

OPERATING DATA REPORT

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

OPERATING STATUS

1. Unit Name: FitzPatrick
2. Reporting Period: 790801 - 790831
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: Plant in cold shutdown condition in accordance with NRC "Show Cause" order of March 13, 1979.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5831</u>	<u>35904</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1767.3</u>	<u>23829.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1767.3</u>	<u>23054.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>3626160</u>	<u>45840308</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1235720</u>	<u>15530590</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1198435</u>	<u>15024420</u>
19. Unit Service Factor	<u>0</u>	<u>30.3%</u>	<u>64.2%</u>
20. Unit Availability Factor	<u>0</u>	<u>30.3%</u>	<u>64.2%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>25.7%</u>	<u>58.3%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>25.0%</u>	<u>51.0%</u>
23. Unit Forced Outage Rate	<u>100%</u>	<u>69.7%</u>	<u>22.3%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 5, 1979

26. 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>

935095

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AVERAGE DAILY UNIT POWER LEVEL

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

MONTH August 1979

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

SUMMARY: Unit remains in cold shutdown condition in accordance with the NRC "Show Cause" order of March 13, 1979.

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1979

DOCKET NO. 50-333
 UNIT NAME JAFNPP
 DATE Sept. 1979
 COMPLETED BY E. Zufelt
 TELEPHONE (315) 342-3940

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
5	790315	F	744	D	4	79-014	ZZ	ZZZZZZ	Continuing re-evaluation of stress calculations and making modifications as required. (Cumulative hours to date - 4063.7)

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-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

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 160086

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
24 Jul	23	1385 H23-94	Visual	Anchor bolt loose	Repaired H23-94	33½
21 Jul	76	1796 P-2	ST	Dirty contactor contacts	Cleaned and performed PM on motor controller	3
13 Jul	23	1781 H23-39	Visual	NRC Bulletin 79-02 Inspection	Repaired H23-39	70
25 Jul	10	1532 H10-514	Visual	NRC Bulletin 79-02 Inspection	Modified H10-514	361½
24 Jul	12	1906 PFSK-1039	Visual	NRC Bulletin 79-02 Inspection	Repaired PFSK-1039	200 3/4
25 Jul	12	2245 H12-87	Visual	NRC Bulletin 79-02 Inspection	Repaired H12-87	146
25 Jul	10	1778 H10-204	Visual	NRC Bulletin 79-02 Inspection	Modified H10-204	229
25 Jul	23	1384 H23-45	Visual	Anchor bolt loose	Repaired H23-45	51½
26 Jul	66	1539 H66-39	Visual	NRC Bulletin 79-02 Inspection	Modified H66-39	260½

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25 Jul	01-125	2171 E-5B	OPS	SCR in heater temperature controller shorted to ground. Ref. LER 78-16 and plant modification F1-78-42.	SCR humidity control feature is jumpered out pending future installation of modification F1-78-42	3
27 Jul	02	2274 AOV-18	OPS	Actuating arm for open indicating light out of adjustment	Adjusted actuating arm	2
27 Jul	10	1381 H10-605	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-605	58 1/4
27 Jul	29	2091 Hgr between Pt 50 & 54	Visual	NRC Bulletin 79-02 Inspection	Removed hanger	36
31 Jul	23	963 TU-2	N/A	None	Completed SIL-274	2464
31 Jul	23	1032 TU-2	N/A	None	Completed SIL-233	200
27 Jul	12	1904 PFSK-1041	Visual	NRC Bulletin 79-02 inspection	Repaired PFSK-1041	220 3/4
23 Jun	29	1916 H29-248	Visual	NRC Bulletin 79-02 Inspection	Tested snubber	16

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28 Jul	02-3	5670 PS-51A	I&C	PS-51A rack valve seat leakage	Replaced valve	8
28 Jul	02-3	3732 PI-60A	I&C	PI-60A rack valve seat leakage	Replaced valve	8
31 Jul	29	2230 PFSK-1260	Visual	Bolts loose	Modified hanger	189 3/4
31 Jul	10	2098 H10-500	Visual	NRC Bulletin 79-02 Inspection	Modified hanger	215
31 Jul	12	1760 H12-131	Visual	NRC Bulletin 79-02 Inspection	Installed new Hilti's	172
31 Jul	12	1758 H12-129	Visual	NRC Bulletin 79-02 Inspection	Installed new bolts	241 1/4
31 Jul	29	2229 PFSK-897	Visual	NRC Bulletin 79-02 Inspection	Modified anchor	233 1/4
2 Aug	34	2237 H34-18	Visual	NRC Bulletin 79-02 Inspection	Modified H34-18	540

