

James A. FitzPatrick  
Nuclear Power Plant  
P.O. Box 41  
Lycoming, New York 13093  
315 342-3840



June 13, 1991  
JAFP-91-0358

William Fernandez II  
Resident Manager

U.S. Nuclear Regulatory Commission  
Mail Station P1-137  
Washington, D.C. 20555

Attention: Document Control Desk

SUBJECT: OPERATING STATUS REPORT

Reference: DOCKET NO. 50-333

Dear Sir:

Enclosed please find the James A. FitzPatrick Nuclear Power Plant Operating Status Report for the month of May 1991.

If there are any questions concerning this report, please contact John Cook at (315) 349-6591.

Very truly yours,

  
WILLIAM FERNANDEZ

WF:JPC:ls  
Enclosures

CC: JAF Department Heads  
White Plains Office  
TS File  
DCC

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R PDR

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NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
OPERATING DATA REPORT

DOCKET NO.: 50-333  
UNIT NAME: FITZPATRICK  
DATE: JUNE 1991  
COMPLETED BY: JOHN COOK  
TELEPHONE: (315)349-6591

OPERATING STATUS

1. Unit Name: FITZPATRICK
2. Reporting Period: 910501 - 910531
3. Licensed Thermal Power (MWT): 2436
4. Nameplate Rating (Gross MWE): 883
5. Design Electrical Rating (Net MWE): 816
6. Maximum Dependable Capacity (Gross MWE) 807
7. Maximum Dependable Capacity (Net MWE) 780

NOTES:

8. If changes occur in capacity ratings (Items 3-7) since last report, give reasons:

9. Power level to which restricted, if any (Net MWE):

10. Reasons for restrictions, if any:

|  | THIS MONTH | YR-TO-DATE | CUMULATIVE  |
|--|------------|------------|-------------|
| 11. Hours in Reporting Period:               | 744.0      | 3623.0     | 136389.0    |
| 12. Number of Hours Reactor was Critical:    | 162.3      | 2220.4     | 102376.6    |
| 13. Reactor Reserve Shutdown Hours:          | 0          | 0          | 0           |
| 14. Hours Generator On-Line:                 | 161.8      | 2122.4     | 99316.9     |
| 15. Unit Reserve Shutdown Hours:             | 0          | 0          | 0           |
| 16. Gross Thermal Energy Generated (MWH):    | 386280.0   | 4698672.0  | 218284022.0 |
| 17. Gross Electrical Energy Generated (MWH): | 131580.0   | 1589490.0  | 74410710.0  |
| 18. Net Electrical Energy Generated (MWH):   | 126985.0   | 1529080.0  | 71421695.0  |
| 19. Unit Service Factor:                     | 21.7       | 58.6       | 71.5        |
| 20. Unit Availability Factor:                | 21.7       | 58.6       | 71.5        |
| 21. Unit Capacity Factor (using MDC Net):    | 21.9       | 54.1       | 66.3        |
| 22. Unit Capacity Factor (using DER Net):    | 20.9       | 51.7       | 63.0        |
| 23. Unit Forced Outage Rate:                 | 78.3       | 37.3       | 10.9        |

24. Shutdowns scheduled over next 6 months (type, date, and duration of each):  
Refuel outage scheduled to commence January 4, 1992 lasting approximately 70 days.

5. If shutdown at end of report period, estimated date of startup: JUNE 30, 1991

26. Units in Test Status (prior to commercial operation):

|                      |          |
|----------------------|----------|
| FORECAST             | ACHIEVED |
| Initial Criticality  |          |
| Initial Electricity  |          |
| Commercial Operation |          |

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
AVERAGE DAILY UNIT POWER LEVEL

