



CHAIRMAN
~~XXXXXXXXXX~~
COMMISSIONER OF COMMERCE

State of New York
ATOMIC ENERGY COUNCIL
Department of Commerce
89 Washington Avenue
Albany, New York 12210

STAFF COORDINATOR
DR. WILLIAM E. SEYMOUR
DEPUTY COMMISSIONER
DIV. OF INDUSTRIAL SCIENCES
AND TECHNOLOGIES

June 17, 1975

Mr. Thomas J. Cashman
Director, Bureau of Radiation
NYS Department of Environmental
Conservation
50 Wolf Road
Albany, New York 12205

Dear Tom:

Enclosed is a copy of additional results of analyses performed by the Idaho Health Services Laboratory (ERDA) on soil samples taken at the United Nuclear Pawling site in early April and submitted by your staff for analyses on April 8, 1975. As you may recall, the initial analyses were performed April 24, 1975 on only the portion of the samples which were sufficiently fine to filter through a 35 mesh screen (-35 mesh portion). The enclosed results are for the analyses performed May 28, 1975 on the portion of the samples larger than the 35 mesh screen (+35 mesh portion). The results of my calculations of the concentration of plutonium in the total sample (weighted average of the +35 and -35 mesh portions) are also enclosed.

Please advise me if this approach satisfies your ad hoc criteria of 2.0 dpm Pu/gram of dry soil for the Pawling site, so that the NRC and United Nuclear can be notified.

Sincerely,

Fred V. Strnisa
Committee on Licensing

Enc.

cc: W. Crow - NRC
W. Kerr - " "
P. Stohr - " "

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PDR FOIA
NORRIS90-406 PDR

IDAHO OPERATIONS OFFICE
ANALYTICAL CHEMISTRY BRANCH

LABORATORY

20712

ROUTINE SPECIAL

SAMPLE RECORD SHEET

SERIAL NO.

SAMPLE FROM: Gulf United Nuclear
Plant, New York
COLLECTED BY: James H. Wong, M. St.

DATE SUBMITTED: 4/18/75

SAMPLES RECEIVED: 4/18/75

ANALYSIS COMPLETED: 5/27/75

ANALYZED BY: R. P.

NO.	DATE	HOUR	SAMPLE DESCRIPTION	ANAL. FOR	INST. USED	+35 QUANT. USED	TIME CNTD.	COUNT TIME	TOTAL COUNT	GROSS COUNT C	BKGD. C	NET COUNT C	RESULTS OF
			Area No. 1	238	5	10	147	5764	209		7	14085	0.016 ± 0.001
			+35 = 1138	239	5	10	147	5764	2380		2	14085	0.208 ± 0.005
			-35 = 187										(10%)
			Area No. 4	238	4	10	147	5763	264		5	18154	0.017 ± 0.001
			+35 = 808	239	4	10	147	5763	3413		0	18154	0.245 ± 0.001
			-35 = 253										(10%)
			Area No. 4A	238	2	10	147	5754	126		6	17661	0.002 ± 0.001
			+35 = 788	239	2	10	147	5754	922		0	17661	0.065 ± 0.005
			-35 = 315										(10%)
			-35 = 315										
			Note: 35 Mesh Fraction Analyzed 4/30/75										
			* In portions of +35 mesh material which were crushed, ground, and blended.										

NOTIFIED: Phil Stok

TIME: 0830, 5/28/75

RESAMPLING YES

APPROVED: D. R. Percival

Plutonium Concentrations in Soil Samples Taken From the Pawling Site, April 1975

Sample	Isotope	Concentration, -35 mesh portion (dpm Pu/g)	Mass, -35 mesh (grams)	Concentration, +35 mesh portion (dpm Pu/g)	Mass, +35 mesh (grams)	Concentration of Pu in Total Sample, weighted average of +35 and -35 mesh portions (dpm Pu/g)
1	Pu-238	.42	187	.016	1138	0.073
	Pu-239	6.1		.208		1.040
4	Pu-238	.19	253	.017	808	0.058
	Pu-239	2.66		.245		0.821
4A	Pu-238	.20	345	.007	788	0.066
	Pu-239	3.52		.065		1.117



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
831 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19001

7/80

NOV 31 1979

Congressman Hamilton Fish, Jr.
United States House of Representatives
Washington, D.C. 20515

ATTN: Mr. David Gilroy
Assistant to Congressman Hamilton Fish, Jr.

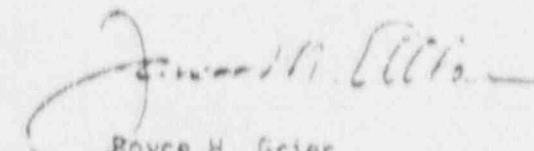
Subject: Gulf Nuclear Fuels, Incorporated - Pawling Plutonium Laboratory,
Pawling, New York

During your telephone discussion with H. W. Crocker, of my staff on August 29, 1979, you requested a copy of the following information related to the Pawling Plutonium Laboratory:

Inspection Report 70-903/72-02
Inspection Report 70-903/74-01
NUREG-0350, Vol. 1, No. 1 - Page 59

The requested material is enclosed. Should you have any additional questions, please contact this office.

Sincerely,


Boyce H. Grier
Director

cc: John Cronin
Assistant to Congressman Hamilton Fish, Jr.
82 Washington Street
Poughkeepsie, New York 12601

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