



Nuclear Fuel Services, Inc. P.O. Box 124 • West Valley, New York 14171

A Subsidiary of Getty Oil Company

Handwritten: 50-201
PDR
(16) 942-3235



May 21, 1981
9-81-34

Handwritten: Return to
D. CRAMER
396-SS

Chief, Waste Source Monitoring Section
New York State Department of
Environmental Conservation
Room 300
50 Wolf Road
Albany, New York 12233



Dear Sir:

In accordance with the provisions of NFS' SPDES Permit #NY0000973, the results and flow measurements for the reporting period 4/1/81 through 4/30/81 are enclosed for your information.

If you have any questions, please contact NFS at your convenience.

Very truly yours,
NUCLEAR FUEL SERVICES, INC.

Handwritten signature: J. P. Duckworth
J. P. Duckworth
General Manager

SRG/aa
Enc.

Dist.: Copy 2 - NYSDEC/Buffalo, NY
Copy 3 - USEPA Region II/NY, NY
Copy 4 - Accountability/SPDES File
cc: Cattaraugus Co. Health Dept.
USNRC, Washington, DC ✓

Handwritten: Original was not received
J. Schultze FCAT, NMSS

FEE EXEMPT
19209

8107160621 810521
PDR ADOCK 05000201
R PDR

15-4 (11/78)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION



REGION	COUNTY	DATE PRODUCED	PAGE
	CATTARAUGUS	04-07-81	1 of 1
CITY I.D.	REPORT PERIOD	THRU	
0000073	04-01-81	04-07-81	

SPDES - DISCHARGE MONITORING REPORT

- SEE REVERSE SIDE OF PART 4 FOR INSTRUCTIONS

PARAMETER/UNITS	OUT FALL	MONITORING LOCATION	REPORT SECTION				SAMPLE CHARACTERISTICS	
			LIMIT	MINIMUM	AVERAGE	MAXIMUM	TYPE	FREQUENCY
001	001	EFFLUENT VALUE 0100056050101	REPORTED VALUE	.129	.209	.281	MONITORED	INSTANT
003	003	EFFLUENT VALUE 0200056050301	REPORTED VALUE		.049		MONITORED	INSTANT
005 ALPHA	001	EFFLUENT VALUE 0301515480101	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	MONTHLY
005 ALPHA	003	EFFLUENT VALUE 0401515480301	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	INSTANT
005 ALPHA	004	EFFLUENT VALUE 0501515480401	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	SEMI-ANNUAL
005 BETA	001	EFFLUENT VALUE 0603515480101	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	MONTHLY
005 BETA	003	EFFLUENT VALUE 0703515480301	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	INSTANT
005 BETA	004	EFFLUENT VALUE 0803515480401	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	SEMI-ANNUAL
ISOTOPIC GAMMA	001	EFFLUENT VALUE 0905501480101	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	MONTHLY
ISOTOPIC GAMMA	003	EFFLUENT VALUE 1005501480301	REPORTED VALUE	SEE ATTACHED	DATA SHEETS		24 HR COMP	INSTANT

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 J. P. Duckworth, General Manager

☒ 1 PERMITTEE
☐ 2 AGENT

SIGNATURE

DATE

5/22/81

NUCLEAR FUEL SERVICES

PO BOX 124

WEST VALLEY

NY 14171

NY0000973

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SPDES - DISCHARGE MONITORING REPORT

SEE REVERSE SIDE OF PART 4 FOR INSTRUCTIONS

REGION	COUNTY	DATE PRODUCED	PAGE
2	CATTARAUGUS	05-07-81	2 of 2
FACILITY I.D.		REPORT PERIOD	THRU
143100-71		01-01-81	01-10-81

