CEDR’s MISSION:

- Enhance DOE’s epidemiologic research program by facilitating independent access and use of data collected during studies of the health impacts associated with working at or living near DOE facilities/operations.
- Support a spirit of openness in Government by making environmental, safety, and health information available to all stakeholders.
- Support the Department of Energy’s STEM Program to encourage students pursuing degrees and/or careers in Science, Technology, Engineering, and Mathematics.

CEDR DATA PRIVACY PROTECTION:

- CEDR data are protected and are fully compliant with the Federal Information Security Management Act (FISMA) requirements for security certification and accreditation; i.e., all of its networks maintaining Federal data are certified to be secure and rigorously protected.
- A CEDR password is required to access the data. Although personal identifiers (such as name, date of birth, and specific identification that could be used to identify a worker) have been removed from the data, a promise of confidentiality is still required.

HOW TO BECOME A CEDR USER

To become an authorized CEDR user, simply complete and sign the CEDR confidentiality statement available on the CEDR website and return it to CEDR. The confidentiality statement assures DOE that the data will be used in a manner that ensures the protection of individual privacy and compliance with DOE regulations. The completed statement with original signature should be scanned as a pdf file and emailed to cedr@orau.org or sent via Fax at 865-576-9557. DOE will review the submitted form. If approved, ORISE will establish your account and your log-in credentials will be sent via FedEx to the address you provided. The whole process to create an account and get approval typically takes less than two weeks.

MORE INFORMATION ABOUT CEDR

Visit CEDR at https://apps.orau.gov/cedr/ to view or download the current CEDR catalog.

For other information about CEDR, contact

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WELCOME TO CEDR!

The Comprehensive Epidemiologic Data Resource (CEDR) is the Department of Energy’s (DOE) electronic database comprised of health studies of DOE contract workers and communities in areas surrounding DOE facilities. DOE recognizes the benefits of data sharing and supports the public’s right to know about worker and community health risks. CEDR provides independent researchers, graduate students, and educators with access to de-identified data collected since the Department’s early production years.

CEDR’s DATA COLLECTION:

Most of CEDR’s holdings are derived from epidemiologic studies of DOE workers at many large nuclear weapons plants, such as Hanford, Los Alamos, Oak Ridge, Savannah River Site, and Rocky Flats. These studies primarily use death certificate information to identify patterns of disease among workers to indicate factors that may contribute to the risk of developing cancer and other illnesses.

In addition, many of these studies have radiation exposure measurements on individual workers. Other CEDR collections include historical dose reconstruction studies of past offsite radiologic and chemical exposures around the nuclear weapons facilities. The CEDR holdings also contain studies of historical interest, such as mortality studies of Japanese atomic bomb survivors and female radium dial painters.

CEDR is supported by the Oak Ridge Institute for Science and Education (ORISE) in Tennessee. Now a mature system in routine operational use, CEDR’s modern internet-based systems respond to thousands of requests to its web server daily. With about 1500 Internet sites pointing to CEDR’s webpage https://apps.orau.gov/cedr/, CEDR is a national user facility, with a large audience for data that are not available elsewhere.

CEDR has included some data from DOE’s Former Worker Medical Screening Program (FWP), which supports the conduct of ongoing medical screenings for former DOE Federal, contractor, and subcontractor workers from all DOE sites across the complex to identify adverse health conditions that may have resulted from working at DOE facilities. The FWP identifies, notifies, and makes medical screening services available to the more than 600,000 former employees who worked in the weapons complex during the past 60 years for DOE or its predecessor agencies.

For additional information about the FWP, refer to the website: https://energy.gov/ehss/services/workerhealth-and-safety/former-worker-medical-screening-program.

CEDR Contents

- Data on 78 studies that cover over 1 million workers at 31 DOE sites
- Data can be viewed at https://apps.orau.gov/cedr/
- Data are available at no cost to the user

DOE’s worker and mortality studies

DOE’s worker and health studies

DOE’s worker and dose reconstruction studies

DOE’s worker and former worker studies

DOE’s worker and dose reconstruction studies