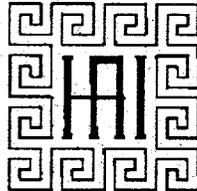


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**LOS ALAMOS NATIONAL LABORATORY:
A GUIDE TO RECORDS SERIES SUPPORTING EPIDEMIOLOGIC
STUDIES CONDUCTED FOR THE DEPARTMENT OF ENERGY**

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January 1997



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Prepared for the U.S. Department of Energy
Office of Epidemiology and Health Surveillance
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MASTER

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**LOS ALAMOS NATIONAL LABORATORY:
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INTRODUCTION

Overview

The purpose of this guide is to describe each series of records that pertains to the epidemiologic studies conducted by the Epidemiology Section of the Occupational Medicine Group (ESH-2) at the Department of Energy's (DOE) Los Alamos National Laboratory (LANL) in Los Alamos, New Mexico. The records described in this guide relate to occupational studies performed by the Epidemiology Section, including those pertaining to workers at LANL, Mound Plant, Oak Ridge Reservation, Pantex Plant, Rocky Flats Plant, and Savannah River Site. Also included are descriptions of other health-related records generated or collected by the Epidemiology Section and a small set of records collected by the Industrial Hygiene and Safety Group. This guide is not designed to describe the universe of records generated by LANL which may be used for epidemiologic studies of the LANL work force.

History Associates Incorporated (HAI) prepared this guide as part of its work as the support services contractor for DOE's Epidemiologic Records Inventory Project. This introduction briefly describes the Epidemiologic Records Inventory Project, HAI's role in the project, the history of LANL, the history and functions of LANL's Health Division and Epidemiology Section, and the various epidemiologic studies performed by the Epidemiology Section. It provides information on the methodology that HAI used to inventory and describe records housed in the offices of the LANL Epidemiology Section in Technical Area 59 and at the LANL Records Center. Other topics include the methodology used to produce the guide, the arrangement of the detailed record series descriptions, and information concerning access to records repositories.

Epidemiologic Records Inventory Project

The Epidemiologic Records Inventory Project is indicative of DOE Secretary Hazel R. O'Leary's efforts to support openness initiatives in the areas of environment, safety, and health. In view of the importance of various administrative, organizational, and operational records to epidemiologic and health-related studies, a moratorium on the destruction of such records has been in effect since 1989.

In May 1992, the DOE Office of Epidemiology and Health Surveillance (EH-42), now the Office of Epidemiologic Studies (EH-62), responsible for the coordination of all health-related activities throughout the DOE complex, directed each DOE and DOE contractor site to prepare an inventory of all records useful for worker or community health-related studies. EH-42 prepared and furnished each site with guidelines that defined epidemiologic records, provided instructions for describing record series, outlined the sites' role in inventorying epidemiologic records, and discussed the relationship of the epidemiologic inventory to DOE's comprehensive records inventory. These inventories should be completed in 1995.

Role of HAI

In August 1993, DOE selected HAI as its support services contractor for the Epidemiologic Records Inventory Project. HAI, a professional records management, archives, and historical research services firm incorporated in 1981, has provided records management, historical research, and technical support for a number of DOE projects. HAI's role in the project includes verifying the accuracy, comprehensiveness, and quality of existing inventories, providing guidance to site records management teams, and, in some cases, performing additional records inventories.

BACKGROUND

History of the DOE

The DOE is responsible for developing and administering national energy programs and policies. Authorized by Congress in 1977, the history of the department's predecessor agencies and functions dates back to 1942, with the establishment of the Manhattan Engineer District (MED) of the U.S. Army Corps of Engineers. The MED spearheaded the development and manufacture of the first atomic weapons during World War II. In 1946 Congress passed the Atomic Energy Act, which reorganized the MED into the Atomic Energy Commission (AEC). Although the primary purpose of the AEC was to develop and manage the nation's expanding nuclear weapons production complex, the organization also reflected the nation's interest in developing broader commercial applications of atomic energy.¹

For nearly three decades, the AEC directed the nation's nuclear program, from the development of nuclear weapons to the production of nuclear power. In 1974, Congress passed the Energy Reorganization Act, which split the AEC into the Energy Research and Development Administration (ERDA) and the Nuclear Regulatory Commission (NRC). ERDA assumed responsibility for nuclear research and development and oversight of the nuclear weapons program, while the NRC licensed and regulated the industrial and commercial use of radionuclides and nuclear power. ERDA also took charge of the energy research and development programs of the National Science Foundation (NSF), the Bureau of Mines and the Office of Coal Research of the Department of Interior, and the Environmental Protection Agency (EPA).² The establishment of ERDA represented the effort of the Nixon Administration to institute a centrally directed national energy policy. Events such as the 1973 Arab oil embargo and the 1973-1974 price increases instituted by the OPEC [Organization of Petroleum Exporting Countries] demonstrated the need to identify immediate energy needs and priorities and establish long range goals as a way to lessen the nation's dependency on foreign sources of energy.

A shortage of natural gas during the winter of 1976-1977 further exposed the nation's vulnerability as an energy consumer. In response to the crisis, the Carter Administration urged Congress to reorganize ERDA and establish a cabinet-level organization to direct national energy policy. With the easing of Cold War tensions, the DOE restructured its

priorities around nuclear waste management, environmental restoration, conservation, and the development of new energy sources.³

History of Los Alamos National Laboratory

Los Alamos, New Mexico, is the site of the first scientific laboratory in the United States dedicated to developing and testing nuclear weapons. Established in 1943 as Project Y of the MED, Los Alamos produced the nuclear device for the July 1945 Trinity Test and for the atomic bombs dropped on Hiroshima and Nagasaki, Japan, in August 1945. Laboratory and housing construction began in 1943, after the MED chose the University of California to manage and operate the site. During World War II, scientific research at the site focused on developing the first atomic bombs. Following the war, Los Alamos continued to improve fission bombs and also began to research thermonuclear weapons. In April 1946, the Zia Company became the support services contractor and took over those activities from the Army. The Zia Company held the contract until June 1986, when Pan American World Services won the contract. The site was named the Los Alamos Scientific Laboratory (LASL) in 1947. In the 1950s, attention shifted to peaceful uses of atomic energy. LASL expanded its research to include thermonuclear power, nuclear propulsion of rockets for space applications, plutonium fuels, and studies on the effects of nuclear radiation at the molecular and cellular levels. In 1980 its name was changed to Los Alamos National Laboratory.

History and Functions of Los Alamos National Laboratory's Health Division and Epidemiology Section

The Epidemiology Section of the Occupational Medicine Group began in 1976 as part of the Biomedical and Environmental Research Program of the LASL Health Division. The primary responsibility of the Health Division was to protect the health and safety of workers and the public. These activities required a professional staff devoted to many disciplines, including health physics, industrial hygiene, safety, occupational medicine, environmental surveillance, and waste management. The broad research and development activities at LANL meant that new health and safety problems would be encountered from time-to-time. The staff assembled to resolve these problems ultimately addressed similar circumstances across the DOE complex.

In September 1979, The University of California reorganized the office of the Director of LASL and made several changes in the technical divisions. The Health Division split and a second division, Life Sciences, was created. Programs which remained in the Health Division included radiological hazard evaluations, epidemiology of plutonium workers, tissue studies on plutonium depositions in humans, and industrial hygiene studies.

In 1980, the Biomedical and Environmental Research Program became the Occupational Health and Environmental Research Program. One year later, it became known as the Occupational Health, Waste Management, and Environmental Research Program. The Health Division also changed names, becoming the Health, Safety, and Environment Division in 1983. However, during all these name changes, the basic function of the Epidemiology Section remained the same: to conduct epidemiologic studies of workers at

LANL and other DOE contractor facilities, and, when appropriate, to study the health of populations living near those sites.⁴

In December 1990, a Memorandum of Understanding (MOU) between the DOE and the Department of Health and Human Services (HHS) transferred responsibility for the management and conduct of energy-related analytic epidemiologic research to HHS. The National Institute for Occupational Safety and Health (NIOSH), a part of HHS and the Centers for Disease Control and Prevention (CDC), is responsible for occupational health studies covered by this MOU.

Epidemiologic Studies

The DOE and its predecessor agencies have a history of conducting epidemiologic research programs. Of primary interest in this guide are the records relating to epidemiologic studies conducted by LANL, most of which dealt with mortality and/or morbidity at a number of DOE sites. These sites include: LANL, Mound Plant, Oak Ridge Reservation, Pantex Plant, Rocky Flats Plant, and the Savannah River Site. In addition, the Industrial Hygiene and Safety Group undertook a feasibility study for determining chemical exposures among Rocky Flats workers. This study originated in the LANL Epidemiology Section, and descriptions of the records collected for it are also included in the guide.

The major studies conducted by LANL, and their associated electronic files, are described in the Comprehensive Epidemiologic Data Resource (CEDR). A catalog describing the CEDR program is available from the DOE Office of Health. A list of the publications of the LANL Epidemiology Staff, 1981-1993, is included as Appendix A.

An understanding of the methodology employed by Epidemiology Section staff members for research is crucial for any researcher attempting to use the files described in this guide, and the following is a brief discussion of the steps taken by epidemiology study teams. In preparation for a study, a team visited a site to microfilm pertinent records, such as personnel files. Following this, the data was coded and entered into computer files. Next, databases of specific types of information, such as personnel hire and termination dates and dosimetry information, were developed.

Researchers then determined the current vital status of individuals in the study. Such information was usually obtained from the Social Security Administration, the National Death Index, various state motor vehicle departments, and a commercial service called TRAX. After researchers compiled this information, they performed small studies based on the data. These studies explored, for example, a particular type of exposure. Control group studies were also performed to serve as quality control checks.

LANL performed most analytical work on electronic files that were coded in the American Standard Code for Information Interchange (ASCII) format. The information gathered by researchers was not joined until it was put into an analysis file, which underwent a series of tests to make sure data matched properly. If there were any problems matching data, the researchers went through the hardcopy records to resolve

discrepancies and clean up record sets. Vital status information was added to the analysis file.

Final data matchups of the most accurate information the researcher could obtain for a particular study were contained in the researcher's analysis file. Various statistical programs were applied to the data in these files to calculate results. Epidemiologists used various computer programs, such as the Monson Program, which compiled expected U.S. mortality rates, and the MOX program at Hanford, which was used to study and compare characteristics among workers at one site, such as workers exposed to radiation versus unexposed workers. Study results were normally published in scientific journals, including the *Health Physics Journal* and the *Journal of Occupational Medicine*.

ACCESS

Researchers should note that records are often housed according to whether they are active or inactive. Active records are necessary for conducting the current business of an office and, as such, must be maintained in office space. Inactive records are those which are no longer required for daily activities and are not usually found in office areas. Inactive records may be housed in a temporary storage facility until they are either destroyed or sent to the National Archives and Records Administration for permanent retention.

Records created at LANL by DOE and its contractors are administered and controlled by the DOE and University of California/LANL records management organizations at that site. Materials relating to epidemiologic studies conducted for DOE are considered inactive because the DOE has ceased performing this work. At the time the records were inventoried the majority were stored in offices of the Epidemiology Section although some study records were housed at the LANL Records Center. In March 1996, the records which were in the offices of the Epidemiology Section were transferred to the LANL Records Center, which is in a security-classified area. Researchers must hold a DOE Q clearance in order to use this facility. Researchers should note that this situation may change in the future and the records themselves may be moved to another location.

For specific information or permission to access LANL Epidemiology Section records, please contact the following:

Records Management Prog. Coord.-ALB
U.S. Department of Energy
Albuquerque Operations Office
APB/IRMD
P.O. Box 5400
Albuquerque, NM 87125-5400
Telephone Number: (505) 845-4826
Fax Number: (505) 845-4793

METHODOLOGY

Identification and Selection of Records on Epidemiologic Studies

HAI conducted the project at LANL in cooperation with site personnel and representatives of NIOSH, Oak Ridge Associated Universities, and the Colorado Department of Public Health and Environment. HAI located, inventoried, and described record series in files relating to epidemiologic studies supported by DOE and performed by the Epidemiology Section of LANL's Occupational Medicine Group, located within the Environment, Safety, and Health Division. HAI inventoried records in the offices of the Epidemiology Section and the Industrial Hygiene and Safety Group and in the LANL Records Center. Once the site visits were complete, HAI staff analyzed the inventory forms and wrote descriptions for the record series.

Data Elements

In accordance with the guidelines in *Information Required by the Department of Energy for Epidemiologic and Health Studies*, DOE developed a list of 123 (later revised to 86) data elements to assign to record series descriptions. In general, the data elements consist of terms pertaining to contractor organizations, individual employees, industrial hygiene activities, and facility characteristics that help categorize and describe the major information contained in the record series. The HAI team, as part of its inventory and description of records related to epidemiologic studies, determined which data elements were pertinent to each record series for both active and inactive records. The data elements list is included as part of this guide in Appendix B.

SCOPE

This guide reflects information collected during HAI's three site visits in August and September 1994. Researchers should keep in mind that the majority of the records described in this Guide are now located in the LANL Records Center and may be moved to another location in the future.

ARRANGEMENT

History Associates grouped record series descriptions into three categories in order to facilitate research. A brief explanation of each category is as follows:

I. ADMINISTRATIVE RECORDS

This section pertains to the general operations of the Epidemiology Section. Record series included in this section generally consist of correspondence, audit and review records, committee and subject files, and reading files.

II. STUDY DOCUMENTATION

This category includes series of records which document the studies conducted by the Epidemiology Section. The studies may pertain to a single DOE facility or may utilize data from several sites, as in the Health Study of Workers.

General Source Materials

This group includes series of records which provide raw data, such as death certificates or Personnel Security Questionnaires (PSQs). Data from these records were used in multiple studies and in studies relating to more than one facility. When the use of some data could not be readily determined, it was placed in this category.

Study Titles and Sites

This category includes series which relate to specific DOE sites and to the studies concerning those sites. For each site, record series pertaining to studies of workers at more than one site are followed by record series relating to a single study.

III. ELECTRONIC RECORDS

This section pertains to records stored in electronic form. The Epidemiology Section prepared and used electronic records and associated documentation in support of the epidemiologic studies it conducted for several DOE sites. Together, the electronic files and documentation may be used to comprehend the universe of the Epidemiology Section's electronic recordkeeping practices.

In its inventory of electronic records, HAI has sought to describe generally the types of electronic files created and used by the Epidemiology staff. HAI arranged the files by facility and then by file type. The three file types described within this guide are analysis, raw data, and supporting files.

Analysis files are the completed files of data on which study results are based. Raw data files are those which are received from sources and have undergone no manipulation by researchers. Files referred to as supporting files are usually used to define or explain variables contained in other computer files.

Electronic files at LANL are housed primarily on magnetic tape and disk storage media. Most files are accessed using a Digital Equipment Corporation 6240 Minicomputer. However, some files exist that were created in the past on other computer systems. In addition, the Epidemiology staff has used more than one software package over the years.

Currently, most data are in tables in either the DATATRIEVE or ORACLE database management systems. Most older data are in flat files in the ASCII coding scheme. Due to time, cost, and equipment constraints, HAI did not attempt to read older files maintained on magnetic tape and created on now obsolete computer systems. HAI has included a directory listing of these files which may be found in Appendix C.

DATA ITEMS IN RECORD SERIES DESCRIPTIONS

Due to the differences between textual and electronic records, HAI collected different data for each of these record formats. Below are listed the data items, with corresponding explanations, included in textual record series descriptions. A similar list for electronic records series descriptions is then provided.

Textual Record Series Descriptions

Series descriptions for records in sections I-II and the first half of section III contain sixteen major data items. These include series title, inclusive dates, location, active or inactive status, access restrictions, accession or other identification number, volume, and container number. Also provided is information concerning the type of media, suitability of the records for scanning, physical condition of the records, availability of finding aids, arrangement of the records, the originating office, duplication, and disposition authority.

Data items are listed alphabetically and further explained below.

Access Restrictions

Access restrictions apply to some of the record series. Personnel and other employee files that contain personal information are protected under the Privacy Act and may not be available for public inspection. For information about accessing these records, researchers should contact the Freedom of Information and Privacy Act Office of the Albuquerque Operations Office at (505) 845-4370. HAI has indicated which records may be protected under the terms of the Privacy Act.

Although these records are unclassified, most are now stored in the LANL Records Center, which cannot be entered without a DOE Q clearance. Since the Laboratory itself is a controlled area, researchers must arrange for approval before planning to visit the site.

Accession or Other Identification Number

The records maintained in the offices of the Epidemiology Section and the Industrial Hygiene and Safety Group at the time of the inventory did not have accession or other identification numbers. Records housed in the LANL Records Center at the time of the inventory had a Records Transfer Request number.

Arrangement

The arrangement of the records series, for example chronological or alphabetical, is described when possible.

Condition

HAI judged the physical condition of records series, categorizing them as either good, fair, or poor. Records are rated poor when they contain aged and faded typewritten originals or photocopies, illegible and faded handwritten copies, or badly torn or damaged documents. Examples include deteriorating microfilm, water-damaged photographs, or fading 30-year-old photocopies. Records are rated fair when documents are older but are

not too damaged or faded to be read or viewed clearly. Examples include 15-year-old photocopies, legible handwritten journals, or slightly torn but readable onionskin copies. Records are rated good when they contain current photocopies, well-kept originals on quality paper, and undamaged, clear, and dark print copies of documents. Examples include original letters on bond paper, 5-year-old photocopies, or well-preserved microfilm or photographs.

Container Number

This field lists cabinet and shelf locations for records which were maintained in the offices of the Epidemiology Section at the time of the inventory and are now housed in the LANL Records Center. Those records which were stored at the LANL Records Center and the Industrial Hygiene and Safety Group at the time of the inventory should still have the container numbers which are indicated here.

Data Elements

The data elements that HAI considered pertinent to the records series are listed in numerical order. The numbers correspond to the data elements list in Appendix B.

Disposition Authority

Disposition authorities are not listed for the records which were stored in the offices of the Epidemiology Section because none have been assigned. For these records, HAI has written "unscheduled." For records held in the LANL Records Center during the inventory, the appropriate DOE Records Disposition Schedule number has been supplied.

Duplication

Some records may exist elsewhere in a duplicate form, such as on recording tape or a computer hard drive. If the exact whereabouts of the duplication is known, HAI has provided this information.