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POWER AUTHORITY OF THE STATE OF NEW YORK
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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
2 Aug	10	1922 H10-40	Visual	NRC Bulletin 79-02 Inspection	Completed repairs per MPT-15	258½
2 Aug	10	2096 H10-604	Visual	NRC Bulletin 79-02 Inspection	Installed new Hilti anchors per MPT-15	239½
2 Aug	10	2221 H10-606	Visual	NRC Bulletin 79-02 Inspection	New baseplates, washers	161
2 Aug	12	1759 H12-132	Visual	NRC Bulletin 79-02 Inspection	Installed new anchors	150
2 Aug	29	2152 AOV-86A	Vent leaking	Rubber seals leaking	Replaced seals	40
2 Aug	10	2226 H10 511 & 512	Visual	NRC Bulletin 79-02 Inspection	Replaced anchor bolts	298
2 Aug	46	1312 H46 Detail "C"	Visual	NRC Bulletin 79-02 Inspection	Grouted and completed MPT-15	39
2 Aug	14	2139 P-2A	Visual	Laborer got mop stuck in rotating shaft of Core Spray Holding Pump	Replaced pump seal, set impeller clearance	17

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3 Aug	29	1770 H29-262	Visual	NRC Bulletin 79-02 Inspection	Replaced baseplate & new quick bolts	145
3 Aug	29	1771 H29-260	Visual	NRC Bulletin 79-02 Inspection	Replaced baseplate & new quick bolts	116½
3 Aug	34	1913 S34-16A	Visual	NRC Bulletin 79-02 Inspection	Modified S34-16A	87½
3 Aug	46	1561 P-2B	OPS	Pump did not meet Technical Specifications	Sent to vendor for refurbishment	308
3 Aug	29	2228 H19-225	Visual	NRC Bulletin 79-02 Inspection	Modified baseplate	289½
3 Aug	34	2097 S34-14A & 16A	N/A	None	Removed and reinstalled insulation for inspection	7
3 Aug	19	2220 H19-215N	Visual	NRC Bulletin 79-02 Inspection	Installed Hilti's and baseplates	272 3/4
5 Aug	23	2116 MOV-57	OPS	Improperly adjusted molded case circuit break- er operator. Operator was overtravelled	Adjusted breaker operator	2

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POWER AUTHORITY OF THE STATE OF NEW YORK
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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
4 Aug	46	1122 MOV-100A, B	Visual	No malfunction. Valve operator missing dust cap	Installed new dust cap	2
3 Aug	46	1428 H15-2	Visual	NRC Bulletin 79-02 Inspection	Repaired H15-2	94
3 Aug	19	1664 H10-223	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-223	170
3 Aug	23	1752 PFSK-1631	Visual	NRC Bulletin 79-02 Inspection	Repaired PFSK-1631	120½
3 Aug	10	2089 H10-532	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-532	21
4 Aug	10	1376 PFSK-721	Visual	NRC Bulletin 79-02 Inspection	Repaired PFSK-721	69
5 Aug	19	2217 S-76	Visual	NRC Bulletin 79-02 Inspection	Modified S-76	231½
6 Aug	10	1773 H10-398	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-398	114

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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
6 Aug	46	1313 H46-334	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-334	19
6 Aug	10	2235 H10-109	Visual	NRC Bulletin 79-02 Inspection	Modified H10-109	286
10 Aug	15	2119 MOV-100A2	OPS	Tripper arms on motor drive shaft in operator out of adjustment	Adjusted tripper arms and performed preventive maintenance	4.1
7 Aug	10	2076 H10-50	Visual	Loose jam nuts on hanger turnbuckle	Tightened jam nuts	2
7 Aug	14	2090 H14-49	Visual	NRC Bulletin 79-02 Inspection	Repaired H14-49	76
6 Aug	29	1657 AOV-80B	Visual	Hydraulic cylinder has oil seal leak	Rebuild hydraulic cylinder	502 1/4
8 Aug	13	2203 H13-46N	Visual	NRC Bulletin 79-02 Inspection	Modified H13-46N	283 3/4
7 Aug	10	1377 H10-215	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-215	94

