated at approximately 100 % R.P. during month except for outages of May 1 and May 28, 1976.



APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

RT MONTH May 1976

DATE June 4, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

REPORTING PERIOD: 0001, 76, 05, 01 GROSS HOURS IN REPORTING PERIOD: 744.0
 THROUGH 2400, 76, 05, 31
 CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2 200
 MAX. DEPEND. CAPACITY (MWe-Net): 666
 DESIGN ELECTRICAL RATING (MWe-Net): 693

POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE

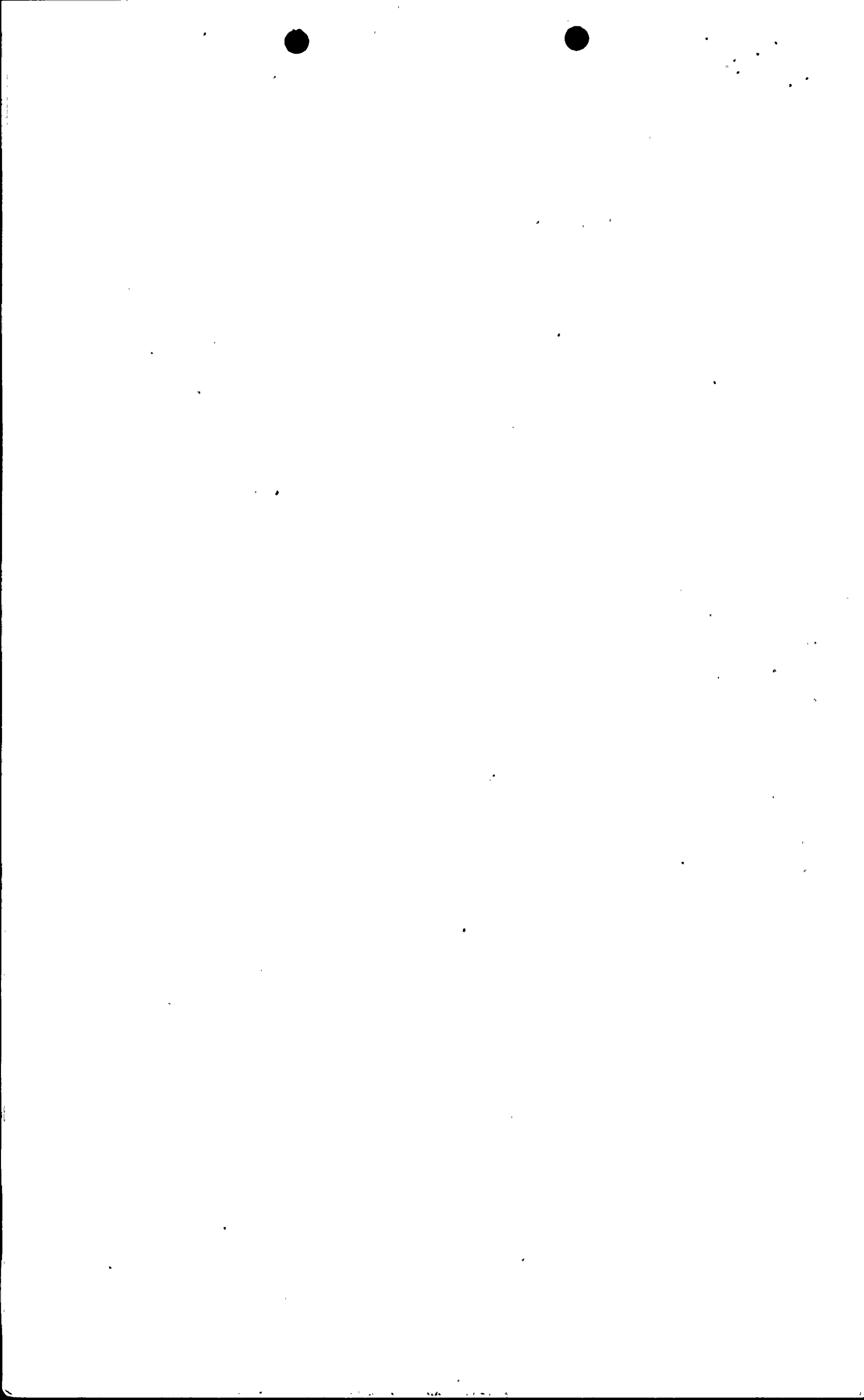
REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YEAR TO DATE	CUMULATIVE
NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>-0-</u>	<u>2,411.0</u>	<u>18,056.9</u>
REACTOR RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>117.1</u>
HOURS GENERATOR ON LINE.....	<u>-0-</u>	<u>2,370.5</u>	<u>17,084.2</u>
UNIT RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
GROSS THERMAL ENERGY GENERATED (MWH).....	<u>-0-</u>	<u>5,135,759</u>	<u>35,784,395</u>
GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	<u>-0-</u>	<u>1,661,601</u>	<u>11,640,678</u>
NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>- 1,283</u>	<u>1,578,997</u>	<u>11,037,627</u>
REACTOR SERVICE FACTOR.....	<u>-0-</u>	<u>66.1</u>	<u>74.3</u>
REACTOR AVAILABILITY FACTOR.....	<u>-0-</u>	<u>66.1</u>	<u>74.7</u>
UNIT SERVICE FACTOR.....	<u>-0-</u>	<u>65.0</u>	<u>70.3</u>
UNIT AVAILABILITY FACTOR.....	<u>-0-</u>	<u>65.0</u>	<u>70.3</u>
UNIT CAPACITY FACTOR (Using MDC).....	<u>-0-</u>	<u>65.0</u>	<u>69.0</u>
UNIT CAPACITY FACTOR (Using Design MWe) ..	<u>-0-</u>	<u>62.5</u>	<u>65.5</u>
UNIT FORCED OUTAGE RATE.....	<u>-0-</u>	<u>2.4</u>	<u>3.4</u>

SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 NONE

IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: June 10, 1976

UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

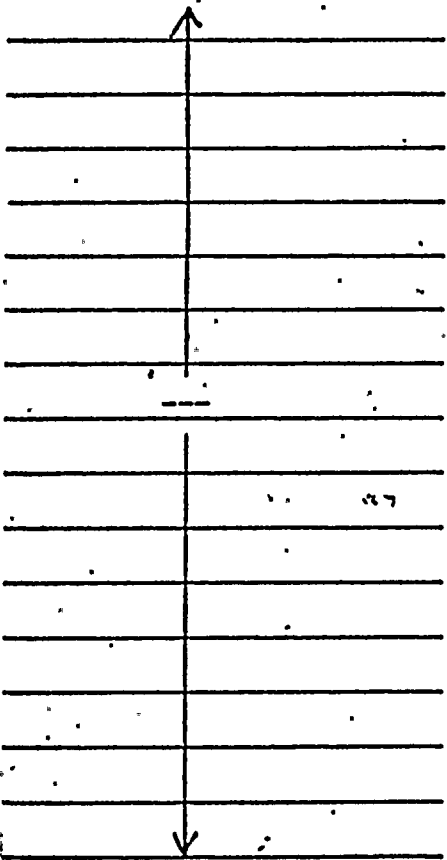
DATE June 4, 1976

COMPLETED BY V. T. Chilson

