Actions in case of radiation detection

Training and information

absolute effectiveness and, therefore, the collaboration of all workers is necessary and essential to increase the safety of the facility

detailed investigation is everyone's concern and is beneficial for all

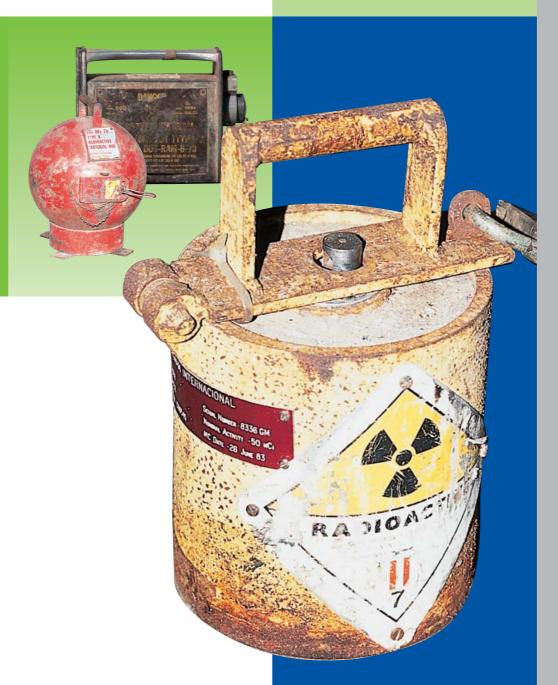
Communications must be addressed to

Consejo de Seguridad Nuclear Pedro Justo Dorado Dellmans, 11 28040 Madrid Tf.: 91 346 01 00 Fax: 91 346 05 88 E-mail: marcha@csn.es

RADIOACTIVITY SCRAP METAL recovery sector

Information for workers of the metallurgical industry and metal

programme that has been promoted Council. The final objective is to warrant







• The use of radioactive materials

The ionising radiations emitted by radioactive materials are used in different health, industrial, agricultural and scientific activities, since they constitute the best way to diagnose and cure some diseases, to find and analyse defects in materials, to inspect welds, to locate water

the activities that contain materials with radioactivity of natural origin in

the radioactive material must be managed only by authorized people in authorized facilities, even when these materials are waste products.

• The Protocol for collaboration on radiation monitoring of metallic

sporadically found outside the established system; in particular, in the process of **recovery and melting metallic materials**. Even if the possibility

situations in the metallurgical sector, the Ministry of Industry and Energy (today Ministry of Industry, Tourism and Trade), the Ministry of Civil Works, the Nuclear Safety Council (CSN), the National Company for Radioactive Waste (ENRESA), the Union of Iron and Steel Companies, the Spanish Federation for Metal Recovery (FER), the Mining, Iron and Steel **Federation of the Workers Commissions** (CC.OO), the **National Federation** of Metal, Construction and related activities of the Workers General Union (UGT) have signed an agreement (Protocol) on the monitoring and scrap metal is handled as raw material. Afterwards, the Spanish Association of Aluminum Refiners (ASERAL), the National Union of Copper Industries (UNICOBRE), the Union of Lead Industries (UNIPLOM), and the Spanish Federation of Melters Associations (FEAF).

Lighting rods





lonic smoke detectors



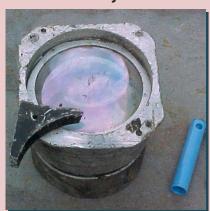


Indicators with luminous paints





Lenses or alloys with Th-232







Radioactive elements found in scrap metal



Equipment with radioactive sources



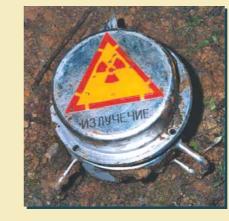


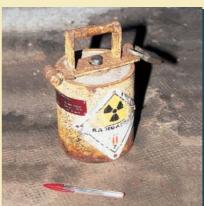


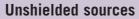














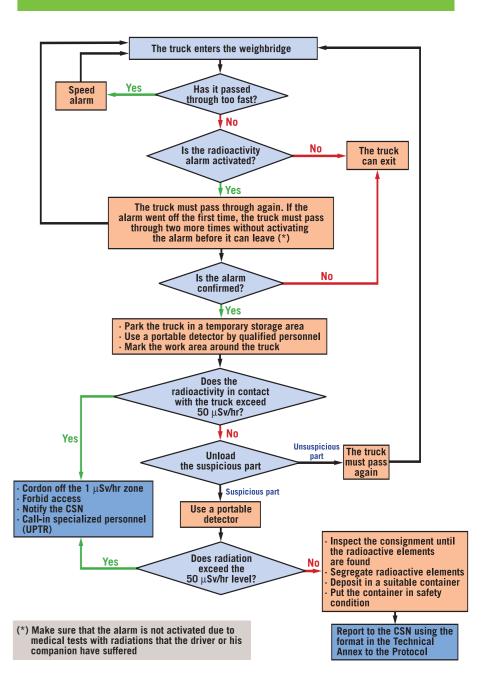






ACTIONS

- Carefully revise the scrap metal.
- Isolate the suspicious containers or equipment.
- Do not open, nor destroy them under any circumstance, it may be dangerous for you, your fellow workers and the public.



Communications must be addressed to

Tf.: 91 346 01 00 - Fax: 91 346 05 88 E-mail: marcha@csn.es

