JAMES A. FITZPATRICK NUCLEAR POWER PLANT OPERATING DATA REPORT

DOCKET NO. 50-333
UNIT NAME FITZPATRICK
DATE MARCH 1986
COMPLETED BY JOHN COOK
TELEPHONE (315)342-3840

OPERATING STATUS

UNIT NAME: FITZPATRICK REPORTING PERIOD: 860201-860228 LICENSED THERMAL POWER (MWT): 2436 NAMEPLATE RATING (GROSS MWE): 883 DESIGN ELECTRICAL RATING (NET MWE): 8: MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): MAXIMUM DEPENDABLE CAPACITY (NET MWE): IF CHANGES OCCUR IN CAPACITY RATINGS (ITE	796	LAST REPORT, G	IVE REASONS:
Design Electrical Rating, MDC Gross and I current plant conditions POWER LEVEL TO WHICH RESTRICTED, IF ANY (REASONS FOR RESTRICTIONS, IF ANY:			eflect
	THIS MONTH	YR-TO-DATE	CUMULATI
HOURS IN REPORTING PERIOD:	672	1416	9285
NUMBER OF HOURS REACTOR WAS CRITICAL: REACTOR RESERVE SHUTDOWN HOURS:	672	1416	66831.
HOURS GENERATOR ON-LINE: UNIT RESERVE SHUTDOWN HOURS:	672	1416	64942.
GROSS THERMAL ENERGY GENERATED (MWH):	1632264	3427560	1391412
GROSS ELECTRICAL ENERGY GENERATED (MWH): NET ELECTRICAL ENERGY GENERATED (MWH):	558490 539705	1172770	477659
UNIT SERVICE FACTOR:	100	100	69
UNIT AVAILABILITY FACTOR: UNIT CAPACITY FACTOR (USING MDC NET):	100	100	69
UNIT CAPACITY FACTOR (USING DER NET):	98.4	98.0	60
UNIT FORCED OUTAGE RATE:	0	0	12.
SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (T Planned maintenance outage commencing Ma			
The second secon		The state of the s	
IF SHUT DOWN AT END OF REPORT PERIOD, EST	MATED DATE OF	STARTUP:	
UNITS IN TEST STATUS (PRIOR TO COMMERCIAL	OPERATION):	FORECAST	ACHIEVED
	CRITICALITY		
	ELECTRICITY LAL OPERATION		

8603140475 860228 PDR ADOCK 05000333 R PDR

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JAMES A. FITZPATRICK NUCLEAR POWER PLANT AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-333
UNIT FITZPATRICK
DATE MARCH 1986
COMPLETED BY JOHN COOK
TELEPHONE (315)342-3840

DAY AVERAGE	DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	804	17	804
2	802	18	803
3	803	19	803
4	803	20	802
5	808	21	801
6	810	22	803
7	798	23	803
8	803	24	803
9	803	25	803
10	804	26	803
11	804	27	804
12	803	28	801
13	804	29	
14	802	30	
15	803	31	
16	804		

SUMMARY: The FitzPatrick plant operated at near full thermal power for this entire reporting period.

JAMES A. FITZPATRICK NUCLEAR POWER PLANT UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY 1986

DOCKET NO. 50-333

UNIT NAME FITZPATRICK

DATE MARCH 1986

COMPLETED BY JOHN COOK

TELEPHONE (315) 342-3840

DATE	ТҮРЕ	U H R O A U T R I S O N	R E A S O N	METHOD OF SHUTTING DOWN THE REACTOR	LICENSEE EVENT REPORT	S Y C S O T D E E M	C O M C P O O D N E E N	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
	DATE	DATE TYPE	DATE TYPE T R I S O	DATE TYPE T R S I S O O N	DATE TYPE T R S DOWN I S O THE O N REACTOR	DATE TYPE T R S DOWN EVENT REPORT O N REACTOR	DATE TYPE T R S DOWN EVENT T D REPORT E E E O N REACTOR	DATE TYPE T R S DOWN EVENT T D O D REACTOR N REACTOR N S O O Y C M C M

F.

F: FORCED

S: SCHEDULED

REASON:

A. EQUIPMENT FAILURE (EXPLAIN)

B. MAINTENANCE OF TEST

C. REFUELING

D. REGULATORY RESTRICTION

E. OPERATOR TRAINING AND LICENSE EXAMINATION

F. ADMINISTRATIVE

G. OPERATIONAL ERROR (EXPLAIN)

H. OTHER (EXPLAIN)

METHOD:

3

I-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)

NARRATIVE SUMMARY OF OPERATING EXPERIENCE FEBRUARY 1986

The FitzPatrick plant operated at near full thermal power for this entire reporting period. Plant modifications have caused changes to Design Electrical Rating (Line 5), Maximum Dependable Capacity Gross (Line 6) and Maximum Dependable Capacity Net (Line 7). The new figures more accurately reflect current plant conditions.