Finding Aids

Information is provided for any finding aids which may exist for the records. For many of the inactive records stored in the offices of the Epidemiology Section at the time of the inventory, a shelf list shows where those records were located. Records Transfer Requests are the principal finding aid for records stored in the LANL Records Center.

Location

Information concerning records location and status, as active or inactive, is found here. Active and inactive records are listed by their location within LANL at the time of the inventory.

Medium

The physical nature of the records, such as paper, microfilm, electronic, or audio-visual, is noted.

Originating Office

The office of the organization (e.g., LANL, Occupational Medicine Group, Epidemiology) which produced the records is provided here.

Scanning Suitability

HAI has indicated when records are suitable or not suitable for optical scanning. In instances where records are not clearly suitable, HAI has provided descriptions of materials that may prove problematic for some scanners. Depending on the state-of-the-art in scanning technology, this statement may not be accurate in the future. See Appendix D for guidelines used by HAI to determine scanning suitability.

Series Description

The series description provides, in a narrative format, essential information concerning the content of the records, the reasons they were created, and the manner in which they were used. In some cases, the series descriptions contain cross references to related textual and electronic records described elsewhere in the guide.

Title and Inclusive Dates

Each records series description begins with a title that reflects the broad content of the records series and the dates that the records span.

Volume

The approximate volume of the records series is provided in cubic or linear feet and inches. Cubic measurements are used for records in vertical file cabinets and boxes; linear measurements refer to records on open shelving and lateral file cabinets.

Electronic File Descriptions

Descriptions for electronic records are found in the second half of section III of the guide. The electronic records series descriptions contain nine major data items, some of which are the same as, or similar to, those in the textual records series descriptions. These are file name, location, access restrictions, name of the originating office, and disposition authority. Also included are data items pertaining to characteristics unique to the electronic records format, including file type and hardware/software used to support the file.

Data items are listed alphabetically and further explained below.

Access Restrictions

See information under this heading for textual records.

Disposition Authority

Disposition authorities have been listed as unscheduled, since records disposition and retention periods have not yet been assigned.

File Description

HAI has generally described types of electronic files prepared by LANL's Epidemiology Section. Wherever possible, HAI tried to mention the types of records used and personal identifiers contained within the files. Also, HAI has provided additional information for files with unique characteristics.

File Name

The file names recorded here were assigned at the time of file creation.

File Type

HAI determined whether the files included as part of this description are analysis, raw data, or supporting files.

Hardware/Software

HAI has listed the hardware and software used to support the electronic files.

Location

All files described were located within the LANL Epidemiology Section and are now at the LANL Records Center.

Originating Office

The originating office is the office that actually created the records, whether they are analysis, raw data, or supporting files.

Related Records

Record series containing documentation relating to the development of electronic files have been indicated in this section.

NOTES

1. Richard G. Hewlett and Oscar E. Anderson, *A History of the United States Atomic Energy Commission*, Vol. 1, *The New World, 1939-1946* (University Park: Pennsylvania State University Press, 1962); Richard G. Hewlett and Francis Duncan, *A History of the Atomic Energy Commission*, Vol. 2, *Atomic Shield, 1947-1952* (University Park: Pennsylvania State University Press, 1969); Charles W. Johnson and Charles O. Jackson, *City Behind a Fence: Oak Ridge Tennessee, 1942-1946* (Knoxville: University of Tennessee Press, 1981); Vincent C. Jones, *The Army and the Atomic Bomb* (Washington, DC: U.S. Army, Center for Military History, 1984); James W. KUNETKA, *City of Fire: Los Alamos and the Atomic Age, 1943-1945* (Albuquerque: University of New Mexico Press, 1979); Richard Rhodes, *The Making of the Atomic Bomb* (New York: Simon and Schuster, 1986).
2. Richard G. Hewlett and Jack M. Holl, *A History of the United States Atomic Energy Commission*, Vol. 3, *Atoms for Peace and War: Eisenhower and the Atomic Energy Commission, 1953-1961* (Berkeley: University of California Press, 1989) and Richard G. Hewlett and B.J. Dierenfield, *The Federal Role and Activities in Energy Research and Development, 1946-1980: An Historical Summary* (Oak Ridge: Oak Ridge National Laboratory, 1983).
3. Terrence R. Fehner and Jack M. Holl, *The United States Department of Energy: An Historical Summary, 1977-1994* (Washington, DC: United States Department of Energy, History Division, 1994).
4. D.F. Petersen and E.M. Sullivan, "Progress Report of the Biomedical and Environmental Research Program of the LASL Health Division, 1976," Vol. UC-48, July 1977; "Progress Report of Biomedical and Environmental Research Program of the LASL Life Sciences and Health Divisions," 1979, 87; George Voelz, "Progress Report of the Occupational Health and Environmental Research Program of the Health Division, 1980," Vol. UC-41, December 1981; and George Voelz, "Progress Report of the Occupational Health, Waste Management, and Environmental Research Program of the Health Division, 1981," Vol. UC-41, September 1983.

I. ADMINISTRATIVE RECORDS

Administrative Correspondence, ca. 1987-1994

Location: Active: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 13 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinets

Medium: Paper

Scanning Suitability: Some documents contain handwritten notes.

Duplication: Unknown

Arrangement: Varies; chronological, alphabetical by author, or subject

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of the administrative correspondence files of the LANL Epidemiology Section. The correspondence includes epidemiologic studies and papers, study data and results, and cancer and mortality rates. Copies of the August 1993 Comprehensive Epidemiologic Data Resource catalog, correspondence regarding the Department of Health and Human Services Advisory Committee, information used for site reviews, and budget information are also included.

Data Elements: 6

Alphabetical Subject Files, ca. 1975-1994

Location: Active: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 10 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinets

Medium: Paper

Scanning Suitability: Series contains maps and handwritten forms.

Duplication: Unknown

Arrangement: Alphabetical by subject

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence, reports, proposals, library request forms, maps, memoranda, affirmative action information, policy directives, security information, and work proposals. These are the central subject files of the Epidemiology Section.

Data Elements: None

Facility Files, 1975-1994

Location: Active: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 10 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinets

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Alphabetical by facility or contractor name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence created by staff at various Department of Energy (DOE) and non-DOE facilities and agencies, including the Albuquerque Operations Office, DOE Headquarters, Hanford, Los Alamos, Mound, Oak Ridge, Pantex, Rocky Flats, Sandia, Savannah River, DOE laboratories, and the Zia Company. The files include correspondence related to the collection of source data for various epidemiologic studies; copies of work authorizations; and correspondence with state departments of health, the National Institute for Occupational Safety and Health, the Department of Health and Human Services, and the National Death Index. Some policy directives are also a part of this series.

Data Elements: 6

Institutional Files, ca. 1976-1990

Location: Active:

Inactive: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 2.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinets

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Alphabetical by institution name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains administrative correspondence between the Epidemiology Section and other institutions. The institutions include the Centers for Disease Control and Prevention, Internal Revenue Service, National Cancer Institute, National Institute for Occupational Safety and Health, and various universities. The files also include correspondence related to Los Alamos Epidemiology Advisory Committee meetings. Most of this correspondence pertains to the Epidemiology Section's studies of plutonium workers.

Data Elements: 6

Monthly/Quarterly Reports, 1981-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 203 Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 2.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinets

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Chronological by month or quarter

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of monthly and quarterly reports prepared by the Epidemiology Section for the Department of Energy, as well as reports by individual staff members sent to division leaders. The reports include updates on the progress of various studies and projects, discussions of research trips, and information concerning publications and presentations.

Data Elements: None

Office Memoranda, 1980-1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.25 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelves 1 and 6

Medium: Paper

Scanning Suitability: Series contains highlighted, handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains office memoranda created or maintained by the Epidemiology Section of the Los Alamos National Laboratory (LANL). Among the subjects addressed in the memoranda are the 1980 meeting of the Advisory Committee for the Hanford Environmental Health Foundation Project; the confidentiality and use of death certificates; the utilization of the Internal Revenue Service *Form 941A* for epidemiologic studies; and department of motor vehicles and Social Security Administration search returns. Also included are descriptions of the radiation exposure files and of computer tape contents, storage, access, and data confidentiality; memoranda concerning external exposure data and coding instructions; a Health Care Financing Administration submission; information for the *Dosimetry Evaluation Book*; a 1944 LANL organizational chart; and information from 24 LANL employee medical cards, which provide the employees' names, addresses, units, dates and places of birth, nationalities, and clearance status.

Data Elements: 1, 7-8, 17

Staff Papers and Publications, ca. 1989-1992

Location: Active: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 2.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinet

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: By author name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains papers and publications which were written by Epidemiology Section staff as a part of epidemiologic studies. In addition to copies of staff papers and manuscripts, the files include correspondence with reviewers and journal editors.

Data Elements: None

II. STUDY DOCUMENTATION

Bureau of the Census Population and Housing Characteristics, 1960

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1 microfilm reel

Accession or Other ID Number: None

Condition: Good

Container Number: Safe, Drawer 2

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Originals are at the Bureau of the Census.

Arrangement: Numerical by county code

Originating Office: U.S. Bureau of the Census

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of U.S. Bureau of the Census records which the Epidemiology Section used for various studies. They contain population and housing characteristic data, including tenure, color, vacancy status, condition, plumbing, number of rooms and persons, persons per room, value of property, and contract rent. The records also include statistics for total population and population by race and age groups.

Data Elements: None

Data Inventory Records, 1977-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 3 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: By department/facility

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The Data Inventory is in a binder labeled *ALOO/PSQ Data Inventory, Misc. Los Alamos*. The inventory was prepared in support of the Health Study of Workers and contains data inventory sheets for the departments and facilities of the Albuquerque Operations Office, Zia Company, EG&G, and the Energy Research and Development Administration (ERDA). Each inventory sheet lists information on the inventory number and date, Department of Energy (DOE) site, records custodian and responsible custodial subdivision, employer of data inventory subjects, holder of legal title to the data, DOE system number, record title and function, physical form of record, data entry type, data description and location, data variables, contact person, existence of duplicates, the Health Study of Workers capture date, and notes. Also included are sample EG&G, Zia Company, and ERDA forms; memoranda; meeting minutes; and Zia organizational charts.

Data Elements: 1

Death Certificates, 1943-1991

Location: Active:

Inactive: LANL, Technical Area 59, Rooms 203, 207, and 209; Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 31 cu. ft.
(114 binders)

Accession or Other ID Number: None

Condition: Good to poor; some are extremely faded and blurred.

Container Number: Room 203: Lateral file cabinet; Room 207: Cabinets near window; Room 209: Cabinet 1, Shelves 1, 3, and 4; Cabinet 3, Shelf 4; Cabinet 4, Shelf 5; Cabinet 5, Shelf 5; Cabinet 7, Shelf 3; Lateral file cabinet under window.

Medium: Paper

Scanning Suitability: Series contains faded, handwritten records, post-it notes, and computer-generated reports.

Duplication: Original certificates are in state vital statistics offices, and duplicate certificates are in many of the binders in the Epidemiologic Section.

Arrangement: By study name, thereafter alphabetical by name

Originating Office: Various state vital statistics offices and health departments

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains coded and uncoded death certificates used in support of epidemiologic studies concerning Los Alamos, Mound, Pantex, Rocky Flats, Savannah River, and Zia Company workers. Each death certificate provides the decedent's name, address, sex, dates and places of birth and death, age on last birthday, race, sex, nationality,

Death Certificates, 1943-1991 (continued)

Series Description (cont'd)

marital status, spouse's name, parents' names, social security number, occupation, cause of death, attending physician's name, and cemetery location. A binder labeled *Los Alamos Women Death Certificates* also contains computer-generated reports regarding Los Alamos female employees. One report contains employee names, social security numbers, study numbers, dates of birth and death, and causes of death (indicated in codes assigned by Oak Ridge Associated Universities). Another report contains study numbers, employee names and social security numbers, and information concerning attempts to trace the employees' vital status. Statistical analyses of the data are also included.

For related records, see II. **General, Death Certificates for New Mexico, Indexes, 1940-1980.**

Data Elements: 7-9, 11-13, 17-18, 20-21, 23, 28, 53-56

Death Certificates for New Mexico, Indexes, 1940-1980

Location: Active:
Inactive: LANL, Technical Area 59, Rooms 207 and 209,
Los Alamos, NM 87545

Access Restrictions: Records are unclassified
and may be a Privacy Act System of Records.

Volume: 6 microfilm reels and
4 lin. in. (1 binder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Room 207: Safe;
Room 209: Cabinet 1, Shelf 1

Medium: Microfilm
and paper

Scanning Suitability: Series contains faded
photocopies and microfilm.

Duplication: Originals
are in offices of the State
of New Mexico and
County of Los Alamos.

Arrangement: Chronological by year, thereafter alphabetical by name of deceased

Originating Office: State of New Mexico

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of indexes to death certificates for New Mexico residents. The indexes were used to support epidemiologic studies and include the name of the deceased, date of death, and book and page numbers of death certificate.

Data Elements: 8, 54, 56

Department of Motor Vehicles Search Returns, 1985-1992

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 1;
Cabinet 6, Shelf 1; lateral cabinet by back wall

Medium: Paper

Scanning Suitability: Suitable

Duplication: Originals are at DMV in Colorado, Ohio, and New Mexico.

Arrangement: Alphabetical by name

Originating Office: DMV in Colorado, New Mexico, and Ohio

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These records were created from information provided by the Colorado, New Mexico, and Ohio motor vehicle departments in response to research requests by the Epidemiology Section. The resulting information, which includes subject name and address, vital status, and driver license data, was used to trace the whereabouts of Mound, Rocky Flats, and Los Alamos employees.

Data Elements: 8, 11, 17, 20

Exposure Monitoring Records, 1943-1947

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 6 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 6

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Clinton Laboratory

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of radiation exposure records for employees at Clinton Laboratory, now known as Oak Ridge National Laboratory. The records were created to track and study employee exposure rates. The series includes the following records: reports titled *Individual Pocket Meter*, six-month and weekly exposure records, *Requests for Non-Routine Film Processing*, and *Special Badge Meter Reports*.

Individual Pocket Meter reports provide employee names, badge numbers, supervisors' names, daily and weekly exposure measurements, and dates.

Six-month exposure records contain pocket and film meter results. Pocket meter readings are recorded in numerical ranges (e.g., 0-10, 15-25) for OS [off-scale], DNR [did not return], and TSR [total significant readings]. Film meter results include the categories OW [open window] and S [shield] for beta and gamma and gamma readings respectively. Film meter readings also have the category AD [assigned dosage], which appears to indicate the sum of the pocket and film meter readings. These records include employee names and payroll numbers.

Exposure Monitoring Records, 1943-1947 (continued)

Series Description (cont'd)

Weekly monitoring records provide exposure levels for SEN [sensitive film] and INS [insensitive film], with open window and shield subheadings. They also include employee names and payroll numbers.

Requests for Non-Routine Film Processing forms contain employee names, badge numbers, job locations, types of work performed, and dates on which exposure records were requested and required. Monitoring results are given in SEN and INS, with OW and S subcategories. The forms also include comments from radiation monitors concerning relative levels of exposure.

Special Badge Meter Reports track employee exposure through consecutive badge readings. They include employee names, payroll numbers, reasons for the reports, and results for sensitive and insensitive film categories.

These records are reported to have been found in a water tank at the Mound Plant.

Data Elements: 8, 16, 28, 31, 62-63, 98

Personnel Security Questionnaire (PSQ) Database Logs, 1993-1994

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.
(3 notebooks)

Accession or Other ID Number: None

Condition: Good

Container Number: Lateral file cabinet,
Drawer 4

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports of the Personnel Security Questionnaire (PSQ) database, which contains information culled from the PSQs filed at the Albuquerque Operations Office. The records in this series reflect the database as of January 1994 and include information from PSQs microfilmed in 1993. The series contains employee names, social security numbers, and dates of birth.

For related records, see II. General, Personnel Security Questionnaires (PSQs), 1950-1993.

Data Elements: 7-8, 17

Personnel Security Questionnaires (PSQs), ca. 1950-1993

Location: Active:
Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 9 microfilm cabinet drawers (519 reels)

Accession or Other ID Number: None

Condition: Good

Container Number: Drawers 1-9

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Hard copies of 1993 forms are kept in Room 210. Hard copies of some older forms are held in the Records Center. Some information may be duplicated in a computer database.

Arrangement: Alphabetical by name

Originating Office: Sites overseen by the Albuquerque Area Office

Finding Aids: Logs containing names, birthdates, and social security numbers are kept in Room 207.

Disposition Authority: Unscheduled

Series Description: These are the Personnel Security Questionnaires (PSQs) completed by persons at Albuquerque Area Office sites requesting security clearances from the Department of Energy. The PSQs provide names, current and previous addresses, dates and places of birth, social security numbers, educational backgrounds, employment histories, names and addresses of family and personal references, and organizational memberships. PSQs are used to investigate the backgrounds of individuals applying for sensitive positions with the federal government and its contractors. They contain information about personal activities that may indicate a security risk.

For related records, see II. General, Personnel Security Questionnaire (PSQ) Database Logs, 1993-1994.

Data Elements: 7-13, 17-18, 20-23, 28, 30

**Social Security Administration (SSA) Correspondence and Documentation,
1977-1984**

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 4 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 2

Medium: Paper

Scanning Suitability: Series contains
handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains correspondence, notes, and documentation relating to submissions to the Social Security Administration (SSA) for information used in epidemiologic studies. The files contain correspondence with the SSA; information on worker study projects; documentation to support submissions; notes concerning database information and programs used to process SSA information; and a history of SSA submissions for Rocky Flats, Los Alamos, Albuquerque Operations Office, Zia Company, Mound, Savannah River, and Pantex.

Data Elements: None

Social Security Administration (SSA) Returns, 1979-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 4 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelf 6

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by social security number and by facility number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports of 1981 search returns from the Social Security Administration for employees of the Albuquerque Operations Office, Los Alamos, and Zia Company; and 1979 and 1980 search returns for employees of Rocky Flats, Los Alamos, and Mound. The reports include employee social security numbers, surnames, dates of death, vital status, and dates of vital status.