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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
9 Aug	11	2470 11-67B	Alarm	SBLC explosive valve continuity circuit meter relay out of adjustment	Replaced meter relays. Sent old relays out for rebuild/calibration	$\frac{1}{2}$
8 Aug	10	1311 H10-14	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-14	114
9 Aug	14	1784 H14-68	Visual	NRC Bulletin 79-02 Inspection	Repaired H14-68	165
9 Aug	14	1909 H14-50	Visual	NRC Bulletin 79-02 Inspection	Modified H14-50	206
9 Aug	46	1755 H46-176A	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-176A	201 $\frac{1}{4}$
9 Aug	10	1154 H10-113	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-113	90
9 Aug	46	1310 H46-336	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-336	79
10 Aug	10	1386 H10-608	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-608	133 $\frac{1}{4}$

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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
12 Aug	10	1529 H10-395	Visual	NRC Bulletin 79-02 Inspection	Modified H10-395	270
14 Aug	03	1104 SOV-29,31,140- A&B	N/A	NRC Bulletin 78-14	Replaced Buna-N parts in solenoid valves. Also replaced coil in SOV-29.	36
11 Aug	12	1766 H12-52	Visual	NRC Bulletin 79-02 Inspection	Repaired H12-52	272½
11 Aug	10	2088 H10-25	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-25	119½
12 Aug	12	1763 H12-85	Visual	NRC Bulletin 79-02 Inspection	Repaired H12-85	366
11 Aug	10	2189 H10-51CN	Visual	NRC Bulletin 79-02 Inspection	Modified H10-51CN	118
12 Aug	03	2191 Q8-160	Visual	NRC Bulletin 79-02 Inspection	Modified Q8-160	219
12 Aug	19	2238 PFSK-1000	Visual	NRC Bulletin 79-02 Inspection	Modified PFSK-1000	165

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POWER AUTHORITY OF THE STATE OF NEW YORK
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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
13 Aug	10	2206 H10-394	Visual	NRC Bulletin 79-02 Inspection	Modified H10-394	202½
13 Aug	27	2211 H27-4	Visual	NRC Bulletin 79-02	Modified H27-4	27½
14 Aug	12	1661 H12-130	Visual	NRC Bulletin 79-02 Inspection	Repaired H12-130	382½
15 Aug	29	510 AOV-80A,B,C,D	N/A	NRC Bulletin 78-04	Replace open/close/90% open limit switches with environmentally qualified switches on all inboard Main Steam Isolation Valves in Containment.	200
15 Aug	02	2541 MOV-53B	OPS	Valve Operator rotors #3 & #4 were disengaged following previous PM	Reviewed with Maintenance personnel the procedure for performing prevent- ive maintenance on Limitorque valve operators.	2
16 Aug	10	2074 H10-14	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-14	10
16 Aug	10	1762 H10-396	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-396	61

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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
16 Aug	10	2085 H10-102	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-102	102
16 Aug	10	1497 H10-244	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-244	145
16 Aug	46	1314 H46-350	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-350	149
16 Aug	29	2527 MOV-102	Visual	Packing leak	Repacked valve	8
16 Aug	10	1171 H10-104	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-104	46
18 Aug	46	1315 H46-349	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-349	148½
16 Aug	46	1753 H46-348	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-348	85
16 Aug	46	1754 H46-347	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-347	81

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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
16 Aug	46	1383 H46-32	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-32	143 3/4
18 Aug	19	1678 H19-20 & 213	Visual	NRC Bulletin 79-02 Inspection	Repaired H19-20 & 213	478 3/4
18 Aug	29	2709 H29-260	Visual	NRC Bulletin 79-02 Inspection	Modified H29-260	26
18 Aug	14	1425 H14-42	Visual	NRC Bulletin 79-02 Inspection	Repaired H14-42	152
17 Aug	10	2186 H10-475	Visual	NRC Bulletin 79-02 Inspection	Modified H10-475	344 1/4
19 Aug	10	2188 H10-50N	Visual	NRC Bulletin 79-02 Inspection	Modified H10-50N	307 3/4
19 Aug	19	1375 H19-220	Visual	NRC Bulletin 79-02 Inspection	Repaired H19-220	287
18 Aug	27	2582 F-6B	Visual	Filter flange leak	Replaced flange gasket	2

