

OPERATING DATA REPORT

DOCKET NO. 50-333
 DATE Nov. 1979
 COMPLETED BY E. Zufelt
 TELEPHONE (315) 342-3840

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 791001 - 791031
3. Licensed Thermal Power (MWt): 2436
4. Nameplate Rating (Gross MWe): 883
5. Design Electrical Rating (Net MWe): 821
6. Maximum Dependable Capacity (Gross MWe): 830
7. Maximum Dependable Capacity (Net MWe): 800
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
None

Notes

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7296	37369
12. Number Of Hours Reactor Was Critical	745	3167.4	25229.6
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	745	3067.9	24355
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1661462	6079694	48293842
17. Gross Electrical Energy Generated (MWH)	570610	2062720	16357590
18. Net Electrical Energy Generated (MWH)	553620	1999585	15825570
19. Unit Service Factor	100.0%	42.0%	65.2%
20. Unit Availability Factor	100.0%	42.0%	65.2%
21. Unit Capacity Factor (Using MDC Net)	92.9%	34.3%	58.8%
22. Unit Capacity Factor (Using DER Net)	90.5%	33.4%	51.6%
23. Unit Forced Outage Rate	0.0%	58.0%	21.8%

24. Shutdowns Scheduled Over Next Months (Type, Date, and Duration of Each):
Snubber inspection and refueling outage scheduled for March 1980

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast Achieved

1307 090

7911090 426

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333
UNIT JAFNPP
DATE Nov. 1979
COMPLETED BY E. Zufelt
TELEPHONE (315) 342-3840

MONTH October 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>721</u>
2	<u>735</u>
3	<u>787</u>
4	<u>778</u>
5	<u>759</u>
6	<u>660</u>
7	<u>765</u>
8	<u>783</u>
9	<u>777</u>
10	<u>798</u>
11	<u>805</u>
12	<u>802</u>
13	<u>803</u>
14	<u>806</u>
15	<u>808</u>
16	<u>808</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>808</u>
18	<u>807</u>
19	<u>802</u>
20	<u>802</u>
21	<u>808</u>
22	<u>806</u>
23	<u>808</u>
24	<u>809</u>
25	<u>812</u>
26	<u>768</u>
27	<u>420</u>
28	<u>404</u>
29	<u>490</u>
30	<u>658</u>
31	<u>658</u>

SUMMARY: Unit averaged 95% of rated output for this reporting period.

Reduced power on October 26, 1979 to perform control rod sequence exchange.

1707 091

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1979

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE November 1979
 COMPLETED BY E. Zufelt
 TELEPHONE (315) 342-3840

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
7	791026	5	0	H	4	N/A	N/A	N/A	Reduced power to perform control rod sequence exchange

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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-Other (Explain)

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

5
 Exhibit I - Same Source

1797 092

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

NARRATIVE SUMMARY OF OPERATING EXPERIENCE

OCTOBER 1979

The unit averaged 95% of the rated thermal power for the entire reporting period. Power was reduced on October 26, 1979 to perform a rod sequence exchange.

1707 093

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
23 Sep	10	3168 PCV-69A	OPS	Dual position indication for valve 10-PCV-69A caused by misalignment of position switch actuator	Aligned switch actuator	4
25 Sep	23	2756 H23-23	Visual	Enlarged clearances	Installed shim to reduce clearances	97½
25 Sep	46	2059 Detail "B"	Visual	Shock III overstress	Modified Detail "B"	72
8 Sep	23	3050 Gov. Valve Position Switch	ST	Binding in position switch actuating cable	Replaced position switch and switch actuating cable	2
26 Sep	10	1942 H10-84B	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-84B	125
26 Sep	10	2068 H10-48A	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-48A	184½
27 Sep	10	2066 H10-42	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-42	179 3/4

1777 094

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
2 Oct	10	2065 H10-487	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-487	297½
2 Oct	14	2721 H14-46	Visual	NRC Bulletin 79-02 Inspection	Repaired H14-46	678½
3 Oct	10	2070 H10-484	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-484	169
1 Oct	10	1936 H10-43	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-43	62
4 Oct	71	1818 INV-3B	Visual/ST	Slight drift of solid state logic	Adjusted charger output	1
2 Oct	46	2063 H46-188	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-188	223½
3 Oct	10	2048 H10-212	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-212	8
2 Oct	46	1817 H46-281	Visual	NRC Bulletin 79-02 Inspection	Modified H46-281	385

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4 Oct	10	1941 PFSK-816	Visual	NRC Bulletin 79-02 Inspection	Repaired PFSK-816	50 3/4
4 Oct	66	3239 UC-22 A-K	Visual	Filters dirty	Replaced filters	5
5 Oct	10	2039 H10-503	Visual	NRC Bulletin 79-02 Inspection	Modified H10-503	20 1/2
5 Oct	10	2049 H10-607	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-607	16
8 Oct	46	2057 H46-171B	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-171B	168
7 Oct	15	2047 H15-124	Visual	NRC Bulletin 79-02 Inspection	Modified H15-124	485
8 Oct	10	2060 H10-6	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-6	74 1/2
8 Oct	15	2036 H15-7	Visual	NRC Bulletin 79-02 Inspection	Modified H15-7	231 1/2

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
4 Sep	10	1423 H10-38	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-38	3701 $\frac{1}{4}$
12 Oct	10	2041 H10-478	Visual	NRC Bulletin 79-02 Inspection	Modified H10-478	233 $\frac{3}{4}$
16 Oct	19	2798 H19-228	Visual	NRC Bulletin 79-02 Inspection	Modified H19-228	62
16 Oct	10	2801 PFSK-726	Visual	Shock III analysis	Removed PFSK-726	12 $\frac{1}{2}$
16 Oct	10	2802 PFSK-725	Visual	Shock III analysis	Removed PFSK-725	14 $\frac{1}{2}$
16 Oct	10	2803 PFSK-723	Visual	Shock III analysis	Removed PFSK-723	11 $\frac{1}{2}$
18 Oct	10	3481 MOV-13C	OPS	Valve operator open limit switch was out of adjust- ment	Adjusted valve operator open limit switch to limit valve travel before valve reached backseat. Also performed PM on valve operator.	14