Data Elements: 7-8, 54, 58

Tracing Records, 1982-1992

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 7 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 1, Shelves 1-2; Cabinet 3, Shelf 4; lateral cabinet by back wall

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These materials were used to trace the vital status of former employees at Los Alamos, Mound, Rocky Flats, and the Zia Company. This information was needed for epidemiologic studies of workers at these facilities. This series consists of tracing worksheets, correspondence, copies of death certificates, Personnel Security Questionnaires, mailing lists, and coding information.

Data Elements: 7-13, 17-18, 20-25, 28, 30, 53-55

University of California Public Employees Retirement System (PERS) Database Statistical Report, 1983-1984

Location: Active:

Inactive: LANL, Records Center, G-12, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 cu. ft.

Accession or Other ID Number: TR 10768

Condition: Good

Container Number: Boxes 78-79

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Records Transfer Request

Disposition Authority: Unscheduled

Series Description: This record series documents University of California employee contributions to the Public Employees Retirement System. It consists of computer-generated reports with the following information: employee names, social security numbers, sex, birthdates, addresses, member and payee numbers, effective dates, membership status (active or separated), and amounts of contributions.

Data Elements: 7-8, 11, 17, 20

Uranium Miner Documentation Model, ca. 1970-1971

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1 lin. in.
(1 volume)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 3

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Subject

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This model attempts to predict the number of radiation-induced respiratory cancer deaths which may occur during a defined period. Included in the volume are a description of the study, software program documentation, input/output descriptions, data formats, sample job control language, and external data characteristics. Also included are computer-generated reports providing program names, miner and mine raw data, reformatted mine data, mine conversion tables (with the names of the mines), edited and recoded records, "w" values, mortality rates, and sample tables. The volume does not contain personnel-specific information.

Data Elements: None

Data Inventory Records, 1977

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 3 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains
handwritten records.

Duplication: Unknown

Arrangement: Numerical by inventory number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains the data inventory for Los Alamos. The custodial subdivision for this inventory is the Health Study of Workers. Included in the inventory are the name of the site, data custodian, employer, record system title and function, physical form of record, data description and variables, date of inventory, and notes.

Data Elements: None

Database Records, ca. 1946-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 18 microfiche

Accession or Other ID Number: None

Condition: Poor; parts of words are cut at the beginning of each microfiche frame.

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche in poor condition.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains data for the Health Study of Workers database files created in 1979 on a S2K database. The Epidemiology Section converted to the Digital Equipment Corporation DATATRIEVE database management system shortly after the creation of these records. The records contain the following information: employee names, social security numbers, addresses, hire dates, job titles, and radiation exposure measurements.

Data Elements: 7-8, 11, 17, 24, 28

Employee List, 1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 2 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelf 4

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by Z number or alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This computer-generated employee list, titled *HSW database*, contains information stored in the Health Study of Workers database files. The employee list includes the worker's name, social security number, group code, date and place of birth, sex, vital status, and termination date.

Data Elements: 7-8, 16-18, 20, 25, 58

Health Physics Inventory Records, 1977-1978

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** ca. 1 lin. in.

Accession or Other ID Number: None **Condition:** Fair

Container Number: Cabinet 5, Shelf 2 **Medium:** Paper

Scanning Suitability: Series contains handwritten forms and faded documents. **Duplication:** Unknown

Arrangement: By facility

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains health physics data inventory sheets from Rocky Flats, Mound, Los Alamos, and Savannah River. Each sheet contains information on the site, data custodian, employer, records system title and function, physical form of record, data description and variables, date of inventory, and notes. Included with the Rocky Flats and Mound Health Physics data inventory sheets are interview notes, sample forms, a survey of Rocky Flats records systems, contractor and organizational codes, and an organization list. The Savannah River Health Physics Data consist of Health Physics Department organizational charts, interview notes, a data entry format, construction prefixes, and a computer storage layout. The Los Alamos Scientific Laboratory Health Physics Data contains external exposure records collected by a staff member in the Radiodosimetry Department. These records include interview notes; a procedure for obtaining a computer-generated report of reduced plutonium data; memoranda; and a history of the Plutonium Body Burden From Urine Assays, a Fortran computer program that calculates plutonium body burdens from urine assays.

Data Elements: 1, 85

Photodosimetry Evaluation Books, 1944-1985

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 1.3 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 2

Medium: Paper

Scanning Suitability: Series contains charts, blurred copies, and handwritten information.

Duplication: Unknown

Arrangement: Chronological

Originating Office: LANL

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These volumes contain materials relating to photodosimetry practices, which is the determination of ionizing radiation doses by use of photographic film. The books, titled *Bible*, contain memoranda, reports, instructions, policies, procedures, meeting minutes, group codes, and industrial hygiene surveys of Building 9205. The volumes serve as a policies and procedures manual for photodosimetry evaluations.

Data Elements: 81, 91, 93-94, 96-98, 102, 107

Protocol for the Study of Morbidity Among Plutonium Workers at Six Department of Energy Facilities, 1985

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** 1 lin. in.

Accession or Other ID Number: None **Condition:** Good

Container Number: Cabinet 4, Shelf 1 **Medium:** Paper

Scanning Suitability: Suitable **Duplication:** Unknown

Arrangement: Subject file classification system

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This volume includes information on the background and rationale, research objectives, study population, management and union participation, research design, methods and procedures, publications and reports, level of effort, and references for a study of morbidity among plutonium workers at six sites. Also included are several appendices for the study.

Data Elements: None

Source Records, 1978-1990

Location: Active:
Inactive: LANL, Technical Area 59, Room 201, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** 1 lin. ft.
(9 binders)

Accession or Other ID Number: None **Condition:** Good

Container Number: None **Medium:** Paper

Scanning Suitability: Suitable **Duplication:** Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains documents related to the Epidemiology Section's study of Human Health Effects of Plutonium. The files contain the following types of documents: a description of research objectives; an analysis of completed and ongoing studies; copies of staff publications that were a part of the study, which contain calculations of radiation exposure and cancer rates; records of meetings of the Advisory Committee on Epidemiology; and a technical report, titled *Epidemiology and Biostatistical Research Services to the Los Alamos Scientific Laboratory*, which was prepared by the University of Minnesota School of Public Health (1978-1979) and includes computer database coding information. These records do not contain personnel-specific information.

Data Elements: None

Study Records, 1944-1993

Location: Active:

Inactive: LANL, Technical Area 59, Rooms 201, 209, and 210,
Los Alamos, NM 87545

Access Restrictions: Records are unclassified
and may be a Privacy Act System of Records.

Volume: 2 cu. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: LANL-TA 59, Room
201: 1) None; Room 209: 2) Cabinet 4,
Shelves 1-3; Room 210: 3) Desk drawer

Medium: Paper

Scanning Suitability: Series contains faded
and handwritten records.

Duplication: Unknown

Arrangement: 1) Numerical by volume number; 2) Alphabetical by name; 3) None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: 1) None; 2) Shelf list; 3) None

Disposition Authority: 1-3) Unscheduled

Series Description: The Health Study of Workers started in 1974 as an attempt to perform a long-term study of the health of workers in the nuclear industry, particularly those in plutonium areas. Records in Room 201 consist of 10 binders of materials compiled for a March 1991 project site review. Included are: agendas and minutes of the Advisory Committee on Epidemiology; copies of publications of Epidemiology staff related to radiation studies (1973-1991); project budget proposals which include descriptions of the study (1981-1991); discussions of analytical data and results; and coding instructions for Rocky Flats, Mound, Albuquerque Operations Office, Los Alamos, Pantex, and Savannah River study materials. There are no personal identifiers in these records.

Study Records, 1944-1993 (continued)

Series Description (cont'd)

Records in Room 209 include "241" and UPPU [plutonium workers for the Manhattan Project] files, both of which contain correspondence between persons conducting and plutonium workers involved in the study; health questionnaires; correspondence between study investigators and private physicians; study notes; and employee death certificates and medical records. Also included are records pertaining to four workers who were involved in an accident at Los Alamos during April 1946; medical records for a worker life study program instituted at Rocky Flats after a 1964 plutonium accident; and interview instructions and blank interview sheets.

Also in Room 209 are log sheets for telephone interviews held in conjunction with the study. These sheets indicate telephone call dates and times, specify whether or not calls were answered, and contain interviewers' initials and notes. The interview notes provide employee names, addresses, telephone numbers, secondhand information, employment data, social security numbers, personal and family health histories, and educational backgrounds. The notes also indicate whether individuals witnessed nuclear testing during their employment at nuclear facilities; the nature of substances to which employees were exposed; employee smoking habits, ethnic and religious backgrounds, birthplaces, and military service; interview time and duration; and interviewers' names and debriefing information.

Records in Room 210 consist of radiation exposure information for Rocky Flats and Zia Company employees. These files contain the following types of records: Rocky Flats employee record cards, internal and external exposure records, and urinalysis reports; study correspondence; logs documenting work completed; analyses of Zia Company radiation records; and trip reports, some of which relate to the Hanford Health and Mortality Study.

Data Elements: 7-8, 11-13, 16-18, 20, 22-25, 28, 31, 35-39, 42-45, 47, 53-56, 58-62, 65, 68-69, 71

Zia Company Employee Mortality and Occupational Exposure Analysis Reports, 1991

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 4 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 9, Shelf 5

Medium: Paper

Scanning Suitability: Suitable

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by job run number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains data analysis reports of mortality and occupational exposure rates for Zia Company employees. This series was part of the Epidemiology Section's Health Study of Workers. The reports include information on the number of employees at different levels of exposure for various years and summary data analyses regarding the number of deaths by various causes (e.g., all causes, all cancers, various types of cancer, suicide, etc.). Each cause also includes observed and expected mean and frequencies, trend test statistics, unadjusted one-tailed "P-value," adjusted one-tailed "P-value," and total variance. The records do not contain personnel-specific information.

Data Elements: None

Coding and Editing Instructions and History, 1948-1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 7 lin. in.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Unknown

Arrangement: Subject file classification system

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of Albuquerque Operations Office histories, mission statements, and organizational charts; a sampling of forms to be coded; draft and final coding instructions; editing instructions; alphabetizing and Spanish surname guides; and various tabulations. This material was used to ensure the proper coding of data entered into epidemiology databases.

Data Elements: 1-3

Coding Sheets, 1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545
LANL, Records Center, GS-13, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 cu. ft.;
3 microfilm reels

Accession or Other ID Number: LANL-TA59:
1) None; Records Center: 2) TR 11024

Condition: Fair

Container Number: 1) Microfiche cabinet
2) 79-80

Medium: Paper
and microfilm

Scanning Suitability: Series contains computer-generated reports and microfilm.

Duplication: Some duplication may occur in computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: 1) Shelf list; 2) Records Transfer Request

Disposition Authority: 1) Unscheduled; 2) DOE (1988) 1.3

Series Description: This record series contains coding sheets for persons employed by the Albuquerque Operations Office (AL) between 1945-1979. Microfilm maintained in the office are duplicates of the hard copy records stored in the records center. The records pertain to both active and terminated employees and include the following information: employee names and numbers, job titles, social security numbers, sex, hire and termination dates, birthdates, race, birthplaces, Z numbers, and card identification numbers. Also included is coded information for job title, clearance number, Los Alamos Health Physics, "RC," and Fire. Records also include the following fields under location of source (i.e., work location): Nevada Test Site, Pacific Test Site, AL, Los Alamos Area Office, Sandia Area Office, South Albuquerque Area Office, Rocky Flats Area Office, Kansas City Area Office, Dayton Area Office, Amarillo, Clarksville, San Antonio, Burlington, Buffalo Area Office, Pinellas Area Office, Los Angeles Area Office, and San Francisco Operations Office.

Data Elements: 7-9, 16-18, 20-21, 24-25, 28

Employee List, 1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3.5 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Some duplication may occur in computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of an employee list for the Albuquerque Operations Office and Los Alamos/Zia Company prepared in support of epidemiologic studies. It includes employee names, social security numbers, and Z numbers [Los Alamos employee numbers].

Data Elements: 7-8, 16

Employee Record Cards, ca. 1945-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Albuquerque Operations Office

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of employee record cards for Department of Energy (DOE) and contractor employees. The records contain the following information: employee names, birthdates, sex, race, social security numbers, marital status, addresses, physical impairments, emergency contact names and addresses, job titles, salary or pay rates, and job locations. These files contain records for both active and terminated DOE employees. Albuquerque contractor records contain the same information for 1967.

Data Elements: 7-8, 11, 17, 20-21, 23-25, 27-28, 31, 33

Social Security Administration (SSA) Submissions and Returns, 1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of Albuquerque Operations Office and Zia Company employee lists which were submitted to the Social Security Administration (SSA) to ascertain the vital status of former employees. The lists provide employee names and social security numbers. Also included are computer-generated reports and photocopied punchcards with information supplied by the SSA. One computer-generated report, titled *Death--State Where Claim Was Filed*, contains decedents' names, social security numbers, and death dates; cities and states where social security claims were filed; and facilities where deceased employees worked (indicated in numeric codes). A second computer-generated report, titled *Death--State of Last Residence*, contains decedents' names, social security numbers, death dates, facility codes, states and zip codes of last residence, and zip codes of respective funeral directors.

For related records, see II. **Zia Company, Deceased Employee Lists, 1980, 1982.**

Data Elements: 7-8, 54, 56

Active and Terminated Employee List, 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 6 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 7, Shelf 1

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of a computer-generated report listing active and terminated Los Alamos employees. The report includes the following information: employee names, hire and termination dates, and beginning and ending job titles.

Data Elements: 8, 24-25, 28

Anniversary Attendance Records, 1983-1993

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM, 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. in.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains some faded, handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of attendants of the 40th and 50th anniversary celebrations for the Los Alamos National Laboratory (LANL). Included is a list of attendant names and addresses, dated April 1983. Also included are correspondence with invitees, copies of room reservations, and notes regarding the dates of stay and accommodations for the 40th anniversary. The series also includes lists of information regarding former employees planning to attend LANL's 50th anniversary. One list includes the names, addresses, and telephone numbers of those planning to attend, while another indicates the number of persons in the party, as well as their names, addresses, spouses' names, telephone numbers, and job titles.

Data Elements: 8, 11-12, 28

Autopsy Reports for Los Alamos/Zia Workers, 1959-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Unknown

Arrangement: Alphabetical by name of deceased

Originating Office: Unknown

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These records, located in a binder labeled *Autopsy Report, Tissue Section, Death Certificates* [no death certificates are in the binder], were collected for a study of plutonium measurements in autopsy tissue samples. The records include abstracts of autopsy reports, which list autopsy book and page numbers and deceased employees' names, job titles, and death dates and causes. Also included are copies of autopsy reports, which indicate autopsy procedures, numbers, and dates; decedents' names, ages, and dates and causes of death; and names of pathologists who performed the autopsies.

For related records, see II. Los Alamos, General, Death Certificates for Los Alamos/Zia Company Autopsy Reports, 1959-1980.

Data Elements: 8, 28, 42, 54-55

Comment Sheets, 1982-1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.
(2 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 7, Shelf 2

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: By name of Epidemiology staff member, thereafter alphabetical by employee name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains completed forms which Epidemiology staff members used to clarify and correct information in the Los Alamos database. The comments on the forms include corrected information concerning termination of clearance, race, social security number, name, birthdate, and hire and termination dates.

Data Elements: 7-9, 16-17, 21, 24-25, 28

Data Inventory Sheets, 1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: Numerical by personnel inventory number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains data inventory sheets for personnel records at the Los Alamos National Laboratory. Data included in the inventory are the name of the site, data custodian, employer, records system title and function, physical form of record, data description and variables, date of inventory, and notes. Also included are sample forms and computer-generated reports, some of which contain employee names.

Data Elements: 8

Death Certificate Search Status for Deceased Employees, 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.
(1 binder).

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 2

Medium: Paper

Scanning Suitability: Suitable

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name of deceased

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated lists of deceased Los Alamos, Albuquerque Operations Office, and Zia Company employees which were used as supporting data for epidemiologic studies. The lists contain the following information: employee names, social security numbers, and dates and places of death. The binder also contains coding information.

Data Elements: 7-8, 54, 56

Death Certificates for Los Alamos/Zia Company Autopsy Reports, 1959-1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.
(1 spiral notebook)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Series contains faded records and handwritten notes.

Duplication: Originals are in various state vital statistics offices/health departments. Duplicates are in Room 203.

Arrangement: Alphabetical by decedent name

Originating Office: Various state vital statistics offices and health departments

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These duplicate death certificates were collected by a Los Alamos National Laboratory radiobiologist for a study of plutonium measurement in autopsy tissue samples. The records accompany autopsy reports for Los Alamos/Zia Company employees maintained in a separate binder. Each death certificate includes the decedent's name and address, sex, dates and places of birth and death, age on last birthday, race, nationality, marital status, spouse's name, parents' names, social security number, occupation, cause of death, attending physician's name, and cemetery location.

For related records, see II. Los Alamos, General, Autopsy Reports for Los Alamos/Zia Workers, 1959-1979.

Data Elements: 7-9, 11-13, 17-18, 20-21, 23, 28, 53-56

Deceased Employee List, 1953-1981

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains faded, handwritten, and computer-generated records.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This list contains information on deceased Los Alamos National Laboratory employees, including their social security numbers, names, birth and death dates, and places where Social Security Administration claims were filed.

Data Elements: 7-8, 17, 54

Dosimetry Roster, 1977

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 4, Shelf 1

Medium: Paper

Scanning Suitability: Series contains some faded records.

Duplication: Some duplication may occur on a computer tape.

Arrangement: The first half of the roster is numerical by Z number and the second half is alphabetical by name.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This roster is a list of Los Alamos employees for whom dosimetry readings exist. Included are employee names, Z and social security numbers, group codes, dates and places of birth, sex, last known vital status, and termination dates.

Data Elements: 7-8, 16-18, 20, 25, 58

Employee Database Reports, 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 4, Shelf 4

Medium: Paper

Scanning Suitability: Series consists of oversized records.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name and numerical by social security and badge numbers

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of records relating to mortality studies of Los Alamos/Zia company employees. It contains the history, source programs, and output for the HI4FILE.SRT database file. Also included are computer-generated reports with the following information: employee names, identification/badge numbers, social security numbers, birthdates, hire and termination dates, sex, race/ethnic backgrounds, dates of last known vital status, diagnosis dates, sites, causes of death (all causes, no restrictions), and observed and expected number of deaths for each cause of death (especially cancer). The series also contains several computer-generated reports, including one with Fortran programming information and another of a Zia Company badge list.

