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93-752

Department of Energy

Oak Ridge Operations
P.O. Box 2001
Oak Ridge, Tennessee 37831— 8723

September 29, 1993

[REDACTED]
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203

Dear [REDACTED]

**SEAWAY INDUSTRIAL PARK - REVIEW OF GAS EXTRACTION SYSTEM FOR THE NIAGARA
LANDFILL**

In accordance with your request made at our meeting on July 16, 1993, the Department of Energy (DOE) has completed a review of the proposal to install a gas extraction system at the Niagara Falls Landfill located at the Seaway Industrial Park. This property is included in DOE's Formerly Utilized Sites Remedial Action Program for remediation of residual radioactive material.

The purpose of the review was to determine the potential for release of radioactive material from the landfill resulting from operation of the gas extraction system. The system operating characteristics were obtained from the Browning-Ferris Gas Services, Inc. document titled Air Quality Construction Permit Application for Niagara Landfill, dated December 1992. Identification of potential releases were based on the average concentrations of radionuclides in areas B and C as determined by analytical results reported in DOE's Remedial Investigation Report for the Tonawanda Site, dated February 1993. The areas were compared to the extraction system configuration with the flare system and condensate collection tanks considered as potential release points for material to the environment. The results of the review indicate that operation of the system would not result in releases of radioactive particulate matter or radon gas to the environment in excess of DOE guidelines.

If you have any questions concerning DOE's assessment of potential releases, please call me at (615) 576-7477.

Sincerely,

[REDACTED]

Former Sites Restoration Division

cc: [REDACTED] NYSDEC
[REDACTED] BFI