

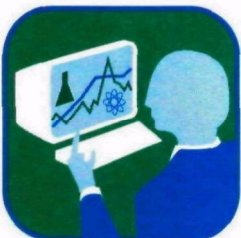
## International Cooperation

ORP participates in major international programs. The staff provides post-Chernobyl monitoring and risk assessment support to Ukraine and is carrying out environmental studies with agencies in Czechoslovakia and Poland.



## An Experienced Staff

The ORP staff is a cadre of multidisciplinary professionals including nuclear, chemical and mechanical engineers, radiochemists, geologists, geochemists, geographers, oceanographers, physicists, health physicists, and biologists. They are well versed in collecting and analyzing information on radiation health and environmental hazards, risk assessment procedures, treatability schemes, and worker protection practices and in applying that knowledge to solving specific problems. In addition to its two laboratories, ORP can call upon its contractors for a full range of technical support.



## For Further Information Contact:

U.S. EPA  
Office of Radiation Programs  
Radiation Studies Division  
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Air and Radiation



# Cleaning Up Radioactive Contamination

The Office of Radiation  
Programs





## Office of Radiation Programs Products and Services

ORP provides technology reviews and evaluations, guidance and criteria manuals, project development strategies, seminars, multimedia training programs, and technical advice and support. These products and services are employed in:

### Cleaning Up Radioactive Contamination

#### Site Characterization

- Identification of abandoned sites contaminated with radioactivity (site discovery).
- Preparation of general and site-specific risk assessments.
- Interpretation of data.



#### Laboratory and Site Support

- Provision of specialized support to EPA regional Superfund projects. "The ORP National Air and Radiation Environmental Laboratory in Montgomery, AL, supported by the ORP Las Vegas, NV, laboratory, is designated as a Superfund Technical Support Center.
- Evaluation, testing, and demonstration of remedial technologies.
- Emergency removals and remedial actions.

*The Office of Radiation Programs (ORP), through its Radiation Studies Division (RSD), is the EPA's focal point for identification, characterization, and remediation of radioactive contamination at active and abandoned sites. RSD supports EPA site evaluation and remedy selection teams as well as policy and guidance development groups. This support extends to other federal agencies and to States as well. RSD also works internationally through United Nations agencies and with scientific organizations in several countries.*

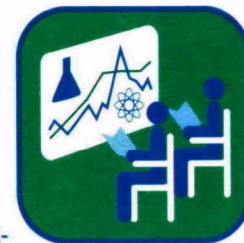
### Solving Mixed Waste Problems

- Evaluation of methods to characterize radioactive mixed waste.
- Review of waste acceptance criteria for facilities storing, treating, and disposing of mixed waste.
- Assessing and developing technologies for handling and treating mixed waste.
- Developing radioanalytical protocols.



### Communicating the Latest Technical Information

- Distribution of reports detailing studies on radioactive contamination of air, water, and soil.
- Presentation of workshops, seminars, and field training sessions on radiation risk assessments and abatement of radiation hazards.
- Production of written guidance for health and safety planning, exposure assessments, and site-specific evaluations of radioactive contamination.



### Cooperative Efforts

Through RSD, ORP provides support to other program offices within EPA, to EPA Regional Offices, to other federal agencies, and to States through such mechanisms as memoranda of understanding, interagency agreements, and cooperative agreements. Within EPA, the ORP staff works closely with the Superfund, RCRA, Federal Facilities, Research and Development, and other programs and with EPA Regional Offices. Other federal agencies receiving support include the Department of Energy, the Department of Defense, and the Nuclear Regulatory Commission. Through the EPA Control Technology Center, ORP has provided support to State agencies. ORP is also exploring technology transfer opportunities with the National Environmental Technology Applications Corporation.