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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
20 Aug	01-125	2572 F-2B	OPS	Filter dirty	Replaced filter	8
20 Aug	10	1775 H10-607	Visual	NRC Bulletin 79-02 Inspection	Modified H10-607	82
21 Aug	13	1530 H13-42	Visual	NRC Bulletin 79-02 Inspection	Modified H13-42	218
21 Aug	03	12458 CRD-30-11	OPS	Defective magnetic switch in CRD PI.	Replaced PI with one that tested good and DRIFT indication eliminated	13
21 Aug	29	2585 AOV-80C	OPS	Actuating arm out of adjustment for CLOSED switch	Adjusted actuating arm	4
21 Aug	03	2542 CRD-34-15	OPS	Retested removed PI but could not find problem. PI put on QC hold until further evaluation completed.	Replaced PI rod and cleared position DRIFT indication.	1
21 Aug	10	2219 H10-51A	Visual	NRC Bulletin 79-02 Inspection	Modified H10-51A	163½
21 Aug	23	2207 H23-98	Visual	NRC Bulletin 79-02 Inspection	Modified H23-98	1005½

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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
20 Aug	72	2583 AHU-30A	OPS	Requested fan belt replacement	Replaced fan belt	2
16 Aug	10	1494 H10-117	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-117	52½
22 Aug	10	2710 H10-503	N/A	None	Removed & reinstalled insulation for inspection	33
22 Aug	14	2546 H14-50	Visual	NRC Bulletin 79-02 Inspection	Modified H14-50	37
22 Aug	13	2205 H13-34	Visual	NRC Bulletin 79-02 Inspection	Modified H13-34	784
23 Aug	29	2526 MOV-102	OPS	Lubricant failure due to heat in containment dome.	Rebuilt motor operator. Repaired insulation on steam piping in area. Repacked valve. Ref. WRED #29/2527.	64
23 Aug	46	1672 H46-36	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-36	250½
23 Aug	23	1538 H23-23N	Visual	NRC Bulletin 79-02 Inspection	Modified H23-23N	195

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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 Aug	70	2256 FN-13B	OPS	Faulty overload relay	Faulty motor overload relay	26
22 Aug	23	2192 S23-4	Visual	NRC Bulletin 79-02 Inspection	Modified S23-4	82½
22 Aug	10	2093 RHR Head Spray Line	N/A	None	Removed & reinstalled insulation for inspection	11
23 Aug	34	781 SOV-111B	Audible	Valve exhausting air out of vent port	Replaced valve	8
23 Aug	46	1218 H46-192	Visual	NRC Bulletin 79-02 Inspection	Repaired H46-192	279
24 Aug	10	1378 H10-526	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-526	36
24 Aug	10	2185 H10-383N	Visual	NRC Bulletin 79-02 Inspection	Modified H10-383N	200½
23 Aug	10	1372 H10-41	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-41	1017½

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POWER AUTHORITY OF THE STATE OF NEW YORK
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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
24	02	2605 RV-71C	Audible	Air leak on valve connector	Replaced air fitting	12
17 Aug	10	2138 RHR-42C	OPS	Disc nut vibrated loose	Rebuilt valve internals	190
25 Aug	10	2075 H10-127	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-127	29
25 Aug	23	2190 S23-5	Visual	NRC Bulletin 79-02 Inspection	Modified S23-5	189½
25 Aug	19	2712 H19-229	Visual	NRC Bulletin 79-02 Inspection	Modified H19-229	7
25 Aug	10	2198 H10-51B	Visual	NRC Bulletin 79-02 Inspection	Modified H10-51B	132
26 Aug	03	2543 Q8-160	Visual	None	Prepared weld surface for NDE	9
23 Aug	10	2087 H10-450	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-450	383

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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
26 Aug	10	2177 H10-21	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-21	202
27 Aug	10	2713 H10-47A	Visual	NRC Bulletin 79-02 Inspection	Modified H10-47A	10
27 Aug	13	2199 PFSK-634	Visual	NRC Bulletin 79-02 Inspection	Modified PFSK-634	274
27 Aug	10	2183 H10-477	Visual	NRC Bulletin 79-02 Inspection	Modified H10-477	360½
28 Aug	23	2202 H23-46	Visual	NRC Bulletin 79-02 Inspection	Modified H23-46	436 3/4
28 Aug	29	1928 H29-347A	Visual	NRC Bulletin 79-02 Inspection	Repaired H29-347A	80
28 Aug	12	1934 H12-85	Visual	None	Reset spring can	22
28 Aug	10	2208 H10-387	Visual	NRC Bulletin 79-02 Inspection	Modified H10-387	330 3/4

