

U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Report No. 999-90003/93042(DRSS)

Non-Licensee

Inspection At: Painesville Township Park
1025 Hardy Road
Painesville, Ohio

Inspection Conducted: December 6, 1993

Inspectors: D. G. Wiedeman for
D. G. Wiedeman
Senior Health Physicist

12/23/93
Date

R. L. Givinski for
R. L. Givinski
Radiation Specialist

12/23/93
Date

Approved: G. M. McCann for
G. M. McCann, Chief
Fuel Facilities and Decommissioning
Section

12/23/93
Date

Inspection Summary

Inspection on December 6, 1993 (Report No. 999-90003/93042(DRSS))

Areas Inspected: A special inspection was conducted to determine if radioactive material was inappropriately disposed of in the Painesville Township Park. None of the individuals that were interviewed had any specific details as to what radioactive materials were involved or where the radioactive contamination may have been deposited in the park.

Results: Of the areas surveyed, the NRC inspectors did not identify any radiation levels above natural background.

DETAILS

1. Persons Contacted

*Leo J. Talikka, Esq., Legal Counsel for the Painesville Township Park District

*Robert Horvath, Manager, Painesville Township Park

*Douglas McLean, Chief Ranger, Lake Metro Parks, Concord Township

#David Novel, Director, Painesville Township Park

*Attended the exit meeting on December 6, 1993.

#Telephone conversation conducted on December 20, 1993 regarding the results of the inspection.

2. Background

The Painesville Township Park is located at 1025 Hardy Road in the Township of Painesville and is the only park owned by the Painesville Township Park Board. This facility has been a park since the 1920's. Prior to being developed into a park it was a roadway along Lake Erie and wooded land. The park is approximately 37.3 acres of land and is surrounded by single family homes to the east, manufacturing and processing facilities operated by Uniroyal to the south, a fly ash processing facility owned by Cleveland Electric and Illuminating Company to the west, and Lake Erie is to the north of the park.

3. Independent Measurements

On December 6, 1993, the NRC inspectors conducted radiologic surveys in and around the park. The specific areas surveyed included baseball diamond #5, the roadway between diamond #4 and #5, the bathhouse and a wooded area northwest of the bathhouse.

These independent radiation surveys were performed with a Victoreen, Model 190 portable survey instrument with a Model RP-1 pancake probe, Serial No. 000549, calibrated on October 12, 1993; Ludlum Model 12 and 19 GM survey meter and microR meter, calibrated on October 6, 1993. Prior to the surveys all portable survey instruments were checked for accuracy and constancy with dedicated and traceable check sources.

On the day of the inspection, background radiation measurements were taken in the park district office for a comparison with that found in the park and surrounding areas. These background measurements showed that with the Victoreen Model 190, normal ambient background radiation was 45-55 counts per minute (cpm), the Ludlum Model 19 microR meter indicated 8-12 microrentgen/hour ($\mu\text{R/hr}$) (2-3 nC/kg/h). During the radiation surveys in and around the selected areas of the park, the NRC inspectors did not identify any radiation levels above natural background.

4. Exit Meeting

The NRC inspectors met with the individuals identified in Section 1 of this report and summarized the findings of the inspection. The inspectors informed all parties present that no radiation levels above natural background were identified. During the course of the inspection and during the exit meeting, the participants did not identify any inspection findings or statements as proprietary in nature.