

PDR 50-201

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

A Subsidiary of Getty Oil Company

(716) 942-323

June 11, 1979

9-79-31

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 5/1/79 through 5/31/79 are enclosed for your information. Also included are radioactivity results for March 001 and 003, April 003, and 1st half 1979 004 discharges. On April 4 and 5, 1979, 57,000 gallons of surface run-off water was transferred from outfall 003 for treatment at the LLWT facility. This quantity, as effluent value 0200056050301, was inadvertently omitted from the April SPDES Discharge Monitoring Report.

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

Very truly yours,

NUCLEAR FUEL SERVICES, INC.

[Signature]
for W. A. Oldham
General Manager

SRG/aa
Attach.

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

SEE EXEMPT

13240

647 250 7908140 459

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UPDATED RADIOACTIVITY RESULTS

<u>Measurement</u>	<u>Units</u>	<u>001-March 1979</u>	<u>003-March 1979</u>	<u>003-April 1979</u>	<u>004-1st Half, 1979</u>
Gross Alpha	μCi/ml	<7.20 (10 ⁻⁹)	<9.31 (10 ⁻⁹)	2.74 ± .44 (10 ⁻⁷)	<1.24 (10 ⁻⁹)
Gross Beta	μCi/ml	1.38 ± 1.16 (10 ⁻⁶)	3.99 ± .25 (10 ⁻⁵)	3.43 ± .24 (10 ⁻⁵)	6.29 ± 2.42 (10 ⁻⁸)
Tritium	μCi/ml	1.71 ± .03 (10 ⁻⁴)	1.86 ± .04 (10 ⁻³)	7.80 ± .15 (10 ⁻⁴)	1.08 ± .20 (10 ⁻⁶)
Strontium-90	μCi/ml	1.00 ± .14 (10 ⁻⁷)	2.16 ± .22 (10 ⁻⁵)	1.59 ± .16 (10 ⁻⁵)	<2.00 (10 ⁻⁸)
Iodine-129	μCi/ml	8.63 ± 3.38 (10 ⁻⁹)	1.31 ± .31 (10 ⁻⁸)	<3.01 (10 ⁻⁹)	<2.91 (10 ⁻⁹)
Isotpic Gamma: Cs-137	μCi/ml	2.10 ± .82 (10 ⁻⁷)	None Detectable	3.50 ± .35 (10 ⁻⁶)	2.08 (10 ⁻⁷)

POOR ORIGINAL

91-15-4 (4/76)

REGION 9	COUNTY CATTAUGUS	DATE PRODUCED 05-2-79	PAGE 1 of 2
FACILITY I.D. NY 0000972		REPORT PERIOD 05-1-79 THRU 05-31-79	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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	TYPE	FREQUENCY
FLOW RATE MGD	001	EFFLUENT VALUE 010015605011	REPORTED VALUE	NO DISCHARGES THIS PERIOD				INSTANT
FLOW RATE MGD	002	EFFLUENT VALUE 0200056050311	REPORTED VALUE	NO TRANSFERS THIS PERIOD				INSTANT
SUSPENDED SOLIDS MG/L	001	EFFLUENT VALUE 030115401011	REPORTED VALUE	NO DISCHARGES THIS PERIOD			24 HR COMP	MONTHLY
TEMPERATURE DEG F	001	EFFLUENT VALUE 040001003011	REPORTED VALUE	*****	*****	90.000		INSTANT
TEMPERATURE DEG C	006	EFFLUENT VALUE 0500010040601	REPORTED VALUE	*****	*****	32.000	GRAB	BI-WEEKLY
PH SU	001	EFFLUENT VALUE 060040012011	REPORTED VALUE	*****	*****	13	0	
PH SU	004	EFFLUENT VALUE 0700400120401	REPORTED VALUE	*****	*****	6.1	0	
PH SU	005	EFFLUENT VALUE 0800400120501	REPORTED VALUE	*****	*****	6.4	0	
PH SU	006	EFFLUENT VALUE 0900400120601	REPORTED VALUE	*****	*****	6.5	0	
AMMONIA, TOTAL (NH MG/L	006	EFFLUENT VALUE 1000610010601	REPORTED VALUE	*****	*****	0.50	0	