Data Elements: 7-8, 16-17, 21, 24-25, 47, 55

Employee Lists, 1980-1984

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelves 1 and 6; Cabinet 7, Shelves 1-2, 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and handwritten notes in red ink.

Duplication: Some duplication may occur in a computer database.

Arrangement: Varies; alphabetical by name, numerical by employee and social security numbers, and unarranged

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated lists of Los Alamos employees used as supporting data for epidemiologic studies. The series includes: a list of Los Alamos National Laboratory (LANL) employees by social security numbers from database file LASSN.SRT, dated 1980; a list of LANL employees as of March 1984, with employee birthdates and name changes noted; a report, titled *H-14 File* and dated July 1981, which lists employee names, Z numbers, social security numbers, birthdates, and hire and termination dates; a report, titled *LA People* and dated November 1984, which provides employee names, identification numbers, and department codes; two copies of *Epidemiology Data for H-14 - AADP-People*, dated April 1983, which list employee Z numbers, names, social security numbers, job titles, ethnic backgrounds, sex, and birthdates; a bound volume, titled *Complete Los Alamos Roster - LARost.CMP* and dated August 1982, which provides employee social security numbers, names, and work location codes; *Los Alamos Internal Consistency Check*, dated September 1983, which provides employee names, social security

Employee Lists, 1980-1984 (continued)

Series Description (cont'd)

numbers, sex, race, educational backgrounds, birthplaces, hire and termination dates, beginning and ending job titles, and Z numbers; *Los Alamos Data Base Information*, dated September 1983, which includes employee names, sex, departments, and hire dates; *Los Alamos Sample Edits*, dated December 1982, which indicate employee names and study numbers; and *Los Alamos Tidbits - Rosterck.LA*, dated 1983, which lists employee names, birthdates, hire and termination dates, sex, and department names. This record series also contains computer-generated reports, titled *LA.Edit* and dated 1983, which were used to check database information. These reports list employee names and identification numbers and provide initials of Epidemiology staff analysts and editors.

Data Elements: 7-8, 10, 16-18, 20-22, 24-25, 28, 31

Employee Lists, Employee Information System (EIS) and Health Physics (HP) Databases, 1964-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209 Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 1.5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelves 2, 5-6

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: EIS and HP databases

Arrangement: Varies; alphabetical by name, numerical by Z or social security number, and chronological

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of Los Alamos National Laboratory (LANL) employee lists generated from the Employee Information System (EIS) and health physics (HP) databases. EIS database records include reports located in Cabinet 6, Shelf 2, which provide employee names, social security numbers, birthdates, sex, race, spouses' names, hire dates, and Z numbers.

Records on Shelf 5 include computer-generated reports of combined data from the EIS and HP databases. A report generated from disk pack number B206, file LAPRHP.SAB, lists social security numbers, names, and birthdates for 21,441 LANL employees. The data on this

Employee Lists, Employee Information System (EIS) and Health Physics (HP) Databases, 1964-1982 (continued)

Series Description (cont'd)

report are arranged alphabetically by employee name. A second report, printed from disk pack number B308, files REYES.D1T and REYES.D2T, lists LANL employees from 1964 through 1980 and includes employee names, social security and Z numbers, birthdates, sex, ethnic codes, marital status, and termination dates. The data in this report are sorted chronologically by year, thereafter alphabetically by employee name. A third report, generated from disk pack number 309, file REYES.D2T, lists employee Z and social security numbers, names, birthdates, sex, marital status, ethnic codes, spouses' names, employers, nationalities, organization names, job locations, hire and termination dates, pay grades, educational backgrounds, job titles, and supervisors' names. The data in this report are sorted numerically by Z numbers.

Three additional employee lists from the EIS and HP databases are found on Shelf 6. Generated from electronic files LAEISS.SAB, LAPRHP, and LAPRHP.DUP, these lists provide employee names, social security numbers, birthdates, and data sources. The report from file LAEISS.SAB covers the period from 1964-1980. Data from file LAPRHP are arranged alphabetically, whereas data from LAPRHP.DUP are sorted numerically by social security number.

Data Elements: 7-8, 12, 16-17, 20-25, 27-28, 31

Employee Reunion Lists, 1985-1990

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 0.5 lin. in.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of lists of former employees of the Los Alamos National Laboratory (LANL) invited to staff reunions. The series contains one list of names and addresses of employees invited to the 1945-1990 LANL reunion. Included in this list are notes regarding who would attend, whose tickets had been paid, who had died, and who could not be located. Also included in this series is a list of names and addresses of LANL employees invited to the 1985 reunion.

Data Elements: 8, 11, 58

Job History Coding Information, 1951-1985

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 3 lin. in.
(1 accordian folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 4

Medium: Paper

Scanning Suitability: Series contains faded copies of forms, handwritten records, and oversized records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains employment and exposure data for individual workers. Included are cover sheets indicating employee names, hire and termination dates, and position titles and effective dates. Attached to each cover sheet is a coded sheet of information concerning the employee, including identification number, name, sex, education code, hire and termination dates, birthdate and place, tracing information, death date, death certificate number and information, autopsy data, health physics internal and external exposure information, date of first positive urine sample, urinalysis results, and date of last known vital status. The cover and coded information sheets are accompanied by copies of the employee's death certificate, urinalysis report, radiation exposure summary, health science data system report (which is a complete health summary and urinalysis detail), *Health Physics TLD* [thermoluminescent dosimeter] *Badge Annual Dose Report*, work location information, and radiation dosimetry body count results.

Data Elements: 7-8, 11-13, 17-18, 20-22, 24-25, 28, 31, 53-56, 58, 62, 68

Male and Female Employee Lists, 1980-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: By gender (females listed first), thereafter alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of lists of Los Alamos employees sorted by gender. The lists include employee names, social security numbers, hire dates, sex, and department codes.

Data Elements: 7-8, 17, 20, 24

Mortality Data Analysis Reports, 1977-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 10 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 4;
Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Series contains
computer-generated reports.

Duplication: Some
duplication may occur
in a computer database.

Arrangement: By study group (white males and females, Spanish-surnamed males and females), thereafter by latency periods of five and ten years

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated statistical analyses of all causes of death for Los Alamos National Laboratory employees. Statistical information is also provided for different cohorts, including male workers with a history of alcohol consumption. Included are tables indicating annual mortality rates (multiplied by 1000) for five year periods; observed and expected mortality events by age and year; and observed and expected mortality rates for various causes, including all causes, tuberculosis, different types of cancer, accidents, and suicide. At the bottom of each table are calculations for total years of survival; total population; average age of survival, entry, and death; and average year of entry and death. The series also contains programming information for a software program developed at Harvard University by Richard R. Monson.

Data Elements: None

Personnel Files, ca. 1945-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 9 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals are at LANL.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains various personnel forms for employees at Los Alamos. Included are employee termination notices, personnel action requests, employee rating reports, medical termination forms, recruitment records, employment applications, college transcripts, Personnel Security Questionnaires, badge requests, and personnel performance reviews. These records include the following information: employee names and numbers, social security numbers, maiden and other names, addresses, telephone numbers, spouses' names and addresses, birthdates, places of birth, sex, race, educational backgrounds, marital status, hire and termination dates, reasons for terminations, job titles, work histories, and work locations.

Data Elements: 7-13, 16-18, 20-28, 30-31, 34

Race and Ethnicity Employee List, 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.25 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains records with a landscape orientation.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This list of Los Alamos National Laboratory employees indicates names, ethnicities, job titles, dates of birth, Z numbers, and social security numbers. Attached is a memorandum indicating that this information was needed for the epidemiologic study of former and present Los Alamos plutonium workers.

Data Elements: 7-8, 16-17, 21, 28

Social Security Administration (SSA) Returns, 1979-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 4.5 lin. in.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 6, Shelf 6

Medium: Paper

Scanning Suitability: Series contains computer-generated reports, oversize formats, and colored paper.

Duplication: Some duplication may occur in a computer database.

Arrangement: Varies; numerical by social security number, alphabetical by name, and by vital status

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of search results that the Epidemiology Section received from the Social Security Administration (SSA). A list generated from the RLM3SS.SSS file consists of returns from a December 1979 SSA search and includes employee names, social security numbers, vital status, and, when applicable, death dates. A list from file LASSY.SSN, dated 1980, pertains to Los Alamos employees and includes employee social security numbers, vital status, dates of last known vital status, and, when applicable, death dates. A report from file LZASSA, dated 1982, pertains to employees at the Albuquerque Operations Office, Los Alamos, and the Zia Company and provides employee names, social security numbers, and vital status. This last report is divided into three sections sorted by either vital status, employee surname, or social security number.

Data Elements: 7-8, 54, 58

Social Security Administration (SSA) Submissions, 1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.25 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelf 6

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by social security number or alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated employee lists submitted or resubmitted to the Social Security Administration (SSA) to confirm the vital status of former Los Alamos National Laboratory employees. The list generated from the LAHPSS.STA [Los Alamos Health Physics Social Security] computer file includes employee social security numbers, names, vital status, and dates of last known vital status. Information returned from the SSA in response to this submission is contained in the LAHP database. The list from computer file LARSSS.SAB 522 provides employee social security numbers, names, vital status, dates of last known vital status, and, when applicable, death dates.

Data Elements: 7-8, 54, 58

Tracing Records, 1986-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.75 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Lateral file cabinet, bottom shelf

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series documents attempts to trace and locate former Los Alamos employees. The files include correspondence to former employees or their family members, medical records, and forms for permission to use medical records. The records contain the following information: employee names and numbers, addresses, spouses' names and addresses, social security numbers, birthdates, hire and termination dates, dates and causes of death, and medical history information.

Data Elements: 7-9, 11-13, 16-18, 20-21, 24-25, 28, 35-37, 42, 44-45, 47, 54-55

Visitor List, 1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 1

Medium: Paper

Scanning Suitability: Series contains computer-generated reports, oversize format, and faded records.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of a computer-generated list of information relating to visitors to Los Alamos National Laboratory. Included is data on the visitor's name, badge number, social security number, sex, place of employment or study, and other unidentified numerical information.

Data Elements: 7-8, 16, 20

Z Books, undated

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. ft.
(4 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Lateral file cabinet

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Alphabetical by name and numerical by Z number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: The Z Books contain lists of persons issued Z numbers by Los Alamos National Laboratory (LANL). The Z numbers serve as identification numbers for LANL employees. In two of the four binders the employees are listed alphabetically by surname; in the other two binders the same employees are listed in numerical order by Z number. Each list contains employee names; Z, social security, and clearance numbers; birthdates; and sex.

Data Elements: 2, 8, 16-17, 20

Z Number Records, 1984-1992

Location: Active:
Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: One set of fiche is numerical by Z number; the other is alphabetical by employee name.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains personnel information concerning Los Alamos employees, including employee names, Z and social security numbers, birthdates, and employers' names.

Data Elements: 7-8, 16-17

Birth Studies Files, ca. 1949-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 6 lin. in.
(2 binders)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Suitable

Duplication: Originals are at State of New Mexico and Los Alamos County offices.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list; table of contents at beginning of first binder

Disposition Authority: Unscheduled

Series Description: This record series contains materials which supported studies of children born in the Los Alamos area. The files include the following types of records: State of New Mexico vital statistics codes; a 1978 summary of birth tabulations, which indicates children's names, birthdates, fathers' names and occupations, and counties of residence; data analyses of the number of children born to Los Alamos employees (including Los Alamos Scientific Laboratory, Zia, Los Alamos Constructors, Inc., and Department of Energy employees); data on all births occurring at Los Alamos Medical Center (1950-1977); lists of Los Alamos and non-Los Alamos occurrence births (1973-1976), which include places of residence, birthplaces, mothers' ages, names and sex of children, birthdates, and birth weights; copies of New Mexico birth certificates; certificates of stillbirths in Los Alamos County (1949-1952, 1969), which list births by month; Los Alamos County birth statistics (1957-1968), which list births by date; and New Mexico and Los Alamos County birth statistics (1971-1976).

Data Elements: 8, 11-13, 17-18, 20-21, 28

Cause of Death Reports, 1986-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 3.25 lin. ft.

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 4, Shelf 6

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and handwritten notes.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of statistical analyses pertaining to causes of death among female workers at Los Alamos. The analyses include exposure levels to radiation and induction periods [period of time between exposure to radiation and cancer diagnosis] of two, five, and ten years. Also included are statistics showing the annual rate of occurrence for various types of cancers in a five-year period times 1000 for Rocky Flats white male workers exposed to more than one rem, with induction periods of two, five, and ten years.

Data Elements: None

First Positive Exposure Data, 1986

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Record is unclassified and may be a Privacy Act System of Records.

Volume: 0.25 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 6

Medium: Paper

Scanning Suitability: Series consists of a computer-generated report.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains a computer-generated report from file LAPU.POSDAT, dated November 1986. The report indicates the date of the first positive urinalysis for plutonium among Los Alamos female employees. It includes the following information: employee identification and social security numbers, job titles, names, birthdates, hire and termination dates, death dates, and levels of first plutonium exposure.

Data Elements: 7-8, 16-17, 24-25, 28, 54, 69

Health Physics Cases and Controls, 1945-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. in.
(2 binders)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and handwritten notes.

Duplication: Some duplication may occur in a computer database.

Arrangement: By study group (white females and males, Hispanic females and males), thereafter numerical by case number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of reports of Los Alamos employee radiation exposure analyses obtained from the Monson statistical program. The reports include employee name and number, and total radiation doses. The records also include, in handwritten notes, employee exposure levels by year, including beta, gamma, and tritium readings.

Data Elements: 8, 16, 59-62

Name Change Records, ca. 1986

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 0.75 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 4, Shelf 5

Medium: Paper

Scanning Suitability: Series contains a computer-generated report and some faded materials.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by Z number and alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The data on this computer-generated report pertains to name changes of Los Alamos women who were assigned Z numbers. Included are employee names, social security numbers, Z numbers, birthdates, hire and termination dates, and other unidentified numerical information.

Data Elements: 7-8, 16-17, 24-25

Source and Data Analysis Records, 1986-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 201, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains source material and data analyses for the Health Study of Los Alamos Female Workers. The records include data analyses of various causes of death among female workers, including all causes, all cancers, specific types of cancer, and suicide. The records also include information for employees exposed and not exposed to radiation. In addition, the series contains lists of all Los Alamos female employees, which provide employee names; Z, social security, and study numbers; birthdates; job titles; race; educational backgrounds; birthplaces; and hire, termination, and death dates. The records also include lists of suicidal deaths accompanied by copies of death certificates.

Data Elements: 7-8, 16-18, 21-22, 24-25, 28, 53-56

Statistical Analyses, 1986-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.25 lin. ft.
(9 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 4, Shelf 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and handwritten notes.

Duplication: Some duplication may occur in a computer database.

Arrangement: Varies; some binders are alphabetical by name, others are numerical or chronological.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains analyses and related information prepared in support of the Los Alamos Female Mortality Study. The material consists of four subseries. The first subseries contains data used to prepare the study databases, materials used to trace the vital status of female Los Alamos National Laboratory (LANL) workers, and National Death Index notes. The second subseries consists of materials related to the database software and includes programming notes. The third subseries consists of reports generated from database searches, compilations of data, and statistical analyses based on the data. Included in this subseries are analytic runs for all white females regardless of duration of employment at LANL, analyses of white females who were exposed or not exposed to external radiation, tables showing causes of death, computer-generated reports of specific causes of death, and education and plutonium analyses. The fourth subseries contains the analytic plan for the study, working notes, and memoranda.

Data Elements: 7-8, 16-18, 20-22, 24-25, 28, 54-55, 62

Employee Lists, 1974-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 2 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelves 2-5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and oversize formats.

Duplication: Some duplication may occur in a computer database.

Arrangement: Varies; alphabetical by name and numerical by Z or social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated lists of Los Alamos National Laboratory (LANL) employees. The lists were generated from several different computer files and databases and are sorted in various ways. The Health Study of Workers (HSW) *Dump File*, created in 1976, lists plutonium workers alphabetically by surname and provides employee social security numbers, spouses' names, addresses, sex, dates and places of birth, race, educational backgrounds, smoking habits, employment classes, years at risk, sample/accident data, plutonium²³⁸ and ²³⁹ body burden measurements, vital status, dates and places of death, job and illness histories, contact names, and whether employee was included in the original group of the Manhattan Project plutonium workers.

Also included are reports generated in 1974 from the HSW F-110 group, using the Fortran codes PUQFUA1 and PUQFUA2 [Plutonium body burden (Q) From Urine Assays-1 and 2] for calculating body burdens. These reports list employees numerically by Z number and include employee names, social security numbers, groups, sex, calculation dates for plutonium²³⁹, line numbers, calendar and integer dates, urinalysis results in picocuries, isotope or validation keys, potential accident keys, incremental and cumulative current body burdens in nanocuries, and incremental and cumulative nanocurie years.

Employee Lists, 1974-1979 (continued)

Series Description (cont'd)

The series also contains reports from the H-1 ID tape, dated 1976, and from the original H-1 file on the S2K database, dated 1978. Both of these reports list LANL employees numerically by Z number and provide employee names, social security numbers, groups, dates and places of birth, sex, termination dates, and accident data. Another list from the H-1 file is sorted by social security number and includes employee names and Z numbers. The H-1 master plutonium data (also the LAHPPU.RAW file) list contains employee names, Z numbers, social security numbers, group codes, birthdates, sex, accident data, lung burden measurements, and urinalysis dates. The H-1 plutonium exposure file report, dated 1974, is sorted alphabetically by surname and lists employee names, Z and social security numbers, group codes, dates and places of birth, sex, vital status, termination dates, and dates of earliest accident and earliest urine sample. The H-1 exposure IDTAPE report, dated 1977, lists LANL employees by Z number and provides employee names, group codes, and total plutonium²³⁸ and ²³⁹ body burdens. The source programs for these files are located on Tape GH135 and the ADP2GPE database.