TOXIC PARAMETER/UNITS	OUT FALL	MONITORING LOCATION	REPORT SECTION				SAMPLE CHARACTERISTICS	
			LIMIT	MINIMUM	AVERAGE	MAXIMUM	# EX.	FREQUENCY
ISOTOPIC GAMA PC/L	004	EFFLUENT VALUE 1100001420401	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			SEMI-AN
RITIU PC/L	001	EFFLUENT VALUE 1207001420101	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			MONTHLY
RITIU PC/L	003	EFFLUENT VALUE 1307001430301	LIMIT	MONITORING REQUIRED-	NO LIMITS			GRAB
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			INSTANT
RITIU PC/L	004	EFFLUENT VALUE 1407001420401	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			SEMI-AN
TRONTIUM-90 PC/L	001	EFFLUENT VALUE 1513001430101	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			MONTHLY
TRONTIUM-90 PC/L	002	EFFLUENT VALUE 1613001430301	LIMIT	MONITORING REQUIRED-	NO LIMITS			GRAB
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			INSTANT
TRONTIUM-90 PC/L	004	EFFLUENT VALUE 1713001430401	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			SEMI-AN
COINE-129 PC/L	001	EFFLUENT VALUE 1813001420101	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			MONTHLY
COINE-129 PC/L	003	EFFLUENT VALUE 1913001420301	LIMIT	MONITORING REQUIRED-	NO LIMITS			GRAB
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			INSTANT
COINE-129 PC/L	004	EFFLUENT VALUE 2013001430401	LIMIT	MONITORING REQUIRED-	NO LIMITS			24 HR COMP
			REPORTED VALUE	SEE ATTACHED	DATA SHEETS			SEMI-AN

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TYPEWRITTEN NAME AND TITLE J. P. Duckworth, General Manager

☒ 1 PERMITTEE
☐ 2 AGENT

SIGNATURE

DATE

5/22/81

NUCLEAR FUEL SERVICES

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WEST VALLEY

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SPDES - DISCHARGE MONITORING REPORT

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REGION	COUNTY	DATE PRODUCED	PAGE	of					
01	CATTARAUGUS	03-07-82	1	1					
FACILITY I.D.		REPORT PERIOD	THRU						
01-0000000000		03-01-82	03-31-82						
PARAMETER/UNITS	OUT FALL	MONITORING LOCATION	LIMIT	MINIMUM	AVERAGE	MAXIMUM	EX	TYPE	FREQUENCY
UNDESIRABLE SOLIDS	001	EFFLUENT VALVE	REPORTED VALUE	35.6	0	0	0	0	0
TEMPERATURE	001	EFFLUENT VALVE	REPORTED VALUE	51.8	0	0	0	0	0
TEMPERATURE	006	EFFLUENT VALVE	REPORTED VALUE	6.7	0	0	0	0	0
TEMPERATURE	001	EFFLUENT VALVE	REPORTED VALUE	8.5	0	0	0	0	0
TEMPERATURE	004	EFFLUENT VALVE	REPORTED VALUE	6.8	0	0	0	0	0
TEMPERATURE	005	EFFLUENT VALVE	REPORTED VALUE	7.0	0	0	0	0	0
TEMPERATURE	006	EFFLUENT VALVE	REPORTED VALUE	6.9	0	0	0	0	0
TEMPERATURE	005	EFFLUENT VALVE	REPORTED VALUE	0.035	0	0	0	0	0
TEMPERATURE	001	EFFLUENT VALVE	REPORTED VALUE	0.02	0	0	0	0	0
TEMPERATURE	001	EFFLUENT VALVE	REPORTED VALUE	<0.02	0	0	0	0	0

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TYPEWRITTEN NAME AND TITLE

J. P. Duckworth, General Manager

☒ 1 PERMITTEE
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SIGNATURE

DATE

5/22/82

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SPDES - DISCHARGE MONITORING REPORT

