



Department of Energy

Washington, DC 20585

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DEC 16 1992

██████████
██████████
Director, Bureau of Radiation
New York State Department of Environmental Conservation
50 Wolf Road
Albany, New York 12233

Dear ██████████:

The Department of Energy (DOE) requested that Oak Ridge National Laboratory perform a radiological survey of a landfill near Tonawanda, New York. By mutual agreement, the New York State Department of Environmental Conservation participated in the survey. The participation included joint measurement of radiation levels at the site, splitting of samples, and other activities of mutual benefit. Six copies of the survey report are enclosed for your information and use.

The radioactive elements in most of the areas surveyed are present at background levels, and the results of a systematic analysis of the soil is given in Table 3 beginning on Page 21 of the report.

In addition, the survey identified several small areas of the landfill which contain slightly elevated levels of uranium ore and waste products from the production of uranium. Areas of elevated activity are shown graphically in Figure 10 on Page 13. These areas were sampled as shown on Figure 14, and the results are reported in Table 3 as "Biased Samples" beginning on Page 25. Although americium was also identified in a few samples, its presence is not related to the activities of DOE's predecessors.

Based on the results of the survey, the Town of Tonawanda Landfill has been designated for remedial action as part of DOE's Formerly Utilized Sites Remedial Action Program. The designation is restricted to those portions of the landfill containing radioactive materials relating to the activities of DOE's predecessors. ██████████ of DOE's Oak Ridge Field Office will be the site manager and the appropriate point of contact.

If you have any questions, please call me at 301-903-8141. The appropriate contact for your staff is [REDACTED]; he can be reached at 301-903-8149.

Sincerely,

[REDACTED]

Director
Office of Eastern Area Programs
Office of Environmental Restoration

Enclosure (6)

CC:

[REDACTED], OR
[REDACTED] ORNL
[REDACTED], ORNL