

Announcement

International Symposium on Remediation and Restoration of Radioactive-contaminated Sites in Europe, 11–15 October 1993, Antwerp, Belgium

Aims and Scope

During the last fifty years, both in Europe and elsewhere, extensive industrial use has been made of radioactive and fissile materials. Large scale nuclear facilities, for civil and defence uses, have been developed, some of which have given rise to significant radioactive contamination of the environment.

Some of these facilities have since ceased to operate and they together with the sites on which they were located, remain under various degrees of surveillance.

There is a need to compile an inventory of contaminated sites in Europe, in terms of the extent, level and nature of the contamination. The need for remedial or restoration work, in order to return these sites to uncontrolled use, should be examined

The main objectives of the present symposium are, therefore, to identify the major contaminated sites in Europe, to assess their environmental impact and to examine possible remediation possibilities and plans. To reach these objectives the following topics will be covered:

1. Identification of the major contaminated sites in Europe (and the Asian part of the CIS). Such sites may include abandoned uranium mining areas, areas contaminated with enhanced levels of natural radioactive material from industrial processes such as radium refineries, areas affected by nuclear accidents, nuclear weapon testing, operation of and discharges from nuclear facilities used for civil and/or defence purposes.
2. Case studies for a limited number of sites of interest. These will be largely restricted to European sites but experience from elsewhere will be addressed where this serves to elucidate the issues to be addressed.
3. Radiation protection concepts and criteria applicable to the remediation and restoration of contaminated sites. This includes the implementation of the optimization principle, both generally and for specific applications.
4. Consideration of social and economic aspects, in particular risk perception and other less tangible factors.
5. Methodologies for environmental impact and risk assessment including problems of measurement and of dose reconstruction.

6. Overview of practicable remediation and restoration techniques.
7. International collaboration in this field.

Scientific Programme Committee

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F. Luykx, CEC-DG XI
J. Sinnaeve, CEC-DG XII
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Venue

The symposium will be held from 11 to 15 October, 1993, in the Hilton Hotel, Graenplaats, Antwerp, Belgium

Working Languages

The working languages of the symposium will be English and Russian; simultaneous translation will be provided

Further Information

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