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Mr. Henry J. Montagni
36-26 208 Street
Bayside, New York 11361

Dear Mr. Montagni:

Your letter of December 31, 1983, to Oak Ridge, Tennessee, was forwarded to this office for response.

As requested in your letter of December 31, 1983, I am enclosing the soil sample results from the March 1980 survey. I am also enclosing soil sample results of samples taken subsequent to March 1980. It should be noted that the enclosed soil sample results are within the typical background levels for the New York area (1 pCi/gm).

If there are any questions, please call Mr. Arthur J. Whitman of my staff on 301-353-5439.

Sincerely,

Original signed by:

John E. Baublitz

John E. Baublitz, Director
Division of Remedial Action Projects
Office of Terminal Waste Disposal
and Remedial Action
Office of Nuclear Energy

Enclosures

bcc:

B. Berven, ORNL
A. Whitman, NE-24
Aerospace

NE-73 (4)
NE-24 RF
Whitman RF

NE-24:AWhitman:ph:353-5439:2/28/84:AW131:

2/28/84

B-156

36-26 208 Street
Bayside, N.Y. 11361
Dec. 31, 1983

Dear Sir,

I am a resident of Bayside New York and looking to purchase a condo in a complex called Baybridge which also is located in Bayside, New York.

This Condo (Baybridge) is located on land once owned by the Sylvania-Corning Nuclear Corporation, New York City Health and Radiation Department sent soil samples to Oakridge for analysis. This was done in March 1980. I would like to obtain a copy of this report since I will be making an investment in a condo on the Sylvania site. Obviously, I want to be sure there is no future problems with radiation levels which could be harmful.

Please let me know if there are any fees for ~~copying~~ obtaining a copy of this report.

Thanks for your cooperation.

Sincerely,
Henry J. Montagni
HENRY J. MONTAGNI

Table 1. Concentrations of ^{238}U , ^{226}Ra , and ^{232}Th in soil samples obtained from the former Sylvania-Corning Nuclear Corporation site, New York

MARCH 1980

Sample ^a	Radionuclide concentrations (pCi/g) ^b		
	^{238}U	^{226}Ra	^{232}Th
BNY1	0.99	0.84 (0.07)	0.92 (0.08)
BNY2	1.1	1.1 (0.05)	1.1 (0.06)

^aLocations of samples are shown in Fig. 5.

^bIndicated errors associated with these concentrations are two sigma (95% confidence).

Results of Analyses of Soil Samples From Bayside, New York
(Samples received from EML/DOE)

MLP-11-1982

Sample Number	Concentration of Radionuclide (pCi/g)	
	$^{226}\text{Ra}^a$	$^{238}\text{U}^b$
GTE 1	0.72 ± 0.02	0.52
GTE 2	0.74 ± 0.04	0.48
GTE 3	0.59 ± 0.04	0.46
GTE 4	0.38 ± 0.01	0.33
GTE 5	0.47 ± 0.03	0.49

^aIndicated counting error associated with these concentrations are 2σ (95% confidence level).

^bErrors associated with these concentrations are $\pm 3\%$.

Results of Analysis of Soil Samples from Bayside, New York
(Received from New York City, Dept. of Health 10/10/80)

Sample Designation		Radionuclide Concentration (pCi/g)
ORNL No.	Location	^{238}U
SBN 1	excavation at 9 ft	0.6
SBN 2	"	0.55
SBN 3	"	0.40
SBN 4	"	0.40
SBN 5	"	0.33
SBN 6	"	0.33
SBN 7	"	0.26
SBN 8	"	0.31
SBN 9	"	0.16
SBN 10	"	0.38
SBN 11	"	0.52
SBN 12	"	0.42
SBN 13	"	0.40
SBN 14	"	0.54
SBN 15	"	0.59

*Errors associated with these concentrations are $\pm 3\%$.

Results of Analysis of Soil Samples from Bayside, New York
(Samples received from EML/DOE)

Sample Designation		Radionuclide Concentration (pCi/g)		
ORNL No.	Location	$^{238}\text{U}^a$	$^{226}\text{Ra}^b$	$^{232}\text{Th}^b$
<u>10/13/80</u>				
GTE 1	c	0.52	0.72 ± 0.04	0.46 ± 0.04
GTE 2	c	0.48	0.68 ± 0.06	0.78 ± 0.32
GTE 3	c	0.46	0.59 ± 0.06	0.62 ± 0.07
GTE 4	c	0.33	0.38 ± 0.02	0.41 ± 0.02
GTE 5	c	0.49	0.47 ± 0.05	0.57 ± 0.05
<u>07/22/81</u>				
(5-8 ft depths)				
GTE 6	South pond of Section No. 1 (site of old building)	0.52	0.45 ± 0.02	0.63 ± 0.04
GTE 7	East of new Bldg. No. 8	0.63	0.54 ± 0.02	0.71 ± 0.02
GTE 8	Near new Bldg. No. 3	0.91	0.86 ± 0.04	1.1 ± 0.04
GTE 9	Near new Bldg. No. 7	0.88	0.79 ± 0.04	1.0 ± 0.05
<u>05/10/82</u>				
GTE 10	Bldg. 11E	0.73	0.62 ± 0.02	0.84 ± 0.04
GTE 11	Bldg. 11N	0.60	0.46 ± 0.04	0.72 ± 0.04
GTE 12	Bldg. 14E	0.36	0.35 ± 0.02	0.46 ± 0.03
GTE 13	Bldg. 14N	0.64	0.59 ± 0.05	1.7 ± 0.08

^aErrors associated with these concentrations are $\pm 3\%$.

^bIndicated counting error associated with these concentrations are

2 σ .

^cLocations are not known.

Results of Analysis of Soil Samples from Bayside, New York
(Samples received from EML/DOE)

Sample Designation		Radionuclide Concentration (pCi/g)		
ORNL No.	Location	$^{238}\text{U}^a$	$^{226}\text{Ra}^b$	$^{232}\text{Th}^b$
<u>02/23/83</u>				
SBE 1	Bldg. 19	0.57	0.49 ± 0.07	0.64 ± 0.22
SBE 2	Bldg. 16	0.73	0.75 ± 0.05	0.98 ± 0.67
SBE 3	Bldg. 15	0.93	0.92 ± 0.19	1.0 ± 0.43
SBE 4	Bldg. 15	0.60	0.66 ± 0.06	0.92 ± 0.56

^aErrors associated with these concentrations are $\pm 3\%$ (95% confidence level).

^bIndicated counting error associated with these concentrations are 2 σ .