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
20 Oct	10	4017 MOV-13C & P-3C	OPS	During previous maintenance (WRED 10/3481) suction valve open limit switch was adjusted. Auxiliary open limit switch for pump trip was not readjusted as it should have been.	Auxiliary open limit for tripping P-3C if suction valve is closed was correctly adjusted. Maintenance personnel were advised of the necessity to check all valve operator position rotors when adjusting single rotors	4
19 Oct	10	2022 H10-466	Visual	Shock III analysis	Modified H10-466	50½
21 Oct	10	2026 PFSK-727	Visual	Shock III analysis	Modified PFSK-727	160¼
21 Oct	10	2028 H10-468	Visual	Shock III analysis	Modified H10-468	285½
18 Oct	10	2029 H10-86CN	Visual	Shock III analysis	Modified H10-86CN	102 3/4
18 Oct	10	2804 H10-462	Visual	Shock III analysis	Removed H10-462	10
21 Oct	10	2808 H10-140	Visual	Shock III analysis	Modified H10-140	297½

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Safety Related Electrical & Mechanical Maintenance Summary

DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
18 Oct	71	3432 BAT-3B	ST	Low ICV on battery pilot cell	Performed quarterly ST-16F on entire battery and put on equalize charge	24
24 Oct	76	4027 T1B	OPS	None. Fire alarm circuit for main transformer alarmed due to sun and load heat from transformer	Reset alarm circuit. Sun shields were previously installed but under certain conditions of ambient temperature and loading, a detector still alarms	8
24 Oct	66	2834 H66-62	Visual	Shock III analysis	Removed H66-62	3
24 Oct	10	2062 H10-32A	Visual	Shock III analysis	Modified H10-32A	2841½
25 Oct	46	2800 H46-2 & 3	Visual	Shock III analysis	Modified H46-2&3	315½
25 Oct	46	2806 H46-1	Visual	Shock III analysis	Modified H46-1	209¼
26 Oct	76	2818 H76-61	Visual	Shock III analysis	Modified H76-61	40

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DATE	SYSTEM	WORK REQUEST # COMPONENT #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
26 Oct	46	2799 H46-267AN	Visual	Shock III analysis	Modified H46-267AN	367 3/4
25 Oct	10	2809 H10-175N	Visual	Shock III analysis	Modified H10-175N	137

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JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

October 1979 - I&C

Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
10-3-79	02	<u>2795</u> LIS-72A	I&C	DRIFT	OUT OF TOLERANCE	RECAL F-ISP-3-2	20.0
10-20-79	02-3	<u>2692</u> LT-201 A/B/C	OPS	UNKNOWN	DIFFERENCE IN READINGS	PREFORMED ISP 29-1 /29-2 FOUND OK	10.0
10-22-79	03	<u>2696</u> RPI LIGHTS	OPS	BROKEN CLIP	LAMP WILL NOT STAY IN SOCKET	REPLACED	6.0
10-23-79	03	<u>3022</u> ROD 30-47	OPS	LAMP UNIT BROKEN	POOR INDICATION	REPLACED	6.0
10-23-79	03	<u>3416</u> ROD 18-07	OPS	UNKNOWN	DOUBLE INDICATION	FOUND OK	4.0
10-23-79	03	<u>4016</u> RPI #4 LITE	OPS	BROKEN CLIP	NO INDICATION	REPLACED	2.0
10-4-79	07	<u>3341</u> "F" APRM	OPS	UNKNOWN	ALARM BUT NO HALF SCRAM	IMP 7.6	6.0
10-5-79	07	<u>3369</u> "A" RBM	OPS	UNKNOWN	INOPERABLE	FOUND SAT.	1.0
10-9-79	07	<u>3389</u> "A" APRM	OPS	UNKNOWN	ALARM BUT NO HALF SCRAM	IMP 7.6	10.0
10-17-79	07	<u>3374</u> 15 VOLT REG.	I&C	FAILED TRANSISTOR	LOW OUTPUT	REPAIRED	20.0
10-9-79	07	<u>3420</u> "A"- "D" APRM	OPS	DRIFT	FAILED ST-5Q	IMP 7.6	9.0
10-10-79	10	<u>3350</u> LS-100	OPS	UNKNOWN	FAILED ST	FOUND SAT.	14.0

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JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

October 1979 - I&C

Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
10-12-79	11	<u>288t</u> TS-50	I&C	AGE / USE	DOES NOT RESPOND	REPLACED PERFORMED F-ISP-82-1	24.0
10-4-79	20	<u>3295</u> P-1A/1B	OPS	DRIFT	NO AUTO START	RE-CAL	32.0
10-17-79	76	<u>3366</u> CP-107B	OPS	BURNED OUT LIGHT BULB	FAILED ST	REPLACED BULB	13.0
10-10-79	99	<u>2735/3388</u> COMPUTER	SEC	UNKNOWN	COMPUTER CRASHED	RE-PROGRAMED	20.0
10-10-79	99	<u>2736</u> IAC-122/123	SEC	AMPLIFIER FAILURE	NO RESET	REPAIRED	10.0
10-23-79	99	<u>3214</u> X-RAY	I&C	DESIGN	FOREIGN MATERIAL FALLING INTO ELECTRONICS	COVERED OPENING	2.0

1777 102