REPORT MONTH: MAY 1991

DOCKET NO.: 50-333  
UNIT NAME: FITZPATRICK  
DATE: JUNE 1991  
COMPLETED BY: JOHN COOK  
TELEPHONE: (315)349-6591

| DAY | AVERAGE DAILY POWER LEVEL | DAY | AVERAGE DAILY POWER LEVEL |
|-----|---------------------------|-----|---------------------------|
| 1   | 801                       | 17  | 0                         |
| 2   | 800                       | 18  | 0                         |
| 3   | 801                       | 19  | 0                         |
| 4   | 800                       | 20  | 0                         |
| 5   | 800                       | 21  | 0                         |
| 6   | 802                       | 22  | 0                         |
| 7   | 484                       | 23  | 0                         |
| 8   | 0                         | 24  | 0                         |
| 9   | 0                         | 25  | 0                         |
| 10  | 0                         | 26  | 0                         |
| 11  | 0                         | 27  | 0                         |
| 12  | 0                         | 28  | 0                         |
| 13  | 0                         | 29  | 0                         |
| 14  | 0                         | 30  | 0                         |
| 15  | 0                         | 31  | 0                         |
| 16  | 0                         |     |                           |

SUMMARY: The FitzPatrick Plant shut down on May 7, 1991 to repair two Primary Containment Isolation Valves.

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
UNIT SHUTDOWNS REPORT

REPORT MONTH: MAY 1991

DOCKET NO.: 50-333  
UNIT NAME: FITZPATRICK  
DATE: JUNE 1991  
COMPLETED BY: JOHN COOK  
TELEPHONE: (315)349-6591

| NO. | DATE   | TYPE | D<br>U<br>H<br>R<br>O<br>A<br>U<br>T<br>R<br>I<br>S<br>O<br>N | R<br>E<br>A<br>S<br>O<br>N | METHOD<br>OF<br>SHUTTING<br>DOWN<br>THE<br>REACTOR | LICENSEE<br>EVENT<br>REPORT | S<br>Y<br>C<br>S<br>O<br>T<br>D<br>E<br>E<br>M | C<br>O<br>M<br>C<br>P<br>O<br>D<br>N<br>E<br>N<br>T | CAUSE AND CORRECTIVE ACTION<br>TO PREVENT RECURRENCE        |
|-----|--------|------|---|----------------------------|--|-----------------------------|--|---|---|
| 4   | 910507 | F    | 582.2   | A                          | 1  | 91-006                      | B0   | 84  | S/D TO REPAIR LPCI PRIMARY CONTAINMENT<br>ISOLATION VALVES. |

- 1  
F: FORCED  
S: SCHEDULED
- 2  
REASON:  
A. EQUIPMENT FAILURE (EXPLAIN)  
B. MAINTENANCE OR TEST  
C. REFUELING  
D. REGULATORY RESTRICTION  
E. OPERATOR TRAINING AND LICENSE EXAMINATION  
F. ADMINISTRATIVE  
G. OPERATIONAL ERROR (EXPLAIN)  
H. OTHER (EXPLAIN)

- 3  
METHOD:  
1. MANUAL  
2. MANUAL SCRAM  
3. AUTOMATIC SCRAM  
4. CONTINUED  
5. REDUCED LOAD  
9. OTHER

- 4  
EXHIBIT G - INSTRUCTIONS  
FOR PREPARATION OF DATA ENTRY  
SHEETS FOR LICENSEE EVENT  
REPORT (LER) FILE (NUREG-0161)

NEW YORK POWER AUTHORITY  
JAMES A. FITZPATRICK NUCLEAR POWER PLANT  
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

REPORT MONTH: MAY 1991

DOCKET NO.: 50-333  
UNIT NAME: FITZPATRICK  
DATE: JUNE 1991  
COMPLETED BY: JOHN COOK  
TELEPHONE: (315)349-6591

The FitzPatrick Plant was forced to shutdown on May 8, 1991 when two Low Pressure Coolant Injection containment isolation valves failed to operate as required. The unit remains shutdown at the end of the reporting period.

The major safety-related maintenance activities for the month included:

- Performed scheduled surveillance testing of safety-related area unit coolers.
- Performed scheduled surveillance testing of safety-related instrumentation.
- Performed corrective maintenance activities on two Low Pressure Coolant Injection Primary Containment Isolation valves.