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Safety Related Electrical & Mechanical Maintenance Summary

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28 Aug	12	2723 H12-87	Visual	NRC Bulletin 79-02 Inspection	Repaired H12-87	21½
27 Aug	12	2724 H12-86	Visual	NRC Bulletin 79-02 Inspection	Repaired H12-86	38
23 Aug	10	1786 RO-105A	OPS	None	Removed restricting orifice and enlarged bore	27
21 Aug	02	1044 RV-71A,C,D,E, F,H	N/A	None	Installed new modified topworks	2673
21 Aug	02	1045 RV-71K,L	N/A	None	Modified pilot disc angle	949½
29 Aug	10	1382 H10-31	Visual	NRC Bulletin 79-02 Inspection	Repaired H10-31	740 3/4
30 Aug	10	2204 H10-511	Visual	NRC Bulletin 79-02 Inspection	Modified H10-511	274
50 Aug	23	2178 H23-32	Visual	NRC Bulletin 79-02 Inspection	Modified H23-32	100

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JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

I&C - August 1979

Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
7/30/79	02-3	5669 PS-51A	I&C	Age/Use		Replaced valve	16.0
7/30/79	02	1800 TR-165	OPS	Unknown	Improper reading	Found OK-None	7.0
7/30/79	02	1805 TE-145A	OPS	Unknown	Improper reading	Found OK-None	7.0
8/20/79	03	2576 RSCS	OPS	Bad sequence logic card	Improper operation	Repaired sequence logic card	10.0
8/24/79	03	2616 RMCS	OPS	Failed solid state timer	Notch override will not work	Repaired sequence logic card	18.0
8/6/79	05	2133 Ann.#12-9.5.1	OPS	Failed annunciator card	INOP ann.	Changed ann. card	4.0
7/30/79	07	2267 LPRM "A"	OPS	Faulty power supply	Downscale	Replaced power supply-IMP 7.6	22.0
8/8/79	07	2134 SRM "D"	OPS	Loose HV connector	Downscale	Replaced Connector	6.0
8/21/79	07	2601 SRM "D"	OPS	N/A	Test switch in pos. 10^5 , meter read 8×10^4	Found OK	2.0
8/24/79	07	2611 LPRM 12-21A	OPS	Bad LPRM card	Downscale light	Replaced Q7 & QA3 on LPRM card	15.0
7/27/79	10	2151 10-LS-100	OPS	Drift	No annun.	Adjusted gain	16.0
8/6/79	10	2127 Annun.#3-9.3.1	OPS	Failed annun.card	INOP annun.	Replaced annun. card	4.0

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JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Maintenance Summary

I&C - August 1979

Date	System	Work Request # Component #	How Detected	Cause of Malfunction	Results of Malfunction	Action taken to Preclude Recurrence	Repair Time (Hours)
7/30/79	13	1798 TE-89A	OPS	Loose wire	Alarm	Tightened wires	6.0
8/24/79	17	2614 RR-51	OPS	Broken Drive String	Does not follow input signal	Replaced string	3.0
8/3/79	20	2121 FQ-530	OPS	Drift	Improper readings	ISP-15	14.0
8/20/79	20	2568 P-1B	OPS	Unknown	No Auto Start	Found OK	16.0
8/17/79	29	1879 AOV-80B	OPS	Valve repair	Failed closing timing ST	Adjusted timing	3.0
8/14/79	66	1801 TICS-107B	OPS	Dirt	Improper operation	Cleaned/ ISP-86	12.0
8/14/79	66	1802 TICS-107F	OPS	Dirt	Improper operation	Cleaned / ISP-86	3.5
8/14/79	66	2503 TICS-107D	OPS	Dirt	Improper operation	Cleaned/ ISP-86	3.5
8/14/79	66	2504 TICS-107H	OPS	Dirt	Improper operation	Cleaned/ ISP-86	3.5
8/24/79	76	2506 Alarm bells	OPS	Drift	No alarm	Adjusted solenoid flapper	6.0
8/17/79	93	2545 PS-10A	I&C	N/A	N/A	Calibrated	3.0
8/16/79	99	1985 Door 309	SEC	Unknown	Alarm	Found OK	2.0

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