

REGION	COUNTY	DATE PRODUCED	PAGE
7	35 OSWEGO	08-01-84	1 of 1
FACILITY I.D.		REPORT PERIOD	
NY0020109		08-01-84 THRU 08-31-84	

SPDES — DISCHARGE MONITORING REPORT

SEE THE REVERSE SIDE OF PART 4 FOR INSTRUCTIONS



PARAMETER/UNITS	OUT FALL	MONITORING LOCATION	REPORT SECTION				SAMPLE CHARACTERISTICS	
			LIMIT	MINIMUM	AVERAGE	MAXIMUM	# EX.	FREQUENCY
TEMPERATURE DEG C	001	EFFLUENT VALUE 0100010040101	LIMIT	*****	*****	44.5000		METERED CONTINUOUS
			REPORTED VALUE	*****	*****	39.44	0	METERED CONTINUOUS
TEMPERATURE - DIFF DEG C	001	EFFLUENT VALUE 0200016040101	LIMIT	*****	*****	18.0000		METERED CONTINUOUS
			REPORTED VALUE	*****	*****	16.39	0	METERED CONTINUOUS
PH SU	001	EFFLUENT VALUE 0300400120101	LIMIT	6.5000	*****	8.5000		GRAB 2 PER WEEK
			REPORTED VALUE	8.3	*****	8.6*	0	GRAB 2/WEEK
PH SU	012	NET VALUE 0400400121204	LIMIT	6.0000	*****	9.0000		GRAB WEEKLY
			REPORTED VALUE	7.0	*****	7.1	0	GRAB WEEKLY
COLIFORM-FECAL MPN/100ML	012	NET VALUE 0574055091204	LIMIT	*****	200.0000	400.0000		GRAB MONTHLY
			REPORTED VALUE	*****	N/A	>2,400	0	GRAB MONTHLY
SUSPENDED SOLIDS MG/L	012	NET VALUE 0680154011204	LIMIT	*****	30.0000	45.0000		24 HR COMP MONTHLY
			REPORTED VALUE	*****	N/A	10.0	0	24 HR COMP MONTHLY
SOLIDS MG/L	012	NET VALUE 0785001011204	LIMIT	*****	30.0000	45.0000		24 HR COMP MONTHLY
			REPORTED VALUE	*****	N/A	4.9	0	24 HR COMP MONTHLY
HEAT BIL BTU/H	001	NET VALUE 0899908360104	LIMIT	*****	*****	5.7200		METERED CONTINUOUS
			REPORTED VALUE	*****	*****	5.59	0	METERED CONTINUOUS
VELOCITY FT/SEC	002	PRE-INFLUENT SCF 0999909240203001	LIMIT	*****	*****	1.4000		METERED CONTINUOUS
			REPORTED VALUE	*****	*****	1.40	0	METERED CONTINUOUS
			LIMIT					
			REPORTED VALUE					*See Attached

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

TYPEWRITTEN NAME AND TITLE

Corbin A. McNeill, Jr., Resident Manager

☒ 1 PERMITTEE
☐ 2 AGENT

SIGNATURE

by *Corbin A. McNeill, Jr.*

DATE

9/14/84

POWER AUTHORITY OF N Y S

JAMES A FITZPATRICK NUCLEAR POWER PLANT

BOX 41

LYCOMING

NY 13093

NY0020109

04 MEI 02

BS 03 SUS 03 SN 0

PART 1—ENCON COPY

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 PDR ADCK 05000333
 R PDR

Attachment to JAFF-84-0878

NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MONTH OF AUGUST 1984
SPDES REPORT

SPDES NY0020109

The pH Value for the Discharge Canal (001) exceeded the permit limiting condition three times during the sample period of 08/01/84 through 08/31/84.

This excursion of the pH Value is not in violation of the permit condition, based on the following stipulation which is part of the James A. FitzPatrick S.P.D.E.S. Permit (P. 4, Permit No. NY 002 0109).

"The pH Discharge 001 shall not exceed 8.5 unless the pH of the intake water is greater than this value: In this case, the pH of the Discharge shall not exceed the pH of the intake by more than 0.1 pH unit."

In compliance with the above stipulation, the following data is presented as evidence that a permit condition has not been violated:

<u>Date</u>	<u>Inlet pH</u>	<u>Discharge pH</u>
08/02/84	8.6	8.6
08/07/84	8.6	8.6
08/16/84	8.7	8.6

NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANTMONTH OF AUGUST 1984
SPDES REPORTSPDES NY0020109 NONCOMPLIANCE WITH CONDITIONSA. DESCRIPTION

Discharge 012 (sewage plant effluent) fecal coliform sampled for the month of August 1984 was not in compliance with Condition 10(B)(4) of the James A. FitzPatrick Nuclear Power Plant SPDES Permit NY0020109.