SEE REVERSE SIDE OF PART 4 FOR INSTRUCTIONS

REGION	COUNTY	DATE PRODUCED	PAGE
FACILITY I.D.		REPORT PERIOD	of

OUT FALL	FOR I PARAMETER/UNITS	MONITORING LOCATION	REPORT SECTION				SAMPLE CHARACTERISTICS	
			LIMIT	MINIMUM	AVERAGE	MAXIMUM	TYPE	FREQUENCY
001	SUSPENDED SOLIDS	EFFLUENT VALUE 510105010101	REPORTED VALUE			1.0000	24 HR COMP	MONTHLY
			LIMIT			0.018		
			REPORTED VALUE			100.0000		
002	SUSPENDED SOLIDS	EFFLUENT VALUE 520105010101	REPORTED VALUE		4.6		24 HR COMP	MONTHLY
			LIMIT			45.0000		
			REPORTED VALUE		24.1			
003	SUSPENDED SOLIDS	EFFLUENT VALUE 530105010101	REPORTED VALUE			100.0000	24 HR COMP	MONTHLY
			LIMIT			45.0000		
			REPORTED VALUE		42.6			
004	SUSPENDED SOLIDS	EFFLUENT VALUE 540105010101	REPORTED VALUE			35.0	24 HR COMP	MONTHLY
			LIMIT			0.0000		
			REPORTED VALUE		30.0000			
001	SUSPENDED SOLIDS	EFFLUENT VALUE 550105010101	REPORTED VALUE			0.24	24 HR COMP	MONTHLY
			LIMIT			0.0000		
			REPORTED VALUE		42.6			
001	SUSPENDED SOLIDS	EFFLUENT VALUE 560105010101	REPORTED VALUE			<0.03	24 HR COMP	MONTHLY
			LIMIT			0.0000		
			REPORTED VALUE		30.0000			
001	SUSPENDED SOLIDS	EFFLUENT VALUE 570105010101	REPORTED VALUE			0.0000	24 HR COMP	MONTHLY
			LIMIT			0.0000		
			REPORTED VALUE		0.003			
001	SUSPENDED SOLIDS	EFFLUENT VALUE 580105010101	REPORTED VALUE			0.14	24 HR COMP	MONTHLY
			LIMIT			0.0000		
			REPORTED VALUE		0.0000			
005	SUSPENDED SOLIDS	EFFLUENT VALUE 590105010101	REPORTED VALUE			0.98	24 HR COMP	MONTHLY
			LIMIT			1.0000		
			REPORTED VALUE		0.98			

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TYPEWRITTEN NAME AND TITLE

☒ 1 PERMITTEE
☐ 2 AGENT

SIGNATURE

DATE _____

DATE 5/22/87

NUCLEAR FUEL SERVICES
PO BOX 124
WEST VALLEY NY

NY 14171

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SPDES -- DISCHARGE MONITORING REPORT

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REGION	COUNTY	DATE PRODUCED	PAGE
CATTARAUGUS		3-27-21	of
FACILITY I.D.		REPORT PERIOD	THRU