At the end of the reporting period the Unit is operating at approximately 801 MWe.

NEW YORK POWER AUTHORITY JAMES A. FITZPATRICK NUCLEAR POWER PLANT MAINTENANCE SUMMARY

FEBRUARY 1986

SYSTEM	WORK REQUEST NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	TO PRECLUDE RECURRENCE	TIME
00	032095 ATTS 1.U.	OPS	SHIPPING PACKAGE DAMAGED	PERFORM OPERABILITY CHCK	P/N 164C5150P236157 (QC CAGE)	11
02-3	039862 LT-72A	OPS	BAD TRANSMITTER	INDICATOR AT MTU READS UPSCALE	REPLACED DEFECTIVE TRANSMITTER	19
16	039882 DPR-200	OPS	DEAD BATTERY	RECORDER FAILS TO STAMP CHART	REPLACED BATTERY	13
1,	037991 RM/RR-434A	OPS	DRIFT	METER NOT AGREE WITH RECORDER	ADJUSTED ZERO AND SPAN ISP-25-1	1
17	037992 RM/RR-434B	OPS	DRIFT	METER NOT AGREE WITH RECORDER	ADJUSTED ZERO AND SPAN ISP-25-1	1
17	039675 RIS-458A	OPS	LIMIT SWITCH CAMS OUT-OF-SPAN	CHECK SOURCE NOT MOVE	ADJUST LIMIT SWITCH CAMS	7
23	041031 RTC-117B	OPS	BROKEN STA-KON	GAVE DIV.II ALARM/ISOLATION	REPLACE STA-KON AND MTU-217B	19
27	032859 RM-104B	I&C	DRIFT	COMPUTER PT E027 OUT-OF-SPECS	ADJUSTED COMPUTER	40
	00 02-3 16 1, 17 17	00 032095 ATTS T.U. 02-3 039862 LT-72A 16 039882 DPR-200 1, 037991 RM/RR-434A 17 037992 RM/RR-434B 17 039675 RIS-458A 23 041031 RTC-117B	00 032095 ATTS T.U. OPS 02-3 039862 LT-72A OPS 16 039882 DPR-200 OPS 1, 037991 RM/RR-434A OPS 17 037992 RM/RR-434B OPS 17 039675 RIS-458A OPS 23 041031 RTC-117B OPS 27 032859 I&C	00 032095 ATTS T.U. OPS SHIPPING PACKAGE DAMAGED 02-3 039862 LT-72A OPS BAD TRANSMITTER 16 039882 DPR-200 OPS DEAD BATTERY 1, 037991 RM/RR-434A OPS DRIFT 17 037992 RM/RR-434B OPS DRIFT 17 039675 RIS-458A OPS LIMIT SWITCH CAMS OUT-OF-SPAN 23 041031 RTC-117B OPS BROKEN STA-KON 27 032859 I&C DRIFT	00 032095 ATTS T.U. OPS SHIPPING PACKAGE DAMAGED PERFORM OPERABILITY CHCK 02-3 039862 LTT-72A OPS BAD TRANSMITTER INDICATOR AT MTU READS UPSCALE 16 039882 DPR-200 OPS DEAD BATTERY RECORDER FAILS TO STAMP CHART 1, 037991 RM/RR-434A OPS DRIFT METER NOT ACREE WITH RECORDER 17 037992 RM/RR-434B OPS DRIFT METER NOT ACREE WITH RECORDER 17 039675 RIS-458A OPS LIMIT SWITCH CAMS OUT-OF-SPAN CHECK SOURCE NOT MOVE 23 041031 RTC-117B OPS BROKEN STA-KON GAVE DIV. II ALARM/ ISOLATION 27 032859 I&C DRIFT COMPUTER PT E027	00 032095 ATTS T.U. OPS SHIPPING PACKAGE DAMAGED PERFORM OPERABILITY CHCK P/N 164C515OP236157 (QC CAGE) 02-3 039862 LT-72A OPS BAD TRANSMITTER INDICATOR AT MITU READS UPSCALE REPLACED DEFECTIVE TRANSMITTER 16 039882 DFR-200 OPS DEAD BATTERY RECORDER FAILS TO STAMP CHART REPLACED BATTERY 1, 037991 RM/RR-434A OPS DRIFT METER NOT AGREE WITH RECORDER ADJUSTED ZERO AND SPAN ISP-25-1 17 037992 RM/RR-434B OPS DRIFT MEAR NOT AGREE WITH RECORDER ADJUSTED ZERO AND SPAN ISP-25-1 17 039675 RTS-458A OPS LIMIT SWITCH CAMS OUT-OF-SPAN CHECK SOURCE NOT MOVE ADJUST LIMIT SWITCH CAMS 23 041031 RTC-117B OPS BROKEN STA-KON ALARM/ISOLATION REPLACE STA-KON AND MITU-217B 27 032859 I&C DRIFT COMPUTER PT E027 ADJUSTED COMPUTER