The LAHPPU.ALL [Los Alamos Health Physics Plutonium--All Employees] file report provides employee names, Z and social security numbers, group codes, birthdates, sex, accident data, lung burden measurements, and urinalysis dates. This file was created using raw data from the H-1 file (also called LAHPPU.RAW) and social security numbers from the S2K database. A report titled PUINANL-5 lists Los Alamos employees by Z number and gives employee names, social security numbers, and urinalyses dates. The S2KHSW.DIT file report lists Los Alamos employees alphabetically by surname and includes job titles, social security numbers, addresses, sex, dates and places of birth, Z numbers, and hire and termination dates. A report labeled S2KHSW lists Los Alamos employees alphabetically by name and includes social security numbers, addresses, sex, dates and places of birth, Z numbers, and other unidentifiable numerical information. These last four reports are dated 1978-1979.

The list of Los Alamos employees titled LEE0072, and dated 1976, includes employee Z numbers, social security numbers, names, sex, groups, first urine sample dates, birthdates, assigned groups, calculation dates, and measurements for plutonium²³⁸ and ²³⁹ in nanocuries at the dates of employment terminations.

The computer-generated report titled RVIGARJ, and dated 1978, provides employee names, Z numbers, birth years, group codes, last calculation dates, results in nanocuries, current calculation dates, nanocurie years, last urine sample dates, total number of samples, valid samples, last accepted dates, and measurements for plutonium isotopes.

Data Elements: 7-8, 11-12, 16-18, 20-25, 28, 30, 36, 38, 47, 54, 56, 58, 62, 68

Plutonium Body Burden Records, 1977-1992

Location: Active:

Inactive: LANL, Technical Area 59, Rooms 203 and 209,
Los Alamos, NM 87545

Access Restrictions: Records are unclassified
and may be a Privacy Act System of Records.

Volume: 3.5 cu. ft.
and 2.75 lin. ft.

Accession or Other ID Number: None

Condition: Good to poor; ink
in some reports has trans-
ferred onto facing pages.

Container Number: Room 203: 1) Vertical file
cabinet; Room 209: 2) Cabinet 4, Shelf 4;
Cabinet 5, Shelf 1; Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Series consists of
landscape-oriented, computer-generated
reports.

Duplication: Some
duplication may occur
in a computer database.

Arrangement: Varies; alphabetical by name, numerical by Z number, and unarranged

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: 1) None; 2) Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated plutonium body burden calculations for Los Alamos and Zia Company employees. The records in Room 203, dated 1982-1990, contain the following data: employee names, identification numbers, work groups, plutonium isotopes being measured (238 or 239), total number of samples, dates of last samples, calculation dates, body burdens in nanocuries, and previous body burden results.

Plutonium Body Burden Records, 1977-1992 (continued)

Series Description (cont'd)

The records in Room 209 (Cabinet 4, Shelf 4) consist of computer-generated reports dated January 1984 and February 1986. A report generated from the [LANL] PUTESED.DAT file lists 9376 workers, arranged by Z number, who were exposed to plutonium. This report provides employee names and other unidentified data. Also included are reports generated from the PUQFUA [Plutonium Body Burden (Q) From Urine Assays] database. The data on these reports, arranged by employee surname, indicate employee identification numbers, group names (e.g., Zia Company), plutonium isotopes to which employees were exposed, dates of last sample, results (in nanocuries) of last sample, nanocurie years at last sample, current calculation dates, current body burden measurements in nanocuries, total nanocurie years, previous calculation dates and body burden measurements (in nanocuries), and potential dates of intake.

Also in Cabinet 4, Shelf 4, are three volumes of plutonium body burden lists (PUQFUA), dated 1991, for Los Alamos employees. The volumes contain employee names, identification and group numbers, plutonium isotopes to which employees were exposed, total number of urine samples collected, number of valid samples, dates of last sample, nanocurie years at last sample, current calculation dates and body burden measurements (in nanocuries), total nanocurie years, previous calculation dates and body burden measurements, and potential dates of intake.

The records in Room 209 (Cabinet 5, Shelf 1) consist of annual plutonium body burden calculations for 1986, 1991, and 1992. These annual reports contain body burden data for Los Alamos, Zia Company, Mason-Hanger, and Los Alamos/Albuquerque Office employees. The data are organized in sections. The first section lists employees (in alphabetical order) with plutonium body burdens of ten nanocuries or greater. The second section is an alphabetical list of all employees by last name and first initials. The third section consists of employees listed in order of those with lowest to highest plutonium body burden. The final section is a list of employees by the name of the group for which they worked.

The records in Room 209 (Cabinet 7, Shelf 3) include the following: a computer-generated report, labeled *Los Alamos Plutonium Data Base* and dated September 1987, which provides employee names, Z and social security numbers, and dates of internal exposure measurements; coding instructions for the *Los Alamos Plutonium Database*, dated September 1987; two binders of *Los Alamos Plutonium Data*, dated January 1987, which provide employee names, Z and social security numbers, departments, birthplaces, test dates, urinalysis results, plutonium exposure test results indicating initial body burdens, incremental current body burdens, and current body burden accumulations; and two computer-generated reports, titled *Data for Vienna Report* and dated December 1977, which provide employee names, social security numbers, states of residence, race, calculation dates, incremental and total burden levels for plutonium²³⁸ and ²³⁹, death dates, and states of death.

Data Elements: 7-8, 16, 18, 21, 31, 54, 56, 62, 68, 71

Social Security Administration (SSA) Data, 1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 6, Shelf 6

Medium: Paper

Scanning Suitability: Series consists of over-size formats and computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports prepared in support of the plutonium study. The report from file HPPUDAT contains a listing of Los Alamos employees submitted to the Social Security Administration to ascertain their vital status. Included are employee social security numbers and surnames. Another listing of Los Alamos employees was generated from the LAHPPU.SRT (Los Alamos Health Physics Plutonium--Sort) computer file. Only employee names and social security numbers are given. This file, dated November 1978, contains final corrections of social security data.

Data Elements: 7-8

Study Records, ca. 1945-1976

Location: Active:

Inactive: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Vertical file cabinet

Medium: Paper

Scanning Suitability: Series contains oversize and handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of materials created as part of an early 1970s study of Los Alamos plutonium workers. The files include study correspondence; raw data on Los Alamos workers in the mid-1940s, including employee names, urinalysis dates and results, exposure ratings, accident records, and employers (either University of California or Zia Company); data analyses of body burden readings; and work histories of Zia Company employees, which provide names, Z numbers, job titles, and hire and termination dates. The materials also contain lists of employees involved in plutonium accidents and accident dates; urine and fecal sample test results; and calculated plutonium body burdens, in nanocuries, with badge numbers as identifiers.

Data Elements: 6, 16, 24-25, 28, 68, 71



Injury List, 1977

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 0.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 4

Medium: Paper

Scanning Suitability: Record consists of an oversize format, fading, computer-generated report.

Duplication: Some duplication may occur in a computer database.

Arrangement: By code (first by A-numbers, then by R-numbers, thereafter numerical)

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This report lists each type of injury (including types of surgery) to be considered when entering data into computer databases. It also provides code designations for injury types.

Data Elements: None

**"Injury Mortality Among Employees of the Los Alamos National Laboratory:
Final 1986"**

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified
and may be a Privacy Act System of Records.

Volume: 0.5 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 5, Shelf 5

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This draft paper describes the Los Alamos Accident Study and its results. The purpose of the study was to examine and describe injury mortality among a cohort of persons employed by Los Alamos National Laboratory. Computerized records compiled for the study contain demographic and work history data, including study numbers, Z numbers, employee names, social security numbers, sex, race, educational backgrounds, dates and places of birth, hire and termination dates, and job titles.

Data Elements: None

Injury Reports, 1986

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 0.5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 5, Shelf 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports with a landscape orientation.

Duplication: Some duplication may occur in a computer database.

Arrangement: By variable

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated reports titled *Injurla* [Injuries at Los Alamos] *Frequencies* which contain statistical analyses of the frequency of injuries at Los Alamos National Laboratory. The information categories are value, frequency, percent, valid percent, and cumulative percent. The variables analyzed are ethnic group, job title, International Classification of Diseases (ICDA1 and ICDA2), sex, race, age at death, duration and type of employment, and birthdate. Also included are cross tabulation tables in which assorted variables are compared.

Data Elements: None

Medical Records, 1945-1956

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 0.25 lin. in.

Accession or Other ID Number: None

Condition: Poor; records include thermal facsimile paper.

Container Number: Cabinet 5, Shelf 5

Medium: Paper

Scanning Suitability: Series contains thermal facsimile paper and handwritten documents.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These medical records were used in support of the Los Alamos National Laboratory Accident Study. Included are accident reports, memoranda, patient examination records, and medical case histories for two accident victims.

Data Elements: 7-8, 17, 20, 28, 31, 35, 38, 54-56

Statistical Analyses, 1986

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 1 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 5, Shelves 5-6

Medium: Paper

Scanning Suitability: Records contain tables with a landscape orientation.

Duplication: Unbound copy of the same material is located in Room 209, Cabinet 5, Shelf 5.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports containing statistical analyses completed for the Los Alamos descriptive study concerning injury mortality. Included in the study, which received funding from the National Institute for Occupational Safety and Health, are analyses of those Los Alamos National Laboratory employees hired through 1978 and with deaths through 1983. Also included are those hired through 1981 with deaths through 1983. Analytical variables include sex, race, education, date of birth, hire and termination dates, date and place of death, cause of death, duration of employment, age at death, type of work, autopsy results, and inquest date. The analyses show the results in the injury frequencies for one or more variables. The records do not contain personnel-specific information.

Data Elements: None

Study Records, 1985-1986

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 6

Medium: Paper and transparencies

Scanning Suitability: Series contains faded handwritten documents, landscape-oriented records, and transparencies.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains materials used in support of the injury study, which was funded by the National Institute for Occupational Safety and Health. It consists of four main subseries. The first subseries consists of data used to prepare the injury study databases and includes information on library search results, a listing of accidental deaths at Los Alamos National Laboratory, and death certificates for Los Alamos and Zia Company workers. The second subseries contains materials related to the database software and includes coding instructions and data entry sheets for each injured employee. The third subseries consists of computer-generated data compilations and statistical analyses. Included in this subseries are computer-generated reports of injury deaths, reports of injury frequencies, Statistical Program for the Social Sciences database reports for Zia employees, and statistical analyses separated according to cause of death. The fourth subseries consists of reference material, working notes, reports, memoranda, study documentation, interim and final versions of the *Los Alamos National Laboratory Injury Mortality Report*, overhead projector transparencies, and mathematical tables.

Data Elements: 7-8, 16, 20-21, 28, 53-56

"Rejects From Lung Cancer Study," 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.
(1 binder)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Originals are in various New Mexico state offices.

Arrangement: By reason person was removed from lung study

Originating Office: LANL, Occupational Medicine Group, Epidemiology; New Mexico State Registrars

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists primarily of death certificates of former male Los Alamos National Laboratory (LANL) and Zia Company employees who were removed from a lung cancer study for various reasons, either because they were not LANL or Zia Company employees, their underlying cause of death was not lung cancer, or they were female employees. In addition to death certificates, the series includes employee lists for the study, which provide employee names, birthdates, social security numbers, and work facilities.

Data Elements: 7-8, 17-18, 20-21, 23, 28, 53-56

Employee Reports, 1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.25 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 7, Shelf 6

Medium: Paper

Scanning Suitability: Record is a computer-generated report.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by study number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This computer-generated report includes the following information: study numbers, employee names, social security numbers, sex, race, states of birth, hire and termination dates, first and last job titles, and dates of birth and death.

Data Elements: 7-8, 16-18, 20-21, 24-25, 28, 54

Exposure Rates Analysis Records, 1977

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 1 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 2

Medium: Paper

Scanning Suitability: Records consist of computer-generated reports in landscape format.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains four computer-generated reports, entitled AADPO42 (dated April 11, 1977), AADPO71, AADPO44, and AADPO42 (dated April 19, 1977), which list information concerning male employees at Los Alamos National Laboratory who were exposed to radiation. Included are employee names, social security numbers, birth and hire dates, as well as statistical analyses using this personal data.

Data Elements: 7-8, 17, 24

Source and Data Analysis Records, ca. 1990-1993

Location: Active:

Inactive: LANL, Technical Area 59, Room 201, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Records contain computer-generated reports and handwritten notes.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of source material and data analyses for the health study of Los Alamos National Laboratory male employees. Records contained in the series are as follows: lists of Los Alamos male employees, which provide employee names, social security numbers, race, educational backgrounds, birthplaces, birthdates, hire and termination dates, Z numbers, job titles, death dates, current vital status, and work groups and locations; copies of death certificates; data analyses of causes of death (e.g., all causes, all cancers, and various types of cancer) among Los Alamos male employees; analyses of employee exposure rates; and analyses of the relationship between employee exposure and cancer rates.

Data Elements: 7-8, 16-18, 21-22, 24-25, 28, 53-56, 58

Data Analyses of Malignant Melanoma Rates, 1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 8 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelves 3 and 5

Medium: Paper

Scanning Suitability: Records consist of computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: By study group (white males and females, Hispanic females and males)

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports of malignant melanoma rates for various groups of Los Alamos employees, including white males and females, and Hispanic males and females. Each report contains tables analyzing malignant melanoma rates by employee ages and time periods. Reports also calculate total years of survival, total number of people, average survival, average age of entry, average year of study, average year of death, and average age at death.

Data Elements: None

Incidence Study New Mexico Tumor Registry Linkage Files, 1982, 1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 8 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelves 4-6

Medium: Paper

Scanning Suitability: Records contain computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports concerning Los Alamos employees developed for cancer incidence studies. The reports list employee names, addresses, social security numbers, hire and termination dates, soundex numbers, sex, ethnic backgrounds, birthdates, and Z numbers. For those employees with an incidence of cancer, the records also list scores, New Mexico Tumor Registry (NMTR) account numbers, diagnosis dates, International Classification of Diseases (Oncology) codes, cancer site numbers, "MOT-NAC" types, current vital status, and causes of death. The files also include a printout of coding information used for linkage programs by the NMTR, dated July 1989. The program was originally written by the University of Michigan Tumor Registry.

Data Elements: 7-9, 16-17, 20-21, 24-25, 55, 58

Incidence Study Reports, 1982-1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 2 lin. ft.
(2 binders)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 4

Medium: Paper

Scanning Suitability: Records consist of computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: By study group (Anglo males and females, nonwhite males and females)

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports of data analyses of cancer incidences among Los Alamos National Laboratory employees. The reports contain the following information for various types of cancer: employee ages and years, total years of survival, total number of people, average survival rates, average ages and years of entry, average ages and years at death, and survival rates by five-year periods. The types of cancer include all cancers; melanoma; and breast, genital, and lymphatic cancer.

Data Elements: None

Lawrence Livermore National Laboratory Melanoma Study Reports, 1972-1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: Lawrence Livermore National Laboratory

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains copies of reports related to a study of malignant melanoma conducted at the Lawrence Livermore National Laboratory (LLNL). The study was used to support a Los Alamos study of melanoma at other sites. The file includes a history of the melanoma project, project publications, data from the studies analyzing the number of cases of melanoma among LLNL employees, and a plan for a follow-up study.

Data Elements: None

Study Records, ca. 1967-1982

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may a Privacy Act System of Records.

Volume: 1 lin. ft.
(1 binder, 16 folders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 7, Shelves 3 and 5

Medium: Paper

Scanning Suitability: Records contain handwritten notes and computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: Records in Cabinet 7, Shelf 3, include the following: coding instructions for melanoma data; study correspondence, dated 1977-1978; lists of former Los Alamos employees diagnosed with melanoma, dated 1977-1978, which provide employee names, sex, dates employees were entered in the cancer accession registry, ages, cancer descriptions, current vital status, race, birthdates, Z numbers, diagnosis dates, and death dates; lists of employees with external exposure to beta, gamma, and neutron radiation and to tritium; lists of employees and employers (Sandia, Zia Company, Los Alamos Constructors, Inc.); data on Los Alamos residents diagnosed with melanoma, dated 1967-1975, which include residents' names, birthdates, diagnosis and hospital admission dates, hospital numbers, sex, ages, and death dates; summaries of the melanoma project, dated 1977-1978; and coding sheets for cases excluded from the study, which provide employee names, Z numbers, job titles, birthplaces, race, social security numbers, birthdates, sex, educational backgrounds, hire and termination dates, and marital status.

Study Records, ca. 1967-1982 (continued)

Series Description (cont'd)

Records in Cabinet 7, Shelf 5, include the following: a copy of a publication titled *Analysis of Malignant Melanoma Incidence Among Employees at the Los Alamos National Laboratory from 1964 to 1978*; lists of cancer incidence rates among various groups of Los Alamos employees; age-adjusted incidence rate data; "H-2" diagnosis reports, which list employee names, Z numbers, group numbers, diagnoses, ages, sex, race and employers (Zia Company or Los Alamos); a report, dated October 1982, which provides employee names, social security numbers, sex, birthdates, current vital status, and causes of death; data analyses, dated January 1981, listing cancer incidences in the state of New Mexico from 1969-1973; a computer-generated report, titled *LAWM.MIG*, which provides study numbers, employee names, social security numbers, sex, race, and job titles; notes concerning individuals deleted from electronic files because they were not Los Alamos National Laboratory employees; and an undated computer-generated report, titled *INCV4T8.ALL*, which includes employee names, social security numbers, birthdates, hire and termination dates, identification numbers, and exposure levels.

Also on Shelf 5 is a *New Mexico Tumor Registry (NMTR) Record Linkage Report*, dated October 1982, which indicates employee names, addresses, social security and Z numbers, hire and termination dates, soundex numbers, sex, ethnic backgrounds, and birthdates. For those employees diagnosed with melanoma, the report includes NMTR account numbers, International Classification of Diseases (Oncology) numbers, cancer sites, current employee vital status, and, when applicable, causes of death.

Data Elements: 7-8, 11, 16-18, 20-25, 28, 54-56, 58-62

Medical Files Information, 1979

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 2 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 3

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: Records in this series were collected from the H-2 medical files in support of the Los Alamos Smoking Study and are in folders labeled *Los Alamos Medical Center*. The records provide employee names, social security numbers, dates of birth, and smoking histories, and indicate whether employees were members of the "UPPU" Club, "HS-2," or "HS-14." H and HS codes designate organizational units at Los Alamos National Laboratory.