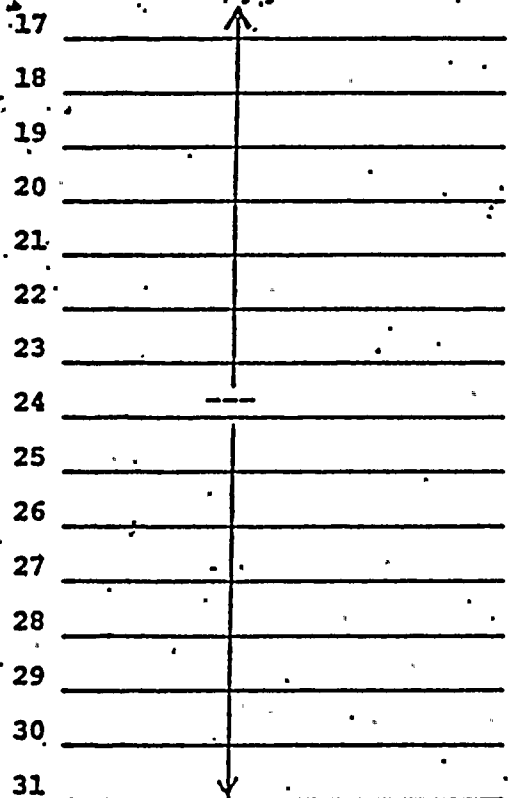
TELEPHONE (305) 552 - 3830

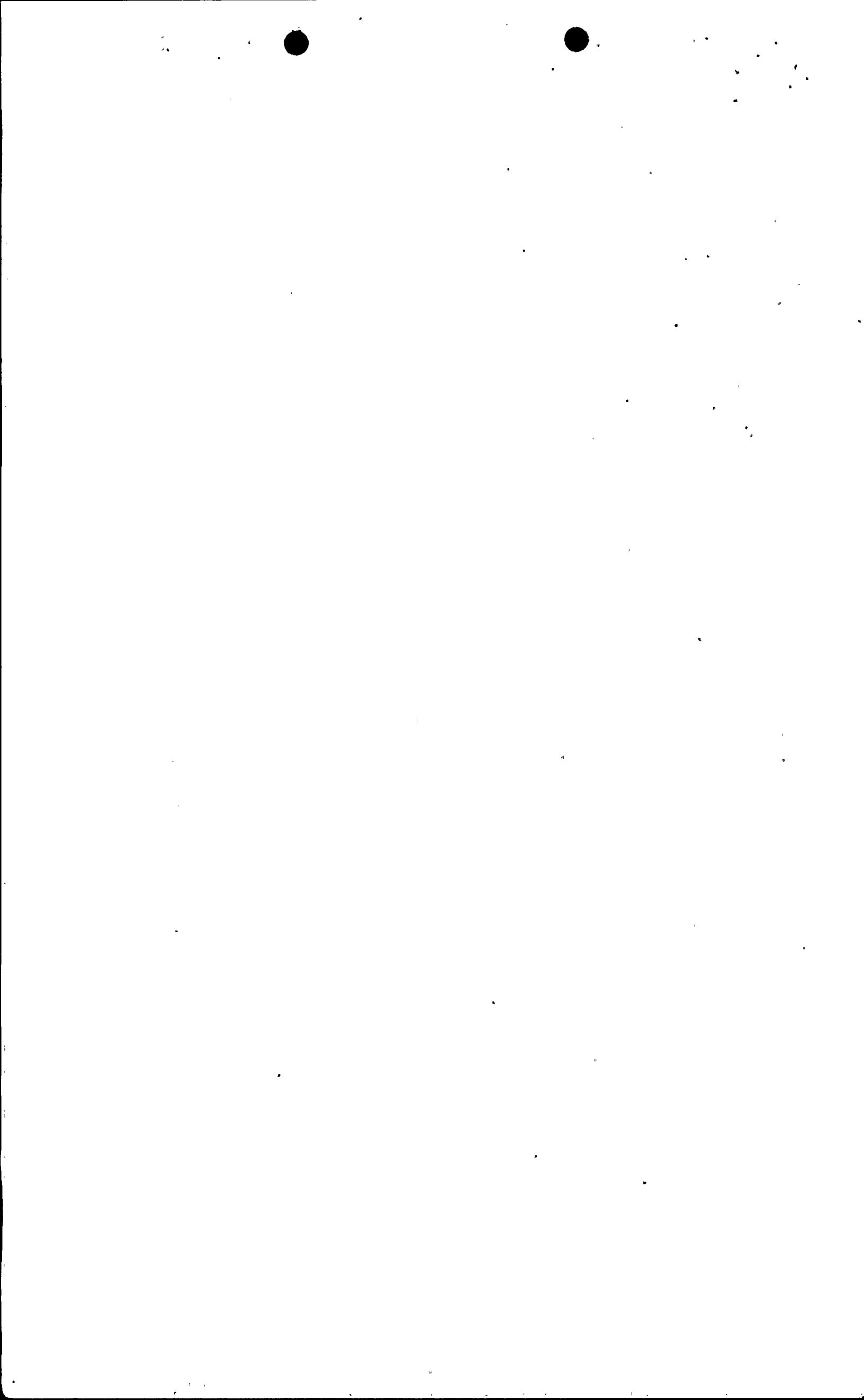
TH May 1976

AVERAGE DAILY POWER LEVEL
(MWe-Net)



DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)





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 (EXPLAIN)
 H: OTHER (EXPLAIN)

