

Full Report

Item Number: PA050017

Last Updated: 09/29/2006

Event Type: OTH - OTHER

Event Cause: QUALITY MANAGEMENT INADEQUATE

Event Date: 03/18/2005

Report Date: 03/18/2005

Licensee/Reporting Party Information:

Name: NON-LICENSEE

License Number: NA

City: RICHLANDTOWN

State: NR

Zip Code: NR

Other Information:

Reportable Event:

N

Reciprocity:

NONE

Atomic Energy Act Material:

N

Abnormal Occurrence:

N

Investigation:

Y

Send this Report to NRC:

Y

Consultant Hired:

N

Event Closed by State:

Y

Narrative:

On March 18th, 2005, Pennsylvania's Dept. of Environmental Protection Bureau of Radiation Protection (BRP) received notification of a waste vehicle radiation monitor alarm at a solid waste disposal facility in Richlandtown, PA. In accordance with the facility Radiation Protection Action Plan, the facility isolated the vehicle and BRP evaluated the contents of the load. BRP staff identified one hundred or more luminous parachute ripcord handles. Each luminous handle was a sphere of approximately one inch in diameter. The radioactive isotope was identified as Radium-226. Dose rates on the aggregate quantity were ~5 millirem/hr, ~0.4 millirem/hr on the side of the vehicle prior to removing the material. The material was surveyed and no smearable contamination was detected. The material had been stored in an outbuilding on a recently acquired property and the new landowner was performing cleanup on the property when the material was identified. The landowner contracted with a waste broker to dispose of the materials. There are no other materials of this nature at the property. Exposure to members of the staff and the public are negligible. The ripcords were transferred to the Army Corps of Engineers for proper disposal.

Corrective Actions:

Action Number: Corrective Action:

1 NA

2 MATERIAL DISPOSED OF AS WASTE

Keywords:

MATERIAL FOUND

RADIOACTIVE MATERIAL AT WASTE TRANSFER STATION

Source of Radiation:

Source Number: 1

Form of Radioactive Material: SEALED SOURCE

Radionuclide or Voltage (kVp/MeV): RA-226

Source Use: SELF LUMINOUS

Activity: Ci GBq

Manufacturer: UNKNOWN

Model Number:

Serial Number:

Device/Associated Equipment:

Device Number: 1

Device Name: RADIOLUMINESCENT DEVICE

Model Number:

Manufacturer: UNKNOWN

Serial Number:

References:

Reference Number:

Entry Date:

Coder Initials:

Type of Report:

050384

09/29/2006

NMED EVENT NUMBER