Data Elements: 7-8, 17, 36

Smoking Histories, 1986

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 0.25 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 5, Shelf 3

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains computer-generated information, dated July 1986, concerning employee smoking habits which was collected by an Epidemiology Section graduate research assistant. Included is the study number, employee name, birthdate, and hire and termination dates. The series also contains handwritten notes indicating the amount each employee smoked per day.

Data Elements: 8, 17, 24-25

Study Records, 1984-1985

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 1 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 3

Medium: Paper, slides, and transparencies

Scanning Suitability: Series contains handwritten, faded records; slides; and transparencies.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains materials used in support of the Smoking Study, which was conducted by an Epidemiology Section graduate research assistant. The series consists of four main subseries. Subseries one consists of data used to prepare the study databases and includes a list of employees submitted to the Social Security Administration (SSA) and the National Death Index to ascertain vital status. This subseries also contains computer-generated reports of SSA submission data and results. Also included is an alphabetical list of deceased employees from the Albuquerque Operations Office, Zia Company, Los Alamos, and Mound. This list contains employee names, social security numbers, states and dates of death, and death certificate numbers. The second subseries consists of materials related to the database software and includes the H2MED data definition, smoking database definitions and programming notes, sample printouts, and program documentation for a 1984 SSA submission. The third subseries consists of computer-generated reports from database searches, including data compilations and statistical analyses. Included in this subseries are smoking and drinking test data and statistical information for male, female, Anglo, and Hispanic study subjects. The fourth subseries consists of the smoking study paper drafts, slides, graphs, overhead projector transparencies, and study advisory committee meeting notes.

Data Elements: 7-8, 17, 20, 36, 56

Activity Logs, 1984

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 8 lin. in.
(2 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 3

Medium: Paper

Scanning Suitability: Series contains
handwritten records.

Duplication: Unknown

Arrangement: By subject or date

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The wellness activity logs contain the results of questionnaires completed by 1016 users and 1016 nonusers of the Los Alamos National Laboratory Wellness Center. The logs do not contain the questionnaires themselves but include summaries and statistical analyses of questionnaire results (i.e., information on what fitness activities people prefer). The analyses compare smokers to nonsmokers, drinkers to nondrinkers, older to younger users, and users from different racial groups. The purpose of the analyses was to ascertain the characteristics of people who use the Wellness Center.

Data Elements: None

Blood Pressure Information Forms, 1984

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 1 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 5, Shelf 3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: By date, but not strictly chronological

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains forms resulting from blood pressure screenings at Los Alamos National Laboratory. The forms contain the name, Z number, group, organization, mail stop, blood pressure, comments, and examination date for each employee screened.

Data Elements: 8, 16, 31, 35

Health and Fitness Progress Test, 1985

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 4

Medium: Paper

Scanning Suitability: Series contains handwritten, faded records.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series, stored in binders labeled *M[ason] H[anger]-Fitness*, consists of health and fitness progress tests used in the Mason and Hanger Wellness Study. The tests contain information about Los Alamos employees participating in the Wellness Program, including the employee name, Z number, test date, physical characteristics, fitness and nutrition level, smoking data, and other information used to gauge physical fitness.

Data Elements: 8, 16, 35

Mason and Hanger Wellness Study Records, 1985-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 5.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelves 4-5

Medium: Paper

Scanning Suitability: Series contains handwritten forms, oversize and faded records, and computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Subject file classification

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains materials related to the Mason and Hanger Wellness Study. Mason and Hanger was the security contractor for Los Alamos National Laboratory (LANL). The LANL Wellness Center set up a fitness program to prepare the Mason and Hanger guards to meet DOE fitness standards. The Epidemiology Section at LANL examined the impact of the fitness program on the guards and the effects on the study subjects' weight, performance, biochemical parameters, and immune system.

This series consists of four main subseries. Subseries one consists of data used to prepare the Wellness Study databases. It includes information on participants' injuries, study members enrolled in a weight-loss clinic, and employees scheduled for stress tests; study participant and date-of-hire lists; a list of persons who completed qualifications testing; a

Mason and Hanger Wellness Study Records, 1985-1986 (continued)

Series Description (cont'd)

Mason and Hanger employee roster; and copies of health and fitness progress tests. The second subseries consists of materials related to database software and includes coding instructions, record definitions, and editing information. The third subseries consists of three computer-generated reports of study results, statistical analyses (generated with software from BMDP Statistical Software, Inc.), and conclusions. These three reports provide information concerning participants' names, Z and social security numbers, study numbers, fitness status, smoking habits, and physical characteristics. The fourth subseries consists of a statement of study procedures and goals, sample forms, working notes, reference materials that outline body fat and exercise norms, monthly reports, memoranda, and a final report, dated May 1986 and titled *Physical Fitness Training Program for Security Inspectors, Los Alamos National Laboratory*.

Data Elements: 7-8, 35

Physical Fitness Class Schedules, 1985

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.25 lin. ft.
(1 binder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 4

Medium: Paper

Scanning Suitability: Series contains handwritten, faded documents.

Duplication: Unknown

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series was created as part of the fitness study conducted on Mason and Hanger employees. The fitness class schedules list class dates and times; scheduled participants; and notations on attendance, including reasons for absences (i.e., sickness, vacation, late, and "no show").

Data Elements: 8

Wellness Profiles, 1984

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.
(3 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 4

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The Wellness Profiles analyze the fitness levels of Los Alamos National Laboratory employees participating in the Wellness Program. They indicate employee names, ages, profile dates, blood pressures, pulse recovery times, percentages of body fat, weights, flexibility, strength, and target heart rates.

Data Elements: 8, 35

Adjusted Mortality Rate Data, 1991

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** 1 lin. ft.

Accession or Other ID Number: None **Condition:** Good

Container Number: Cabinet 9, Shelf 2 **Medium:** Paper

Scanning Suitability: Series contains computer-generated reports. **Duplication:** Some duplication may occur in a computer database.

Arrangement: Numerical by computer job run number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports of Zia Company employee mortality rates. Each report contains mortality rate data for various causes of death (e.g., all cancers; circulatory, respiratory, colon, kidney, and lung disorders; pneumonia; suicide) and for employees who were and were not exposed to radiation. The data are stratified according to birthdates in five-year intervals between 1925 and 1985. They also include summaries at the end of each report which provide directly adjusted rate totals, exposed and unexposed Standardization Rate Ratios, and exposed Lower and Upper Confidence Interval totals. The records do not contain personnel-specific information.

Data Elements: None

Coding Forms, 1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 9, Shelf 6

Medium: Paper

Scanning Suitability: Records contain colored forms and handwritten information.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of forms used to code information regarding Zia Company employees into Fortran programs. The records include employee names, social security numbers, and population group codes.

Data Elements: 7-8

Deceased Employee Lists, 1980, 1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 9, Shelves 3 and 5

Medium: Paper

Scanning Suitability: Records contain handwritten notes and computer-generated reports.

Duplication: Unknown

Arrangement: Numerical by social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains of lists, dated September 1980, of deceased employees from the Zia Company and Albuquerque Operations Office. The series provides the following information: employee social security numbers, names, cities and states where social security claims were filed, facility codes, and dates of death. The October 1982 list of deceased Zia employees provide employee names and social security numbers.

For related records, see II. Albuquerque Operations Office, Social Security Administration Submissions and Returns, 1980.

Data Elements: 7-8, 54, 56

Department of Motor Vehicle Records, 1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 9, Shelf 3

Medium: Paper

Scanning Suitability: Records are highlighted and contain handwritten notes.

Duplication: Originals are filed with the Department of Motor Vehicles, State of New Mexico.

Arrangement: Numerical by employee number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains copies of 1989 Department of Motor Vehicle (DMV) records for Zia Company employees. They contain lists of employees with employee names and numbers, social security numbers, birthdates, and dates of death. The files consist primarily of copies of DMV records which indicate names, social security numbers, birthdates, addresses, eye colors, heights, sex, organ donor status, drivers license numbers, license issue and expiration dates, and citations from the previous three years.

Data Elements: 7-8, 11, 16-17, 20, 54

Employee Lists, 1980-1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 9, Shelf 6

Medium: Paper

Scanning Suitability: Records contain computer-generated reports and oversize materials.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of various lists of Zia Company employees. The lists are as follows: an active Zia Company employee list, dated November 1984, which includes employee names, Z numbers, contractor codes, job codes and titles, plant codes, sex, social security numbers, dates of birth and hire; a complete list of active and terminated Zia employees, dated June 1981, which includes employee names, social security numbers, sex, birthdates, race, Z numbers, occupation codes, and start and termination dates; a computer-generated report, titled *Zia* and dated May 1980, which includes employee names and identification numbers; two computer formatting printouts, dated October 1984; a "V" and "\$" number list of Zia employees, dated October 1984, which provides "V" and "\$" numbers and employee names; an undated report, titled *Zia.Pt.Zn Match*, which indicates Z numbers, employee names, birthdates, hire and termination dates, race, and job titles; and a report, titled *PRZALPHA*, which includes employee names, identification and social security numbers, and sex.

For related records, see II. Albuquerque Operations Office, Employee List, 1982 and II. Los Alamos National Laboratory, General, Employee Database Reports, 1983.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28

Employee Termination Cards, ca. 1951-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 45 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Zia Company/Los Alamos Constructors, Inc.

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains 42 microfiche that document Zia employees' termination of employment. The series also contains three fiche relating to Los Alamos Constructors, Inc., employees. The records indicate employee names and numbers, social security numbers, hire and termination dates, wage rates, reasons for termination, and whether or not employees had obtained Q level security clearances.

Data Elements: 7-8, 16, 24-28

External Exposure Reports, 1984, 1986-1990

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.75 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 9, Shelves 5-6

Medium: Paper

Scanning Suitability: Series contains charts, computer-generated reports, handwritten notes, and highlighted texts.

Duplication: Some duplication may occur in a computer database.

Arrangement: Records on Shelf 5 are unarranged; remaining records are alphabetical by name.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports documenting external exposure levels of Zia Company employees. Records in Cabinet 9, Shelf 5, include the following reports: *Zia ALLRAD ANALY.OCT 90*, which provides employee numbers and exposure levels; *Ziapu.dat 2*, dated January 1980, which includes employee names, identification numbers, and exposure levels; *Zia Tested for Plutonium but with no Personnel Microfiche*, which is undated and indicates employee names, identification numbers, and exposure levels; *Zia Dup.Name*, which is undated and provides employee names, identification numbers, and social security numbers; *NDI83 missing.dat*, which includes study numbers, employee names, Z and social security numbers, birthdates, sex, race, educational backgrounds, hire and termination dates, job titles, hire numbers, exposure levels in nanocuries, previous and current body burden measurements, isotopes measured, first sample

External Exposure Reports, 1984, 1986-1990 (continued)

Series Description (cont'd)

years, years of first positive exposures, cumulative exposure measurements, and dates and places of death; *External.dat 1-5*, dated April 1987, which includes employee names, Z numbers, and unidentified exposure levels; *External Data Name and Z Number Matches*, dated June 1990, which indicates employee names, Z numbers, and unidentified exposure levels; and *Unexposed Employee Name and Z Number Matches*, dated June 1990, which includes employee names, Z numbers, and exposure levels.

Records on Shelf 6 include exposure records for Zia Company plutonium workers. A report, dated 1984, provides the following information: employee names, identification numbers, hire dates, and incremental and total plutonium exposure measurements. A computer-generated report from 1986 contains the following information: employee names, Z numbers, birthdates, job titles, hire and termination dates, dates of exposure measurements, and total plutonium levels measured.

Data Elements: 7-8, 16-18, 20-22, 24-25, 28, 54, 56, 62

Personnel Abstract Sheets, 1976

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. in.
(1 binder)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 9, Shelf 3

Medium: Paper

Scanning Suitability: Records contain handwritten information.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains information, dated March 2, 1976, concerning Zia Company employees who were potential subjects for the Health Study of Plutonium Workers. The files include the following information: employee names, social security numbers, sex, birthdates, race, educational backgrounds, Z numbers, job start and termination dates, and job codes.

Data Elements: 7-8, 16-17, 20-22, 24-25

Personnel Documentation and Corrections, 1985-1988

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.
(1 binder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 9, Shelf 2

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains lists and computer-generated reports of Zia Company personnel. Many of the records contain handwritten corrections to printed information. The information includes employee names and numbers, social security numbers, job titles, sex, race, hire and termination dates, and birthdates.

Data Elements: 7-8, 16-17, 20-21, 24-25, 28

Personnel Files, ca. 1946-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 2/3 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Zia Company

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series documents the work history of all Zia Company personnel. The files include Personnel Security Questionnaires, employment applications, requests for record checks submitted to the New Mexico State Police, requests for leave, memoranda regarding pre-employment physical exams, patent agreements, and employee termination forms. These records contain the following information: employee names and identification numbers, social security numbers, addresses, previous addresses, previous employers, sex, race, birthdates, birthplaces, spouses' names and addresses, educational levels, marital status, hire and termination dates, reasons for termination, and wage rates.

Data Elements: 7-13, 16-18, 20-21, 23-28, 30-31, 33, 35, 40

Personnel Reports, 1980, undated

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 9, Shelf 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains computer-generated reports of Zia Company personnel as follows: *People Unique to ZIACRS.SSN*, dated June 1980, which includes employee social security numbers and names; an undated *List of Zia People Sorted by SSN*, which includes employee social security numbers and names; undated reports titled *ZIAS2K.OR1* and *Zia Data from S2K Data Base*, which provide employee names, social security numbers, addresses, sex, birthdates, states of birth, race, Z numbers, current vital status, job codes, and start dates; a report generated from file *ZIACOM.SSN*, dated June 1980, which provides employee social security numbers and names; an undated report, titled *Combination of ALOO and Zia Employees*, which gives employee social security numbers, identification numbers, and names; and *People Unique to ZIAS2K.SSN*, which includes employee social security numbers and names. The series also includes one bound report, titled *Database Restore (Zia on S2K)* and dated April 1980, which provides employee names, social security numbers, birthdates, and Z numbers.

Data Elements: 7-8, 11, 16-18, 20-21, 24, 58

Study Logs, 1989

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. ft.
(2 binders)

Accession or Other ID Number: None

Condition: Good to fair

Container Number: Cabinet 5, Shelf 2

Medium: Paper

Scanning Suitability: Series contains computer-generated reports with landscape orientation and handwritten notes.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The logs contain information on the work completed in support of the Zia Company epidemiologic study. Data include employee names, job titles, hire and termination dates, Z numbers, and social security numbers. The log also documents the checking and correction of facts in the Zia study database. Also included are handwritten notes pertaining to various computer programs.

Data Elements: 7-8, 16, 24-25, 28

Z and Visitor Number Report, 1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Record is unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 9, Shelf 2

Medium: Paper

Scanning Suitability: Series consists of a computer-generated report.

Duplication: Some duplication may occur in a computer database.

Arrangement: Numerical by Z number or visitor number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of a computer-generated list, dated September 14, 1989, of Zia Company employees. Information in the list includes employee names, Z or V[isitor] numbers, social security numbers, birthdates, sex, and department or subcontractor names.

Data Elements: 7-8, 16-17, 20

Abstract and Coding Cards, ca. 1964-1976

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 microfiche cabinet drawer (63 microfiche)

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Unscheduled

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains copies of completed *Demographic and Work History Abstract and Coding Data Cards* used by Dr. Thomas Mancuso for Mound employees.

For related records, see **II. Mound Plant, Master Record Book Sheets, ca. 1945-1975.**

Data Elements: 7-8, 10-12, 16-18, 20-21, 23-28, 30-31

Active and Terminated Employee Lists, 1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.
(1 binder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 3

Medium: Paper

Scanning Suitability: Series consists of photocopies of computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated lists of active and terminated Mound employees, as of June 1978. The reports provide employee names, health physics numbers, social security numbers, and birthdates.

Data Elements: 7-8, 16

Coding Cleanup Files, 1980-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. in.
(2 folders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 4

Medium: Paper

Scanning Suitability: Records contain handwritten information.

Duplication: Unknown

Arrangement: Employee lists are chronological by date of creation, thereafter alphabetical by employee name; remaining records are unarranged.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains coding information for analyses of Mound employee data and plutonium exposure histories. The files also contain lists which indicate employee names, birthdates, social security numbers, and hire and termination dates.

Data Elements: 7-8, 24-25, 117

Coding Instructions and Review Records, 1980-1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 4

Medium: Paper

Scanning Suitability: Records include handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology; Mound

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains instructions on how to code information concerning Mound employees, comments on those instructions, a Monsanto Chemical Corporation/Mound organizational chart, and an analysis of the research objectives for the Mound Study. The records contain information concerning employee names and telephone numbers, the organization of site contractors, the coding process, and types of data used.

Data Elements: 1, 8, 11

Coding Sheets, 1980

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545
LANL, Records Center, G-6, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 4 microfilm
reels; 3 cu. ft.

Accession or Other ID Number: LANL-
TA59: 1) None; Records Center: 2) TR 8435

Condition: Fair

Container Number: 1) Cabinet 8, Shelf 4;
2) Boxes 3-5

Medium: Paper
and microfilm

Scanning Suitability: Series contains
computer-generated reports and microfilm.

Duplication: Some
duplication may occur
in computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: 1) Shelf list; 2) Records Transfer Request

Disposition Authority: 1) Unscheduled; 2) Textual records are designated for destruction on 12/29/98.

Series Description: This record series contains personnel coding sheets in paper format and on microfilm for Mound employees. The sheets include the following uncoded information: employee names, social security numbers, birthdates, and hire and termination dates. Paper records also include the following coded information: employee sex, educational backgrounds, vocational/technical backgrounds, beginning and terminated occupation codes, health physics numbers, security data, hire and termination dates, and employment status (i.e., as either an exempt or nonexempt employee). Microfilmed records also contain information about beginning and ending wages, states of birth, and race.

Data Elements: 7-8, 17, 20, 22, 24-25

Data Records, 1971-1983

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.
(4 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelves 1 and 3

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology; Mound

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: Records in Cabinet 8, Shelf 1, include: a list of deceased employees with social security numbers and dates and places of death; a March 1978 telephone directory for the Mound facility with employee names, work locations, and telephone numbers; a Monsanto Chemical Corporation organizational chart from April 1978 with employee names and telephone numbers; data inventory sheets describing various databases created from Mound data and descriptions of types of data used, including employee names, social security and health physics numbers, birthdates, and hire and termination dates; a report pertaining to Monsanto employees, titled *Personnel at Risk in Plutonium-238 Operations* and dated August 1971, which includes employee names, social security numbers, and lung and systemic burden readings in nanocuries; correspondence between the Epidemiology Section and the Health Physics Operations Manager at Monsanto, dated 1978-1979, regarding the Health Study of Workers in the Nuclear Industry, the issue of protection of privacy related to the filming of personnel records, and the methods used for data entry.