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TYPEWRITTEN NAME AND TITLE

J. P. Duckworth, General Manager

☒ 1 PERMITTEE
☐ 2 AGENT

SIGNATURE

DATE _____

DATE 5/22/89

NUCLEAR FUEL SERVICES

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WEST VALLEY

人：

14171

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RADIOACTIVITY, pCi/L

Outfall	Date	Gross Alpha	Gross Beta	Tritium	Sr-90	I-129	Isotopic Gamma	
001	1/29+30/81	<6.09	$3.00 \pm .24(10^4)$	$1.19 \pm .01(10^8)$	$1.58 \pm 0.16(10^2)$	N.A.	Co-60	$2.6 \pm 0.26(10^2)$
							Cs-134	$4.8 \pm 0.64(10^3)$
							Cs-137	$1.9 \pm 0.19(10^3)$
001	2/21/81	<7.48	$1.90 \pm 0.20(10^4)$	$6.40 \pm .03(10^7)$	N.A.	N.A.	Co-60	$1.5 \pm 0.15(10^2)$
							Cs-134	$2.0 \pm 0.51(10^1)$
							Cs-137	$8.6 \pm 0.86(10^2)$
001	4/27+28/81	$<2.22(10^1)$	$1.30 \pm .18(10^4)$	$7.01 \pm .03(10^7)$	N.A.	N.A.	N.A.	
003	11/9/80	$2.21 \pm 1.50(10^1)$	$5.82 \pm .09(10^5)$	$1.70 \pm .03(10^8)$	$1.16 \pm 0.12(10^5)$	N.A.	Co-60	$8.3 \pm 0.83(10^3)$
							Cs-134	$1.2 \pm 0.12(10^4)$
							Cs-137	$3.6 \pm 0.36(10^5)$
003	11/14/80	$3.09 \pm 1.73(10^1)$	$1.16 \pm .01(10^6)$	$7.80 \pm .16(10^8)$	$6.00 \pm 0.60(10^4)$	N.A.	K-40	$2.1 \pm 0.83(10^2)$
							Co-60	$1.30 \pm 0.13(10^4)$
							Cs-134	$8.4 \pm 0.84(10^5)$
							Cs-137	$1.7 \pm 0.17(10^5)$
003	11/18/80	$5.73 \pm 2.29(10^1)$	$1.55 \pm .02(10^6)$	$5.90 \pm .12(10^8)$	$<3.03(10^2)$		Co-60	$2.8 \pm 0.28(10^4)$
							Cs-134	$1.0 \pm 0.10(10^4)$
							Cs-137	$2.9 \pm 0.29(10^5)$
003	11/22/80	$6.84 \pm 2.46(10^1)$	$1.60 \pm .02(10^6)$	$1.38 \pm .03(10^9)$	$1.54 \pm 0.15(10^5)$		K-40	$1.0 \pm 0.53(10^2)$
							Mn-54	$5.0 \pm 2.1(10^1)$
							Co-60	$5.9 \pm 0.59(10^3)$
							Cs-134	$7.9 \pm 0.79(10^3)$
							Cs-137	$3.0 \pm 0.3(10^5)$
003	11/25/80	$1.32 \pm .34(10^2)$	$1.77 \pm .02(10^6)$	$1.65 \pm .03(10^9)$	$<5.27(10^2)$	N.A.	Co-60	$4.6 \pm 0.46(10^3)$
							Cs-134	$6.0 \pm 0.6(10^3)$
							Cs-137	$3.6 \pm 0.36(10^5)$

RADIOACTIVITY, pCi/L (Contd.)

Outfall	Date	Gross Alpha	Gross Beta	Tritium	Sr-90	I-129	Isotopic Gamma	
003	2/16/81	$2.84 \pm 2.62(10^1)$	$7.01 \pm .01(10^5)$	$5.65 \pm .01(10^8)$	$1.06 \pm 0.11(10^5)$	N.A.	Mn-54	$7.7 \pm 1.9(10^1)$
							Co-60	$5.7 \pm 0.57(10^3)$
							Cs-134	$7.5 \pm 0.75(10^3)$
							Cs-137	$2.8 \pm 0.28(10^5)$
003	3/25/81	$5.03 \pm .28(10^3)$	$1.92 \pm .02(10^6)$	$2.06 \pm .01(10^9)$	N.A.	N.A.	N.A.	
003	3/30/81	$2.64 \pm .06(10^4)$	$2.27 \pm .02(10^6)$	$2.56 \pm .01(10^9)$	N.A.	N.A.	N.A.	
003	4/9/81	$3.24 \pm 2.75(10^1)$	$4.79 \pm .02(10^6)$	$5.44 \pm .01(10^8)$	N.A.	N.A.	N.A.	
004	Jan. 1981	<1.08	$3.60 \pm 2.73(10^1)$	$1.21 \pm .22(10^3)$	<8.78	N.A.	No Identifiable Peaks	

N.A. = Not yet available.