

# COMMON DEVICES CONTAINING RADIOACTIVE MATERIALS

How to Recognize Them And Whom to Call if You Find One in Georgia



Georgia DNR regulates the use of radioactive materials. The Rules and Regulations for Radioactive Materials state:

No person shall **receive, possess, use, transfer, own or acquire** radioactive material except as authorized in a specific or general license.

Georgia Department of Natural Resources  
Environmental Protection Division

Georgia Emergency Management Agency

Revised: April 2008



## COMMON DEVICES CONTAINING RADIOACTIVE MATERIALS CONTACT INFORMATION



Georgia Department of Natural Resources

Environmental Protection Division

2 Martin Luther King Jr. Drive

Atlanta, GA 30334

General Information During Business Hours

Radiation Programs—(404) 362-2675

rademergencynfo@dnr.state.ga.us



Georgia Emergency Management Agency

**REPORT ALL INCIDENTS TO:**

24 Hour Emergency Contact

1-800-241-4113 (within Georgia)

(404) 656-4863 (Atlanta or outside Georgia)

1-800-TRY-GEMA

(Use any one of these telephone numbers)

## Have you obtained a device containing radioactive materials?

- **SAFELY** approach from upwind, up-slope direction
- **ISOLATE AND SECURE** the device
- **LIMIT TIME** in contact with the device
- **NOTIFY** Georgia State authorities
- **OBTAIN** information about the device (see below)

## Have you encountered (but not obtained) a device containing radioactive materials?

- **NOTIFY** Georgia State authorities
- **INFORMATION** that should be reported includes:
  - Your name, address and contact telephone number
  - Location of encounter with driving directions
  - Description of the device and any labels found
  - Identity (name, address, contact telephone number) of person possessing the device
  - Vehicle description (make, model, color, license plate)

## Labels You May See...



### White I

Most commonly seen on packages containing x-ray fluorescence devices or small quantities of radioactive materials.



### Yellow II

Most commonly seen on packages for moisture / density gauges.



### Yellow III

Most commonly associated with industrial radiography exposure devices (commonly called "cameras").



### Caution— Radioactive Material

Displayed on some device components (moisture / density gauge handles, x-ray fluorescence). Trefoil may be magenta or black on a yellow background. A new international radiation symbol may also be used.



## Common Devices With Licensed Radioactive Materials

### Portable Nuclear Gauges

- May also be called "moisture / density gauges"
- Colors: Yellow, Orange, Blue (typical)
- Weight: 40—50 pounds



### Industrial Radiography Device

- May also be called a "camera"
- Colors: Black, Silver (typical)
- Weight: 60—70 pounds
- May be inside transport case with a radioactive label



### X-ray Fluorescence Analyzer

- May also be called a "lead paint" or "XRF" analyzer
- Colors: Black, White, Gray (manufacturer dependent)
- Weight: 5—10 pounds