UNIT SHUTDOWNS AND POWER REDUCTIONS

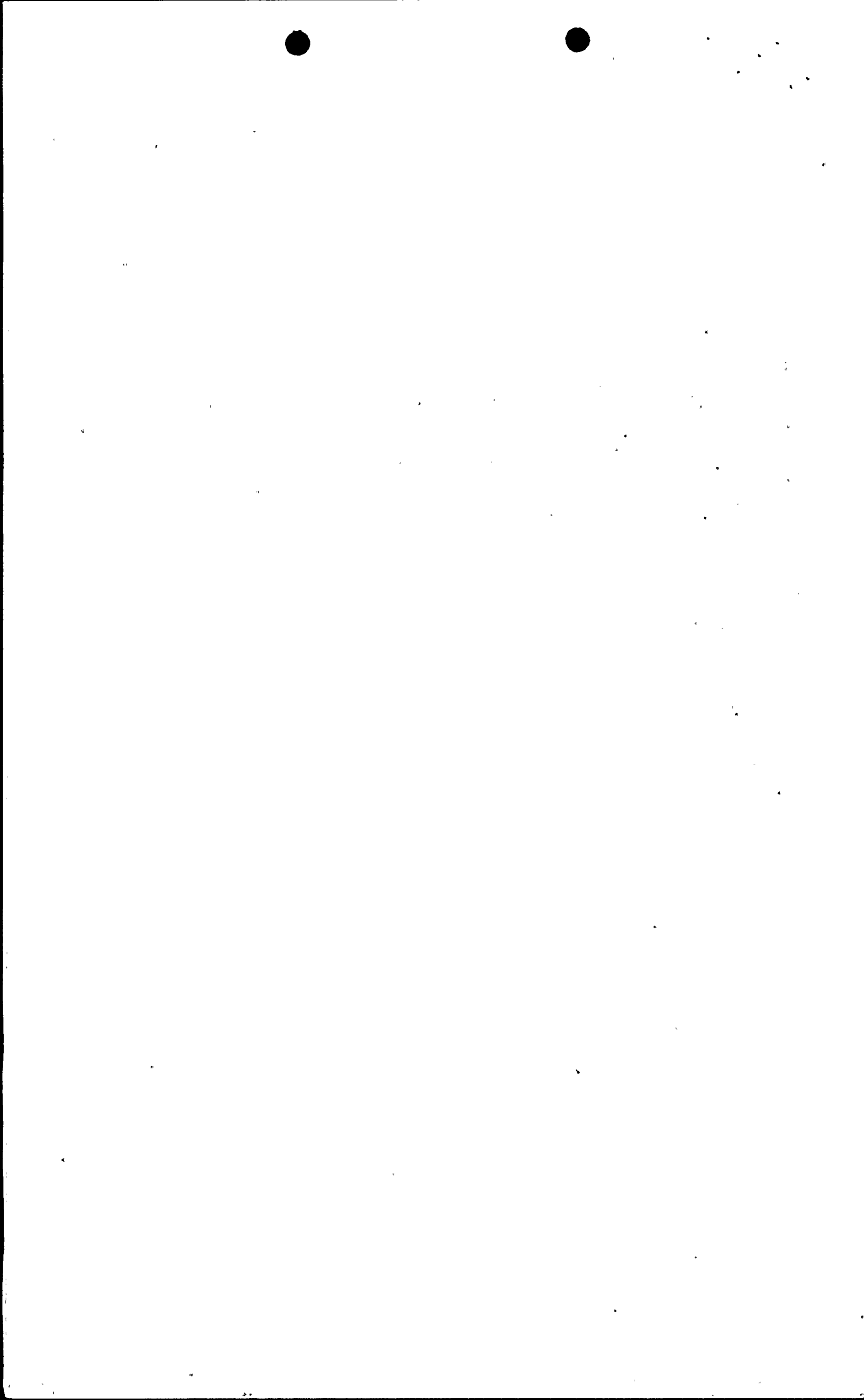
UNIT NAME Turkey Point Unit No. 4DATE June 7, 1976COMPLETED BY V. T. ChilsonTELEPHONE (305) 552 - 3830REPORT MONTH May 1976