Records on Shelf 3 include two binders of additional correspondence, status reports on the Mound studies, and some updated study data. These two binders are titled *Mound* and *Mound - Final Data*.

For related records, see III. **Mound Database Documentation, 1982.**

Data Elements: 1, 4, 6-8, 11, 16-17, 24-25, 28, 31, 54, 69

Editing Reports, 1980-1989

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM, 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: File cabinet, Shelf 1

Medium: Paper

Scanning Suitability: Series consists of faded computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Varies; some reports are alphabetical, others are chronological.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated data entries relating to Mound employees and retirees which were printed for editing purposes.

Data Elements: 7-8, 11, 16-17, 20-22, 24-25

Employee List, 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 4

Medium: Paper

Scanning Suitability: Records contain handwritten notes.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of a list of Monsanto Chemical Corporation employees at the Mound Plant whose race was omitted from the original employee list but was later entered by hand. The list includes employee names, social security numbers, sex, race, birthdates, social security status in 1979 and 1982, current vital status, and motor vehicle search information.

Data Elements: 7-8, 17, 20-21

Employee Record Cards, ca. 1947-1979

Location: Active:
Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 microfiche cabinet drawers.

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Mound

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of employee record cards for Mound employees. Included is the following information for each employee: name, social security number, employee number, birthdate, educational background, marital status, hire and termination dates, reason for termination, job titles, and previous work history. This series also includes employee identification photographs.

Data Elements: 7-8, 11, 16-17, 22-28, 30

Employee Record Sheets, ca. 1948-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records

Volume: 2 lin. in.
(2 folders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 4

Medium: Paper
and photographs

Scanning Suitability: Series consists of photocopies and photographs.

Duplication: Originals should be at Monsanto Chemical Corporation.

Arrangement: None

Originating Office: Monsanto Chemical Corporation

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of Employee Record Sheets for Monsanto Chemical Corporation employees at the Mound Plant. The Record Sheets include the following information: employee names, addresses, telephone numbers, social security numbers, birthdates, marital status, religions, educational backgrounds, previous work experiences, hire and termination dates, starting salaries, job titles, job position changes and reasons for those changes, and reasons for termination. The series also contains employee photographs.

Data Elements: 7-8, 11, 16-17, 22-28, 30, 33

Employee Reports, 1978-1983, 1990

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.25 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelves 3 and 5

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of various computer-generated reports pertaining to Mound employees. The reports are as follows: *Mound Mancuso*, dated September 1982, which provides employee social security numbers, names, job titles, and work locations; two reports, titled *Mound Database* and dated May and July 1983 respectively, which contain employee names, social security numbers, birthdates, hire and termination dates, sex, and race; *Mound Occupational History List*, dated October 1981, which indicates employee names, identification and social security numbers, sex, hire dates, job titles, and death dates; *Mound People*, dated August 1983, which pertains to active and terminated employees and includes employee health physics numbers, names, social security numbers, hire and termination dates, and birthdates; *Mound List*, dated November 1982, which provides employee names, identification numbers, study numbers, and hire and termination dates; a list of all terminated Mound/DOE Health Physics employees, dated June 1978, which gives employee names, identification and social security numbers, hire and termination dates, and birthdates; a list, titled *Mound Plutonium Active Employees* and dated September 1980, which indicates employee names, health physics numbers, sex, and ethnic backgrounds; an undated list, titled *Social Security Number Order*, which includes employee social security numbers, names, and work locations; and *SSA Study*, dated May 1981, which provides overall male and female mortality rates by work groups.

Employee Reports, 1978-1983, 1990 (continued)

Series Description (cont'd)

The series also contains a report titled *Rochester File Records for Monsanto Chemical Company, Unit III* and dated June 1990. This report provides employee names and identification numbers. Also included are two system logs. The first log, dated 1981, contains a computer-generated report of data in COBOL. The second log, dated 1982, contains information on fields used in exposure reports. Also included is an untitled report with employee names, identification numbers, testing dates for radiation exposure, and exposure levels.

Data Elements: 7-8, 16-17, 20-21, 24-25, 54, 62

Employee Search Files, 1973, 1983

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 4

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series was created as part of a search for former Mound employees. There are four types of records in this series. The first type includes records from a February 1983 search of Ohio motor vehicle records. Included are employee names, social security numbers, birthdates, sex, and current addresses for those employees located in the search. The second type is a list of Monsanto Chemical Corporation employees at Mound from November 1973, which includes employee names, addresses, and telephone numbers. The third type are records documenting attempts to locate former Mound employees by telephone. These include employee record cards, which provide employee names, telephone numbers, addresses, social security numbers, previous employers, education data, birthdates, marital status, religions, and hire and termination dates. The fourth type consists of correspondence and information related to the Epidemiology Section's attempts to locate copies of death certificates. These records include employee names, birthdates, social security numbers, approximate death dates, and responses from state offices, some of which contain information on dates and causes of death for former Mound employees.

Data Elements: 7-8, 11, 17, 20, 22-25, 54-56

Health Physics Employee Reports, 1980-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 5

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of computer-generated reports as follows: *Mound Health Physics Coding Instructions*, dated October 1982, which provide information on coding personnel data for Health Physics reports; *Plutonium-Active Employees*, dated January 1980, which contains lung and systemic burden measurements for active personnel monitored by Health Physics and includes employee names, health physics and social security numbers, and lung and systemic burdens in nanocuries; and *Mound Health Physics 10 percent Sample Edit*, dated August 1982, which includes employee names and social security numbers, previous neutron and tritium body burden levels, and yearly and cumulative neutron and tritium body burden totals.

Data Elements: 7-8, 16, 60-62, 69

Health Physics Files, ca. 1947-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 microfiche cabinet drawer (9 microfiche)

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: Numerical by badge and social security numbers

Originating Office: Mound

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains health physics records pertaining to Mound employees. Included are internal/external dose records, dated 1964-1979 and arranged numerically by badge number, which provide estimated annual body doses in rems for gamma, neutron, skin, tritium, whole body, and life-to-date. The files also contain *External Exposure Analysis Annual Reports*, dated 1947-1978, which consist of information on worker and visitor annual doses, types of employment, and exposure readings for gamma, neutron, skin, tritium, whole body, and lifetime accumulation. Annual reports are arranged by social security number.

Data Elements: 7-8, 16, 59-62, 65

Internal Revenue Service Form 941s, 1944-1978, 1980

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. ft.
(6 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 1

Medium: Paper

Scanning Suitability: Records from 1961 to 1969 are on thermal facsimile paper.

Duplication: Originals are at the Social Security Administration.

Arrangement: The records from 1944 to 1964 are chronological by year and then alphabetical by employee name. The records from 1968 to 1977 are numerical by social security number. The records from 1965, 1967, 1978, and 1980 are unarranged.

Originating Office: Monsanto Chemical Corporation

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of copies of *Internal Revenue Service Form 941* for employees of the Monsanto Chemical Corporation, which operated the Mound Plant as DOE's contractor until 1991. *Form 941* is a quarterly report of wages taxable under the Federal Insurance Contributions Act (for Social Security). The files include lists of employees with the following information: employee names, social security numbers, taxable wages, states of employment, and names and addresses of employers. The records from 1965 to 1977 do not include taxable wages. The records from 1978 and 1980 are W-2 forms and include employee names, addresses, and social security numbers; employers' names and addresses; wage amounts; and federal, state, and local taxes withheld.

Data Elements: 7-8, 11, 16

Lists of Employees Reported on Form 941s, 1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Duplicate copies are in the same folder.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of lists of persons employed by Mound/Monsanto Chemical Corporation from 1944 to 1960 who were reported to the Social Security Administration on *Form 941* [quarterly reports of wages taxable under the Federal Insurance Contributions Act] but are not included in the Mound database. The lists include employee names, social security numbers, and years in which employees were removed from the database.

Data Elements: 7-8

Master Record Book Sheets, ca. 1945-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelves 5-6

Medium: Paper

Scanning Suitability: Series consists of photocopies.

Duplication: Originals should be at Mound.

Arrangement: Alphabetical by name

Originating Office: Mound

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of photocopies of *Master Record Book Sheets* for Mound employees. The sheets include the following information: employee names, social security numbers, payroll numbers, birthdates and places, sex, race, dates of record, relatives' names and ages, work histories, and job titles. This is part of the data gathered by Dr. Thomas Mancuso, a physician and research professor at the University of Pittsburgh's Graduate School of Public Health, who held a contract with the Atomic Energy Commission and Energy Research and Development Administration from 1965 to 1976 to conduct health effects studies for nuclear weapons production workers.

Data Elements: 7-8, 12-13, 16-18, 20-21, 28, 30

Occupational Coding Files, 1981-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 4

Medium: Paper

Scanning Suitability: Series contains
handwritten records.

Duplication: Unknown

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains information on the coding of Mound employee occupations. The files contain correspondence, handwritten notes, and instructions on how to code information. These records do not include personnel-specific information.

Data Elements: 5

Plutonium Body Burden Data, 1971, 1980-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.5 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelves 3-4

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of several computer-generated reports of plutonium body burden results for active and terminated Mound employees involved in plutonium²³⁸ operations. One report covers employees terminated prior to January 1, 1980; a second covers employees terminated prior to January 1, 1982; and the third report covers active employees through 1981. Reports from August 1971 and January 1982 pertain to active and terminated employees and include employee names, health physics and social security numbers, and lung and systemic burden estimates in nanocuries.

Data Elements: 7-8, 16, 62, 69

Plutonium Body Burden Records, 1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 6 lin. in.
(4 folders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Mostly alphabetical by name

Originating Office: Mound

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists primarily of records concerning individual plutonium body burden tests taken from 1961 to 1981 of all terminated Monsanto Chemical Corporation employees at Mound. The records include employee names, health physics numbers, dates of tests, test results (for "DR," "DIM," "DRMC," "PSI," Exposure), and number of samples. The first folder contains a list of terminated employees and total body burden results in nanocuries as well the date range of the samples.

Data Elements: 8, 16, 69

Polonium Exposure Records, 1988

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Lateral file cabinet

Medium: Paper

Scanning Suitability: Series contains faded records and photocopies.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of urinalysis records testing Mound employees for exposure to radiation and polonium. The records provide study numbers, names, exposure dates, and results in counts per minute. In addition, radiation urinalysis records provide employee badge numbers, social security numbers, dates, readings in counts per minute per milliliter, and dates information was entered. Polonium analysis records contain dates, health physics/social security numbers, race codes, and termination dates.

Data Elements: 8, 16, 68

Polonium Study Records, ca. 1984

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2.3 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 4

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of documents related to polonium studies of Mound employees. This series includes employee lists which provide employee names, study numbers, exposure dates, exposures in counts per minute, and sample volumes. The files also contain some notes with coding information. Also included are urinalysis records which indicate employee names, badge numbers, dates, and radiation levels in counts per minute.

Data Elements: 7, 16, 68

Social Security Administration (SSA) Submission Documentation, 1978-1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 3

Medium: Paper

Scanning Suitability: Records contain handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains raw data pertaining to social security numbers of Mound workers, as well as comment forms used to add or clarify information from the raw data. The data includes employee names, social security numbers, departments, and identification numbers. The files also include copies of Mound/Department of Energy active and terminated employee cards, dated 1978, which contain employee names and numbers, social security numbers, and birthdates. The series also contains a history of Monsanto Chemical Corporation's operation of the Dayton Project Site from 1943 to 1980, written by a staff member from Monsanto's Health Physics.

Data Elements: 2, 7-8, 16-17, 31

Social Security Administration (SSA) Submission Results, January 1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Lateral file cabinet

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports pertaining to information that Los Alamos received from the Social Security Administration. The reports indicate employee social security numbers, names, vital status, dates of entry, sources of information, last residences, claims, last known employers, and whether death certificates were available.

Data Elements: 7-8

Social Security Number Data, January 1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 3

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Originals should be at the Social Security Administration.

Arrangement: Numerical by social security number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains two computer-generated reports which contain Mound employee names, identification numbers, and social security numbers. One report consists of Mound employees generated from the RFLAMD.D79 file, which consists of information from the Social Security Administration (SSA). The other report consists of Mound subjects culled from an SSA search file.

Data Elements: 7-8, 16

Whole Body Dosage Reports, 1981-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 8, Shelf 3

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of seven database reports on whole body doses for Mound employees. The reports include the following information: employee names and numbers, social security numbers, and exposure readings for gamma, neutron, tritium, low, skin, and whole body doses. The reports also have badge fields for "FS6," "BS6," "NG7," "OW7" (Open Window), and "PG7" and quarterly and yearly totals for each employee.

Data Elements: 7-8, 16, 59-62, 65

Radiation Exposure Records, 1945-1960

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 0.25 lin. in.
(1 manila envelope)

Accession or Other ID Number: None

Condition: Poor; these are faded and discolored hard copy printouts of microfilm information.

Container Number: Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Records are faded and discolored.

Duplication: Microfilm is at REECo and LANL.

Arrangement: Chronological by film reel date

Originating Office: Clinton Laboratory; Reynolds Electrical and Engineering Company

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains radiation exposure and physical examination records of employees from Clinton Laboratory (now the Oak Ridge National Laboratory), Reynolds Electrical and Engineering Company (REECo) at the Nevada Test Site, and other sites and facilities. The records from 1945-1948 include employee lists, which provide employee names, workplaces, dates of readings, dosage levels, and badge numbers. Included with these lists are examination report forms, which provide medical examination dates; employee names; X-ray, bloodcount, urinalysis, vision test, and physical examination results; medical histories; and Clinton National Laboratory urinalysis and hematology findings. The records from 1954-1956 consist of exposure readings from film, badge, and pocket dosimeters. Records from 1960 contain radiation exposure records of REECo employees and include employee names, identification numbers, and exposure levels in millirems. On the outside of the manila envelope in which the records are stored is a note that states, "Films from LANL that were filmed by REECo and copies also at LANL."

Data Elements: 8, 16, 28, 31, 35, 45, 47, 59, 62, 68

Reynolds Electrical and Engineering Company (REECo) Dosimetry Records, ca. 1945-1983

Location: Active:

Inactive: LANL, Records Center, G-12, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 4 cu. ft.

Accession or Other ID Number: TR 10768

Condition: Good to fair

Container Number: Boxes 74-77

Medium: Paper

Scanning Suitability: Series contains computer-generated reports and thermal facsimile paper.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Records Transfer Request

Disposition Authority: DOE (1988) 1.3

Series Description: This record series consists primarily of computer-generated *Standard Dosimetry Master Reports* for employees of Reynolds Electrical and Engineering Company (REECo) at the Nevada Test Site. The reports include the following information: employee names and numbers, social security numbers, birth and death dates, causes of death, and dates and results of dosimeter readings. The files also include payroll locator cards for each REECo employee which are attached to the dosimetry master reports. These cards provide employee names and numbers, social security numbers, job classifications, hire dates, and pay rates.

Data Elements: 7-8, 11, 16-18, 20-21, 24, 27-28, 54-56, 59-60, 65, 68-69

Five Rem Study, 1984

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 4 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelves 3-4

Medium: Paper

Scanning Suitability: Series contains some faded records.

Duplication: Unknown

Arrangement: None

Originating Office: Oak Ridge Associated Universities

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains background material related to the Oak Ridge Associated Universities (ORAU) Five Rem Study. The study compared employees exposed to plutonium radiation at Oak Ridge National Laboratory, the Y-12 and K-25 Plants at Oak Ridge, National Lead Company of Ohio (the contractor at Fernald), Mallinckrodt Chemical Works, and the Comparative Animal Research Laboratory to those at Mound, Los Alamos, and Rocky Flats. The purpose of the study was to evaluate the efficacy of five rems as the annual occupational limit. Included in the series are: memoranda and data containing employee names and personal statistics; radiation monitoring and work history data from each facility for both the cohort and the comparison group; mortality and morbidity data for the cohort exposed to greater than or equal to five rem annually and for the "nonexposed" group subjected to less than or equal to one rem annually; an interviewing manual; a report titled *Building a Good Interviewing Relationship*; and interview forms.

Data Elements: 7-8, 16-17, 20-21, 24-25, 58, 62

Employee Histories, ca. 1970s and 1980s

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 6 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Pantex.

Arrangement: Numerical by employee badge number

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains work history information for active Pantex employees. The records include employee names and badge numbers, job dates, job descriptions, departments, pay rates, reasons for employment actions, and wage increases.

Data Elements: 8, 16, 27-28, 31

Employee Record Cards, 1951-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: ca. 1 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 1, Shelf 4

Medium: Paper

Scanning Suitability: Series consists of photocopies.

Duplication: Originals should be at Pantex.

Arrangement: Alphabetical by name

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of bound photocopies of Pantex employee record cards collected in support of the study titled *Mortality Among Workers at the Pantex Weapons Facility*. These records include employee names, identification and social security numbers, addresses, job titles, hire and termination dates, and reasons for termination.

Data Elements: 7-8, 11, 16-17, 24-26, 28, 33

Epidemiologic Study Records, ca. 1950-1990

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545
LANL, Records Center, G-8, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 11.3 cu. ft.

Accession or Other ID Number: LANL-
TA59: 1) None; Records Center: 2) TR 9379

Condition: Fair

Container Number: 1) Cabinet 1, Shelf 5;
2) Boxes 76-83

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Originals should be at Texas state offices and Pantex.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: 1) None; 2) Records Transfer Request

Disposition Authority: 1) Unscheduled; 2) DOE (1988) 1.3

Series Description: This series consists of records used or created for the epidemiologic study of Pantex employees. Records in Room 209 (Cabinet 1, Shelf 5) include computer punch cards pertaining to employees with Spanish surnames, employee lists sorted by badge or social security numbers, and information concerning employees' racial backgrounds; study correspondence, working papers, and notes; a copy of the published article concerning the study's conclusions; a *Pantex Plant Records Inventory*; mortality rate ratios for select cancers among residents in Texas counties; environmental monitoring reports for Pantex; quarterly federal tax returns (*Form 941*) for contractors at Pantex (e.g., Mason and Hanger, Silas Mason Company, Inc.), which include annual lists of employee names, wages, and social security numbers; and documentation for the Monitor software used for the study.

