

Operational Radiological Protection and Radioactive Waste Management

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The Operational Radiological Protection and Radioactive Waste Management Service (SPROeGRR) continued the development of the activities that have been mentioned in the Annual Report 2002, in addition to new ones.

The activities of the Service are still heavily characterized by their component of public utility services, based on the fulfillment of the legal aspects related to them. These activities are exclusively carried out by ITN/DPRSN/SPROeGRR.

The radioactive waste management activities in the National territory mean the collection, segregation and treatment for interim storage at the Radioactive Waste Pavilion of all radioactive wastes produced in the Country. About 126 requests for radioactive waste collection including spent sealed sources, were received during 2003.

The sealed sources licences for industrial, research, medical or other applications issued by ITN/DPRSN/SPROeGRR were 234.

Concerning the detection of contaminated, activated materials and radioactive sources in scrap metal, 11 incidents were reported by the industry and controlled by ITN/DPRSN/SPROeGRR.

The transport of radioactive materials is also another of the activities of this Service

The SPROeGRR is involved in the following Technical Committees: *Advisory Committee for Programme Management of Community Plan of Action in the Field of Radioactive Waste (ACPM)*; *European Waste Regulator Forum (EWRf)*; *Standing Working Group on Safe Transport of Radioactive Materials (TRAM)*; *National Committee for*

Transport of Dangerous Goods (CNTMP); *Net Enabled Waste Management Database*

(NEWMDB); *Radioactive Substances Committee of Oslo and Paris Convention (OSPAR)*; *Radioactive Waste Management Committee, RWMC, (OECD)*.

This Service has also been asked to participate with comments to the following documents: the Nuclear Package, the EC documents concerning the repository/storage facilities for radwaste, UNECE's Inquiry on Monitoring of Radiologically Contaminated Scrap Metal, the study commissioned by DG TREN on Harmonization of Nuclear Safety Standards carried out by Adelphi Research gGmbH for the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety and data for Article 35° under Euratom Treaty.

The SPROeGRR also developed intensive contacts with clients in different fields, explaining what is required by Law, sending all the important paper work such as legislation, technical requirements, practical procedures and administrative steps as well as clarifying any doubts that might arise. This work is of paramount importance for the conclusion of the processes mainly in the cases of radioactive wastes and sealed sources but also in all the other fields of intervention.

Monitoring programmes of radioactive liquid discharges from hospitals in the public sewage of Porto Borough Council (CMP) and Coimbra IPO started to be discussed in order to be carry out next year.

The Service is also developing research activities in the radioactive waste management field using the Monte Carlo method.

Operational Radiological Protection and Radioactive Waste Management

Research Team

Researchers

- R. TRINDADE, Aux. Researcher, Group Leader
- M. I. PAIVA, Aux. Researcher

Technical Personnel

- F. TEIXEIRA
- F. GOMES

Grantees

- H.MARQUÊS, ITN Grant since Nov. 2002 until May 2003
- N. ALVES, ITN Grant since Nov. 2002 until Jul 2003
- L. BRÁS, ITN Grant since Nov. 2002

Technical Personnel (Graduate)

- L.M. PORTUGAL

Publications

Proceedings: 3

Conf. Communications: 3

Internal Reports: 4

Others: 3