B. RESULTS

Results of the sample taken on August 13, 1984 was >2,400 MPN/100 ml fecal coliform. Associated sample results were as follows:

Fecal Coliform	(July 23, 1984)	= <2.2 MPN/100 ml
Residual Chlorine	(August 13, 1984)	= 0.2 ppm (contact pit)
Five-day BOD	(August 1984)	= 4.9 ppm
Suspended Solids	(August 1984)	= 10.0 ppm
Fecal Coliform	(August 13, 1984)	= >2,400 MPN/100 ml
Fecal Coliform	(September 4, 1984)	= <2.2 MPN/100 ml
Fecal Coliform	(September 10, 1984)	= <2.2 MPN/100 ml

C. PERIOD OF NONCOMPLIANCE

Possible 22 days (August 13, 1984 to September 4, 1984) time period to next sample September 4, 1984. The September 4, 1984 sample results showed fecal coliform to be <2.2 MPN/100 ml.

D. CAUSE OF NONCOMPLIANCE

The cause of the noncompliance with Permit Condition 10(B)(4) is not known at this time. As indicated above (Section B, Results), other sewage system effluent parameters were within Permit limits and normal operating ranges.

E. CORRECTIVE ACTION

As soon as the noncompliance was identified, a sample was taken (September 4, 1984), and another sample was taken on September 10, 1984. The July 1984 fecal coliform sample and the two fecal coliform samples taken during the month of September 1984 all had results of <2.2 MPN/100 ml fecal coliform.

Fecal coliform will be sampled and analyzed during the first week of the month (when possible) so that resampling may be done later in the month if an anomalous result is identified.

NEW YORK POWER AUTHORITY
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

MONTH OF AUGUST 1984
SPDES REPORT

The reported value for net rate of heat addition to the receiving water was calculated using the following equation:

$$(CTP) - MWe \text{ (net)} = W.H.$$

Where:

CTP = Reactor Core Thermal Power in Btu/hr

MWe = Net Electrical Generation in Btu/hr

W.H. = Waste Heat Addition to the Receiving Water in Btu/hr

James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342.3840



Corbin A. McNeill, Jr.
Resident Manager

September 14, 1984
JAFF-84-0880

United States Regulatory Commission
Washington, DC 20555

Attention: Harold R. Denton, Director
Office of Nuclear Reactor Regulation

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT
SPDES/NPDES PERMIT NONCOMPLIANCE WITH CONDITIONS

Reference:

Gentlemen:

Attached please find a copy of the James A. FitzPatrick monthly SPDES report, which includes a description of the non-compliance with conditions. A copy of this report is being supplied to you in accordance with your letter dated March 11, 1983, requiring notifications of your office concerning SPDES/NPDES permit violations.

If you have any further questions concerning this matter, please do not hesitate to contact us.

Very truly yours,

by dir. R. McNeill
CORBIN A. McNEILL, JR.
RESIDENT MANAGER

CAM:JAS:jaa
Attachment (5 pp)

CC: E. Gorman
J. A. Solini
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CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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James A. FitzPatrick
Nuclear Power Plant
P.O. Box 41
Lycoming, New York 13093
315 342.3840

Attachment to JAFP-84-0880
(5 pp)



**New York Power
Authority**

Corbin A. McNeill, Jr.
Resident Manager

September 14, 1984
JAFP-84-0878

Bureau of Wastewater Facilities Operations
Division of Water
50 Wolf Road - Room 320
Albany, NY 12233-0001

SUBJECT: JAMES A. FITZPATRICK NUCLEAR POWER PLANT
SPDES REPORT

Gentlemen:

Enclosed please find data relating to the James A. Fitz-Patrick Nuclear Power Plant State Pollutant Discharge Elimination System Monitoring Report for the month of August 1984.

If there are any questions regarding the attached, please do not hesitate to contact us.

Very truly yours,

CORBIN A. MCNEILL, JR.
RESIDENT MANAGER

CAM:JAS:jaa
Attachments

CC: T. E. Murley (NRC/IE-1)
D. Barolo (NYDEC)
R. Baker (EPA/Region 2)
J. P. Bayne (NYPA/WPO)
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