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, Acting General Manager

SIGNATURE

J. P. Duckworth

☒ 1 PERMITTEE

☐ 2 AGENT

DATE

6-13-79

NUCLEAR FUEL SERVICES

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ORIGINAL

REGION 9	COUNTY CATTARAUGUS	DATE PRODUCED 05-02-79	PAGE 2 of 4
FACILITY I.D. NY0000973		REPORT PERIOD 05-01-79 THRU 05-31-79	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPDES - DISCHARGE MONITORING REPORT

SEE THE REVERSE SIDE OF PART 4 FOR INSTRUCTIONS

PARAMETER/UNITS	OUT FALL	MONITORING LOCATION	REPORT SECTION				SAMPLE CHARACTERISTICS	
				MINIMUM	AVERAGE	MAXIMUM	# EX.	TYPE
NARIUM MG/L	001	EFFLUENT VALUE 1101007010101	LIMIT	*****	*****	1.000		24 HR COMP MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES		
LEAD MG/L	001	EFFLUENT VALUE 1201051010101	LIMIT	*****	*****	0.050		24 HR COMP MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES		
MANGANESE-TOTAL MG/L	001	EFFLUENT VALUE 1301055010101	LIMIT	*****	*****	1.000		24 HR COMP MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES		
SUSPENDED SOLIDS MG/L	002	EFFLUENT VALUE 1400154010201	LIMIT	*****	50.000	100.000		24 HR COMP MONTHLY
			REPORTED VALUE	*****	4.0	4.0	0	
SUSPENDED SOLIDS MG/L	004	EFFLUENT VALUE 1500154010401	LIMIT	*****	50.000	45.000		24 hr COMP QUARTERLY
			REPORTED VALUE	*****	NOT REQUIRED	THIS PERIOD		
SUSPENDED SOLIDS MG/L	005	EFFLUENT VALUE 1600154010501	LIMIT	*****	50.000	100.000		24 HR COMP MONTHLY
			REPORTED VALUE	*****	24	24	0	
BIO OXYGEN DEMAND- MG/L	004	EFFLUENT VALUE 1700001010401	LIMIT	*****	50.000	45.000		24 HR COMP QUARTERLY
			REPORTED VALUE	*****	NOT REQUIRED	THIS PERIOD		
ZINC MG/L	001	EFFLUENT VALUE 1805006010101	LIMIT	*****	*****	0.300		24 HR COMP MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES		
CHROME-TOTAL MG/L	001	EFFLUENT VALUE 1905007010101	LIMIT	*****	*****	0.050		24 HR COMP MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES		
COPPER MG/L	001	EFFLUENT VALUE 2005009010101	LIMIT	*****	*****	0.200		24 HR COMP MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES		

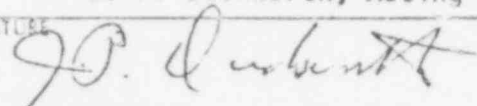
I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

TYPEWRITTEN NAME AND TITLE

J. F. Duckworth, Acting General Manager

☒ 1 PERMITTEE
☐ 2 AGENT

SIGNATURE



DATE

6-13-79

NUCLEAR FUEL SERVICES

POST OFFICE BOX 124

WEST VALLEY

LY 14171

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REGION	COUNTY	DATE PRODUCED	PAGE
9	14 CATTARAUGUS	05-2-79	3
FACILITY I.D.		REPORT PERIOD	
NY0000973		05-11-79 THRU 05-31-79	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SPDES - DISCHARGE MONITORING REPORT

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				MINIMUM	AVERAGE	MAXIMUM	# EX.	TYPE	FREQUENCY
NICKEL MG/L	001	EFFLUENT VALUE 21037100101 1	LIMIT	*****	*****	0.300		24 HR COM	MONTHLY
			REPORTED VALUE	*****	*****	NO DISCHARGES			
IRON-TOTAL MG/L	006	EFFLUENT VALUE 22850120106 1	LIMIT	*****	*****	1.000		24 HR	BI-WEEKLY
			REPORTED VALUE	*****	*****	<.04	0		
SETTLABLE SOLIDS ML/L	004	EFFLUENT VALUE 23097031404 1	LIMIT	*****	0.100	0.300		60 HB	WEEKLY
			REPORTED VALUE	*****	<.1	<.1	0		
AMMONIA-FREE MG/L	006	EFFLUENT VALUE 24999240106 1	LIMIT	*****	*****	0.150	1	60 HB	BI-WEEKLY
			REPORTED VALUE	*****	*****	.0004	0		
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