NEW YORK POWER AUTHORITY JAMES A. FITZPATRICK NUCLEAR POWER PLANT MAINTENANCE SUMMARY

FEBRUARY 1986

DATE	SYSTEM	WORK REQUEST NO. COMPONENT NO.	HOW DETECTED	CAUSE OF MALFUNCTION	RESULTS OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
360219	70	038559 F-11A&B	OPS	IMPROPER INSTALLATION	INSTRUMENTS INSTALLED INCORRECTLY	REINSTALLED CORRECTLY	28
860212	72	039676 FN-31B	OPS	RELAY FAULTY	ANNUNCIATOR INDICATES NO FLOW	REPLACE ANNUNCIATOR RELAY	18
860206	76	038603 SD-342/343	OPS	BAD RELAYS, SOLDER JOINT	CLEAR ALARM BY THEMSELVES	REPLACED RELAYS AND RESOLDERED	64

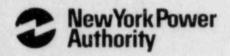
NEW YORK POWER AUTHORITY JAMES A. FITZPATRICK NUCLFAR POWER PLANT SAFETY RELATED ELECTRICAL & MECHANICAL MAINTENANCE SUMMARY

FEBRUARY 1986

SYSTEM	WORK REQUEST #	HOW DETECTED	CAUSE OF MALFUNCTION	ACTION TAKEN TO PRECLUDE RECURRENCE	REPAIR TIME HOURS
76	39719 P1	OPS	Packing worn.	Adjusted packing.	3
76	38626 FPS-148	OPS	Valve seat leakage.	Replaced valve.	10
93	39856 FDG-C	0°S	Overspeed trip limit switch.	Adjusted limit switch.	21
71	39780 BC-1A	OPS	Broken lead to ground relay.	Replaced lead.	14
76	39803 TK-5	OPS	Relief valve leak.	Replaced relief valve.	4
	76 76 93 71	SYSTEM COMPONENT 76 39719 P1 76 38626 FPS-148 93 39856 EDG-C 71 39780 BC-1A 76 39803	SYSTEM COMPONENT HOW DETECTED 76 39719 P1 OPS 76 38626 OPS OPS FPS-148 OPS OPS 93 39856 EDG-C OPS 71 39780 BC-1A OPS 76 39803 OPS	SYSTEM COMPONENT HOW DETECTED CAUSE OF MALFUNCTION 76 39719 OPS Packing worn. 76 38626 OPS Valve seat leakage. 93 39856 OTS Overspeed trip limit switch. 71 39780 OPS Broken lead to ground relay. 76 39803 OPS Relief valve leak.	SYSTEM COMPONENT HOW DETECTED CAUSE OF MALFUNCTION ACTION TAKEN TO PRECLUDE RECURRENCE 76 39719 OPS Packing worm. Adjusted packing. 76 38626 OPS Valve seat leakage. Replaced valve. 93 39856 OPS Overspeed trip limit Adjusted limit switch. 71 39780 OPS Broken lead to ground Replaced lead. 76 39803 OPS Relief valve leak. Replaced relief valve.

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

> Radford J. Converse Resident Manager



March 10, 1986 JAFP 86-0208

Director, Office of Inspection and Enforcement U.S. Nuclear Regulatory Commission Washington, D.C. 20555

ATTENTION:

DOCUMENT CONTROL DESK

REFERENCE:

DOCKET NO. 50-333

Dear Sir:

Enclosed please find the J. A. FitzPatrick Operating Status Report for the month of February 1986. Refueling information remains the same as previously submitted.

If there are any questions concerning this report, please contact John Cook at (315) 342-3840, Ext. 439.

RADFORD J. CONVERSE RESIDENT MANAGER

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