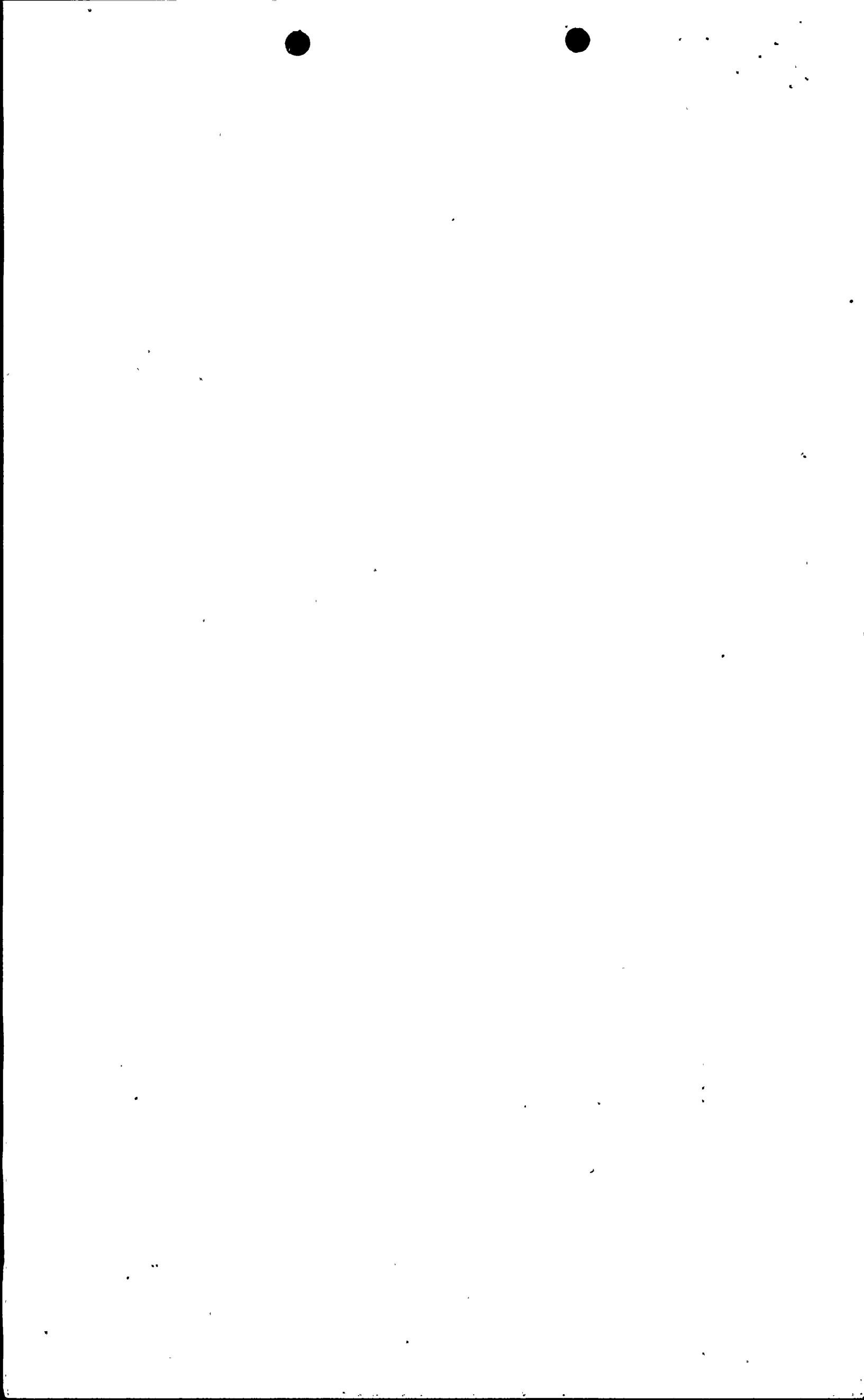
METHOD

- 1: MANUAL
 2: MANUAL SCRAM
 3: AUTOMATIC SCRAM
 4: OTHER (EXPLAIN)

NO.	DATE	TYPE		DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
10	76-04-18		S	744.0	C	1	Unit No. 4 was removed from service for scheduled refueling, maintenance, and inspections. (Nuclear and Non-Nuclear Systems)

SUMMARY: Unit No. 4 remained out of service during month for scheduled refueling, maintenance, and inspections.





APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

DATE June 4, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

TH May 1976

AVERAGE DAILY POWER LEVEL
(MWe-Net)

7 (1)
33
63
44
62
46
119
37
215

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	---
18	---
19	36
20	295
21	230
22	118
23	324
24	328
25	333
26	330
27	330
28	327
29	328
30	331
31	331

(1) NOTE: Initial power generation
at 8:48 p.m. May 7, 1976

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME St. Lucie Unit No. 1

DATE June 7 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

REPORT MONTH May 1976

- ASON
- EQUIPMENT FAILURE (EXPLAIN)
- MAINT. OR TEST
- REFUELING
- REGULATORY RESTRICTION
- OPERATOR TRAINING AND
- LICENSE EXAMINATION
- ADMINISTRATIVE
- OPERATIONAL ERROR (EXPLAIN)
- OTHER (EXPLAIN)

- THOD
- MANUAL
- MANUAL SCRAM
- AUTOMATIC SCRAM
- OTHER (EXPLAIN)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
						N.A. - Unit in Test Status

SUMMARY: Unit No. 1 initial power generation at 8:48 p.m. May 7, 1976. Unit power ascension test program in progress.

