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JUN 25 1979

Mr. Richard E. Cunningham, Director
Fuel Cycle and Materials Safety
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Cunningham:

We received the enclosed May 21, 1979, radiological survey report for the old Sylvania site at Hicksville, Long Island, from the Brookhaven Area Office. Since some activities at the site were formerly conducted under license, we believe you may be interested in it.

If you have any questions, please give us a call (353-3016).

Sincerely,

William E. Mott, Acting Director
Environmental Control Technology Division

Enclosure

cc: David Schweller, BAO
bcc: W. Mott, EV-13
Aerospace

MC # 62426

CONCURRENCE:
RTG. SYMBOL
EV-131
INITIALS/ SIG.
W. Mott
DATE
6/20/79
RTG. SYMBOL
EV-131
INITIALS/ SIG.
W. Ramsey
DATE
6/21/79
RTG. SYMBOL
EV-13
INITIALS/ SIG.
W. Mott
DATE
6/22/79
RTG. SYMBOL
INITIALS/ SIG.
DATE
RTG. SYMBOL
INITIALS/ SIG.
DATE
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INITIALS/ SIG.
DATE

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Department of Energy
Brookhaven Area Office
Upton, New York 11973

May 24, 1979

William E. Mott, Director (EV 13)
Environmental Control Technology Division, HQ

PRIOR AEC SITE

As per discussions with A. Kluk of your Staff, I am forwarding a copy of the Radiological Assistance Program (RAP) response to a past AEC contractor site at Hicksville, New York. As the report indicates, a RAP team was requested to investigate the site by the New York State Department of Environment Conservation (DEC). Mr. Kluk had indicated to my Staff that the levels found at this site may be of some concern. He requested that the data be forwarded to Washington for review. The NYSDEC was informed of the results of our survey and that the data would be forwarded to Washington.

After review of this data, I would appreciate if you would notify this office of any additional actions to be taken. If you require any further information please contact Robert Friess (666-3430) of my Staff.

David Schweller
Area Manager

Enclosure:
RAP Report 79-7

cc: K. Baker, OES, HQ (EV-123) w/ encl.

Handwritten note: Please copy to be informed.

66-176

Handwritten initials: J... 7/2/79



Department of Energy
Brookhaven Area Office
Upton, New York 11973

TO: R. Friess *RF*

DATE: 5/21/79

INDEX NO.: 79-7

FROM: L. Phillips *LP*

SUBJECT: Possible Contamination of Old Sylvania Site in Hicksville

DATE: 5/9/79

NAME OF CALLER(S): Donald Middleton

TITLE:

ORGANIZATION: DEC

PHONE NUMBER: 516-751-7900

NATURE OF CALL: Middleton requested RAP assistance in the evaluation of potential soil contamination at the former site of the Sylvania fuel fabrication facility in Hicksville.

DISPOSITION: Four BNL, S&EP personnel responded as follows:

R. Casey - Public Relations
L. Phillips - Team Captain
A. Lukas - Surveyor
E. Carter - Surveyor

Gamma and alpha radiation surveys were made. Soil, vegetation and water samples were collected. General gamma exposure rates were barely detectable above background. The maximum gamma exposure rate detected at ground level was 0.3 to 0.35 mR/hr. See attached map. No surface alpha activity was detected. Results of samples collected are summarized in the attached table. The observed concentration of uranium and thorium in the soil do not indicate any potential public health hazard. However, the results of these measurements are being sent to the Department of Environmental Control and Technology in DOE headquarters for their further review.

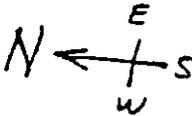
SUMMARY OF DATA - RAP CALL, HICKSVILLE, 5/18/79

Sample Location	Sample Type	^{238}U		^{232}Th	
		ppm	pCi/gm	ppm	pCi/gm
#1 Yale property (SE corner)	Soil Core (~14") Veg.	4,128	1,362	160	17.4
		654	216	46	5
		MDL	MDL	MDL	MDL
#2 75' W ball field 15' N parking lot fence	Soil Veg	114	38	10.6	1
		MDL	MDL	MDL	MDL
#3 Sump	Surface H_2O	MDL	MDL	MDL	MDL
	H_2O				
	Sludge				
	Sludge H_2O				

MINIMUM DETECTABLE LEVEL

	^{238}U pCi/gm	^{232}Th pCi/gm
Soil	22	0.8
Vegetation	2	0.2
Water	1	0.15

5/9/1977



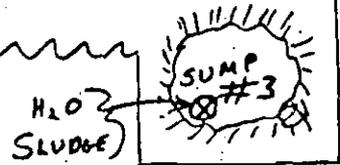
GOLF PUTTING FIELD

#1

FENCE

SOIL
VEG. }
CORE
~14"
~.30-.35 mR/hr

#2 x 75' x 15'
SOIL }
VEG. }
~ 0.1 mR/hr



YALE
INDUSTRIAL
TRUCK
#140

OLD
SYLVANIC
SITE

AIR
TEC.

100'

~200'

CANTIAGUE ROCK ROAD

(JERRY SPIEGEL)
516-938-6240