Epidemiologic Study Records, ca. 1950-1990 (continued)

Series Description (cont'd)

Material in the Records Center consists of 8 boxes of records, numbered 76-83. Box 76 contains computer-generated data concerning Pantex employees, including internal and external exposure data, cancer rates, causes of death, rates for respiratory and digestive diseases, and radiation and mortality studies of white males and females. These records are from 1950 to 1980.

Box 77 includes Pantex employee lists (including deceased employee lists indicating causes of death), a Pantex plant history, and computer-generated reports of employee radiation exposures. Box 78 contains a *Pantex Master Roster*, dated 1982, that lists employee names; social security, badge, and study numbers; birth, hire, and termination dates; sex; race; and job titles.

Box 79 contains copies of 1981 and 1982 issues of the newspaper *Pantexan*; undated badge cards which provide employee names, badge numbers, and contractors; a definition of the database for Pantex Health Physics records that contain whole body exposure data; a list of 423 records of Social Security Administration (SSA) "misfits," dated May 1982; Pantex health histories for brain tumor patients, dated October 1982, which include employee names, birthdates, positions, and departments; and coded SSA lists of residency data for deceased employees.

Box 79 also contains the following computer-generated reports: a report entitled MISFITS.LST; 1 (dated May 1982); a report entitled MISFITS.LST; 2 (dated June 1982); a report from PANTEX DEADWMLW; 1 (dated December 1982), which consists of SSA return data; *Wage and Salary Personnel Verification*, dated May 1981, which includes employee names, badge numbers, departments, job titles, birthdates, and social security numbers; an alphabetical list of Pantex employees, dated April 1981, which provides employee names, badge and telephone numbers, and addresses; *Security Area Master*, dated October 1980, which contains employee badge numbers, names, job titles, site or contractor names, clearance numbers, dates, areas, departments, and birthdates; and *People Master Finder*, dated January 1982.

Box 80 contains computer-generated reports titled *Pantex Deads*, *Pantex People With CVS* [Current Vital Status], *DATATRIEVE Output of Completeness of Cohort and Completeness of Death Certificate Ascertainment*, and *Documentation of Follow-up*. These reports provide employee names, hire and death dates, job titles, study and badge numbers, and current vital status. Box 80 also contains computer-generated reports on exposures of employees to radiation, including *Annual Exposure Report for 1982*, *List of Yearly Whole Body Exposure for 1976 and 1978*, and *Monthly Radiation Exposure Reports for 12/77 and 12/79*. These reports provide employee names; badge and social security numbers; annual whole body exposure totals; and exposure readings for whole body, skin, extremity, and internal exposure to gamma and neutron radiation and to various radionuclides. Also included are copies of *Texas State Department of Health Vital Statistics, 1956-1978*.

Epidemiologic Study Records, ca. 1950-1990 (continued)

Series Description (cont'd)

Boxes 81-83 contain various computer-generated reports of Pantex personnel, dated 1980-1983, which contain employee names, social security and badge numbers, birthdates, sex, race, and hire dates. Box 82 also includes copies of death certificates (ca. 1957-1982); a list of plant organizational codes (1979); a list of job titles and codes (1980); an organizational chart (1981); a job classification list (1981); and a deceased employee list (1980), which includes employee names, birth and death dates, hire and termination dates, years of service, job titles, and causes of death. Box 83 also contains a list of new employees (1981), a payroll list for active employees (1981), and a locator book for personnel records. These records include employee names, badge numbers, job titles and types, supervisors' names, department names, and codes. Also included are death certificates, dated 1979 to 1980.

Data Elements: 1-2, 7-9, 11-13, 16-18, 20-28, 30, 33

Occupational Radiation Exposure Records, ca. 1955-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1/2 microfiche cabinet drawer

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Pantex.

Arrangement: Alphabetical by name

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains internal and external dosimetry records of Pantex employees. The files include information on doses that employees received during previous employment, visits at other facilities, or employment at Pantex. Monthly, quarterly, yearly, and occupation-to-date measurements in rem are provided. The measurements also include doses to extremities and wrists, film dosimeter readings, and gamma and beta readings for various facility locations. In addition, the files include an *Occupational Radiation Exposure Audit*, which is a review of monitoring practices.

Data Elements: 7-8, 16, 18, 24, 59-60, 65, 69

Personnel Files, ca. 1950-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Pantex.

Arrangement: Alphabetical by name

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of microfiche of employee record cards, insurance application cards, and Personnel Security Questionnaires for Pantex employees. They include the following information: employee names, social security numbers, maiden names, addresses/telephone numbers, spouses' names, identification numbers, birthdates, places of birth, sex, race, educational backgrounds, marital status, hire and termination dates, reasons for termination, job titles, and previous work histories.

Data Elements: 7-13, 16-18, 20-28, 30-31

Source and Data Analysis Records, ca. 1980-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 201, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Lateral file cabinet

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains source materials and data analyses for a health study of Pantex workers and for investigations of cancer rates in the Amarillo, Texas, area. The files include the following types of records: tables and computer-generated reports of cancer mortality rates for various Texas counties; lists of Pantex employees with their telephone numbers; background materials for the Pantex study; monthly progress reports; a Pantex site history; a description of industrial hygiene monitoring procedures; information on the creation of the Pantex Environmental Impact Statement; lists of Pantex employees with employee numbers, names, hire and termination dates, current vital status, and death dates; and analyses of mortality rates among Pantex employees for various causes (e.g., all causes, various cancers, etc.).

Data Elements: 2, 8, 16, 24-25, 54, 58

Subcontractor Files, ca. 1960-1980

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1/3 of one row of one microfiche cabinet drawer

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Pantex.

Arrangement: Alphabetical by name

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains subcontractor badge request forms, area access approval forms, and *Security Termination Statement* forms for the Pantex site. The records contain the following information: employee names, identification numbers, birthdates, job titles, present employers, termination dates, and reasons for termination.

Data Elements: 8, 16-17, 25-26, 28

Terminated Employee Record Cards, ca. 1955-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 171 microfiche

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Original should be at Pantex.

Arrangement: Alphabetical by name

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of personnel record cards for terminated Pantex employees. The records include the following information: employee names, identification and social security numbers, addresses, telephone numbers, dates and places of birth, sex, educational backgrounds, marital status, hire and termination dates, reasons for termination, job titles, previous work histories, names and addresses of emergency contacts, and records of military service. Included in the series are microfiche copies of records for employees who were not medically active (medina).

Data Elements: 7-8, 11, 16-18, 20, 22-28, 30

Terminated Employee Security Records, ca. 1955-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 52 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Pantex.

Arrangement: Alphabetical by name

Originating Office: Pantex

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains information related to security checks of terminated employees. The files contain *Security Termination Statements*, which include employee names, identification numbers, titles, present employers, future residences, names and addresses of future employers, reasons for terminations, and termination dates. The files include badge requests and area access approvals which list the plant areas to which the employee had access. The files also include internal and external radiation exposure estimates for employees, which consist of monthly, quarterly, yearly, and occupation-to-date (lifetime cumulative) measurements, including doses to extremities and wrist.

Data Elements: 8, 16, 26-28, 31, 59-60, 65, 69

Birth Certificates, 1919-1977

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 4 lin. in.

Accession or Other ID Number: None

Condition: Poor; includes faded thermal facsimile copies.

Container Number: Cabinet 2, Shelf 3

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Originals are in states of birth.

Arrangement: None

Originating Office: Various state vital statistics offices and health departments

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains copies of birth certificates which were used to determine the vital status of former Rocky Flats employees. They provide employee names, dates and places of birth, family histories, and descriptions of physical characteristics.

Data Elements: 8, 17-21

Body Count Books, ca. 1951-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 16 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Dow Chemical Company; Rockwell International

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series was created to document the plutonium exposures of Rocky Flats employees. The records cover the time periods during which Dow Chemical (1951-1975) and Rockwell International (1975-1978) were contractors at Rocky Flats. The records contain plutonium body counter results which indicate employee names and numbers, dates of counter readings, reasons for readings, results in net counts per minute, and maximum permissible lung burdens for plutonium and americium.

Data Elements: 8, 16, 69, 71

Coding Sheets, 1979-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545
LANL, Records Center, G-13, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 10 microfilm reels; 2 cu. ft.

Accession or Other ID Number: LANL-TA59: 1) None; Records Center: 2) TR 11024

Condition: Good

Container Number: 1) Cabinet 2, Shelf 1; 2) Boxes 81-83

Medium: Paper and microfilm

Scanning Suitability: Series contains computer-generated reports, colored paper, and microfilm.

Duplication: Originals for the microfilm are in the Records Center.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: 1) None; 2) Records Transfer Request

Disposition Authority: 1) Unscheduled; 2) DOE (1988) 1.3

Series Description: This record series contains personnel coding sheets, titled *Identification Record*, for Rocky Flats contractor and subcontractor employees. The coding sheets include the following information: employee names, identification and social security numbers, job titles, contractor numbers, sex, race, hire and termination dates, educational backgrounds, birthdates, states of birth, and beginning and ending hourly wages. Coding sheets created in 1980 also include death dates, occupational histories, and the following codes: "ERC," "VoTech," "Eth.," "MC," "FR," "BC," "HD," and "DC."

Data Elements: 7-8, 16-18, 20-21, 24-25

Data Inventory and Visitor Dosimetry Records, 1957-1964, 1971, 1977-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. ft.
(2 binders and
2 microfiche)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 1

Medium: Paper
and microfiche

Scanning Suitability: Series contains microfiche.

Duplication: This series includes working and final copies of the inventory.

Arrangement: Varies; numerical by department or record series numbers, alphabetical by department, or chronological

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains completed inventory forms, dated 1977-1979, for various Rocky Flats divisions and record series. Each sheet contains information on the site, data custodian, employer, records system title and function, physical form of record, data description and variables, and date of inventory. Also included in the series are interview notes, a policies and procedures manual for the Medical Division, sample forms, Department of Energy prefix and organizational codes, copies of documents, memoranda related to the inventory, employee status codes, and reference information. One of the two binders contains rough drafts of the inventory sheets, and the other contains the final inventory.

Data Inventory and Visitor Dosimetry Records, 1957-1964, 1971, 1977-1979
(continued)

Series Description (cont'd)

Two sheets of microfiche are also included in this series. One fiche contains information on the external exposure to radiation received by visitors to Rocky Flats between 1957 and 1964. Each record lists visitor name, the department visited, and readings for the total body penetrating exposure received. The second fiche contains readings from dosimeters assigned to visitors at Rocky Flats, dated 1971. Included on the fiche are reading dates, employer names and addresses, visitors' names and social security numbers, and total body penetrating exposure readings.

Data Elements: 7-8, 62

Employee Record Cards, ca. 1951-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 5 microfilm reels

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Originals should be at Dow Chemical and Rockwell International.

Arrangement: By employment status (active or terminated), then alphabetical by name.

Originating Office: Dow Chemical Company; Rockwell International

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series documents the work history of employees at Dow Chemical and Rockwell International, contractors at Rocky Flats from 1951-1975 and from 1975-1989, respectively. The records provide the following information for active employees: employee names, identification numbers, current and previous addresses, telephone and social security numbers, emergency contact names and addresses, hire dates, previous employers, educational backgrounds, and military service data. For terminated employees, information also includes birthdates, ages at hire, weights, heights, sex, birthplaces, marital status, children, and physical defects. Included in the series are microfilm copies of master employee cards for Rockwell International employees who appeared on the March 3, 1978, *Internal Exposure Report*. These employees were either restricted from radiation areas, had 10 percent or greater maximum permissible lung burdens, or had positive wound counts or skin contamination.

Data Elements: 7-8, 11-13, 16-18, 20, 22-25, 28, 30-31

Epidemiologic Study Records, 1977-1991

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 18 lin. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 2, Shelves 1-6

Medium: Paper

Scanning Suitability: Some records are faded.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains four subseries. The first subseries consists of data used to prepare the Rocky Flats epidemiologic study databases and includes a list of Rocky Flats female workers' maiden and married names, search records from the department of motor vehicles and the Social Security Administration, and personnel records. The second contains materials related to the database software and includes coding and recoding instructions and a database description. The third subseries consists of reports of database searches, data compilations, and statistical analyses. The final subseries includes memoranda, reference materials, environmental monitoring reports, statistical analyses of cancer incidence patterns in the Denver metropolitan area, and United States mortality rate tables by county for 1962 to 1977.

For related records, see III. Rocky Flats Database Documentation, 1981

Data Elements: 7-9, 11-13, 16-18, 20-26

Exposure Coding Records, 1991-1992

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Lateral file cabinet

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports regarding Rocky Flats employees who were exposed to beta and gamma radiation. Information includes name, identification number, hire and termination dates, lifetime accumulation, type of radiation, year, total for year, cumulative total while employed at Rocky Flats, and type.

Data Elements: 8, 16, 59

Health Physics Files, ca. 1951-1979

Location: Active:
Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 1/3 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Rocky Flats.

Arrangement: By organization and then alphabetical by name

Originating Office: Rocky Flats

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains radiation exposure information for all Rocky Flats employees, including those from the Department of Energy (DOE), ARA Food Service, Meyer and Weddle, DOE-Houston, DEAL [possibly Department of Energy Albuquerque], Colorado State University, Los Alamos Scientific Laboratory, and Lawrence Radiation Laboratory (now Lawrence Berkeley Laboratory). The records in this series generally include the following information: employee names; identification and social security numbers; birth and hire dates; and quarterly exposure readings for penetrating, skin, and hand doses. Also included in the series are annual exposure reports, which provide lifetime exposure totals and termination dates; monthly, quarterly, and yearly reports with doses for skin, hand, and total penetrating radiation indicated in millirem; reports of employee exposures to plutonium, uranium, americium, and alpha radiation; *Termination Occupational Exposure Reports*, which include employee names, social security numbers, hire and termination dates, contractor numbers, birth and termination dates, and measurements for external and internal exposure to radionuclides; *Radiation Dosimetry Body Count Results*, which provide employee names, identification numbers, reasons for body counts, work locations, and exposure data in counts per minute and maximum permissible lung burdens; and urine and fecal sampling results.

Data Elements: 7-8, 16-17, 24-25, 31, 62, 65, 68, 71

Health Physics Lists, 1977-1978

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Varies; alphabetical by name and numerical by maximum lung dosage in rem or by employee number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The Rocky Flats Health Physics Lists contain information on employees who were exposed to radiation. One type of record lists lung burden estimates and includes employee names, man numbers, dosages, and exposures in millrem. A second type of record provides internal exposure levels, employee names, man numbers, termination dates, and dates of death. In addition, the records list those employees restricted from working in certain areas because they had reached the maximum allowable exposure level. Employee names, man numbers, and body burdens are listed for those whose maximum permissible body burdens were less than 3 percent, 3 to 10 percent, 10 to 25 percent, and 25 to 50 percent.

Data Elements: 8, 16, 25-27, 69, 71

Identification Records, 1979

Location: Active:

Inactive: LANL, Records Center, G-6, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 3 cu. ft.

Accession or Other ID Number: TR 8435

Condition: Fair

Container Number: Boxes 6-8

Medium: Paper

Scanning Suitability: Series contains computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by name

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Records Transfer Request

Disposition Authority: Designated for destruction on 12/29/98

Series Description: This series consists of records which serve as personnel coding sheets for Rocky Flats employees. Included is the following uncoded information: employee name and number; contractor number; social security number; and birth, hire, and termination dates. The following information is coded: job title, sex, educational background, beginning and final wage per hour, employment status, state of birth, "RFHP term 1975," "RFPer people master," "RFHP term people," employer record card, birth certificate, and record identification.

Data Elements: 7-8, 16-18, 20-22, 24-25

Internal Exposure Abstracts, 1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 microfilm reels

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 1

Medium: Microfilm

Scanning Suitability: Series consists of microfilm.

Duplication: Unknown

Arrangement: Numerical by contractor and employee number

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These microfilm reels contain abstracts of an internal exposure report pertaining to Rocky Flats employees, dated March 3, 1978, and other reports. The abstracts include data on internal exposures, lung burden estimates, percentage of maximum permissible body burdens, and urinalyses.

Data Elements: 8, 16, 68-69

Mortality Rates, 1981-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 0.5 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelves 2 and 6; Cabinet 3, Shelf 4

Medium: Paper

Scanning Suitability: Suitable

Duplication: Some duplication may occur in a computer database.

Arrangement: Chronological by 5-year period

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports of standard mortality rates for white males and females employed at Rocky Flats. Mortality rates are displayed in a grid format that matches the standard mortality rate for a given year to a given age (e.g., the mortality rate for 25-year-olds in 1950). Also included are the observed and expected mortality rates for various types of cancers.

Data Elements: None

Personnel Files, ca. 1951-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 5 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Dow Chemical and Rockwell International.

Arrangement: Alphabetical by name

Originating Office: Dow Chemical Company; Rockwell International

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of two primary types of records: employee record cards and health physics files of Dow Chemical and Rockwell International employees at Rocky Flats. The employee record cards identify the employer of each worker and document basic personnel information and employment histories. The record cards indicate employee names, current and previous addresses, previous employers, names and addresses of emergency contacts, hire dates, occupations, social security numbers, educational backgrounds, and military service. The cards also document all changes in salary and occupational titles and provide the reasons for those changes. They also include department names and organizational code numbers. Filed with the record cards are employee birth and death certificates.

The health physics files contain *Radiation Monitoring Reports of Incidents, Accidents or Possible Inhalations*, which provide incident locations and times, contamination levels, and descriptions of the contamination; *Radioactive Skin Contamination Reports*, which include diagrams indicating the extent and areas of skin contamination; *Radiation Dosimetry Wound Count Reports*, which include descriptions of wounds, gross and net count measurements,

Personnel Files, ca. 1951-1979 (continued)

Series Description (cont'd)

background readings, and medical actions taken; *Body Counter Information* forms, which provide employee names, identification numbers, body count dates and times, reasons for count, results in net counts per minute, and projected counts per minute for various body sites; *Wound Counter Information* forms, which include employee names, identification numbers, count dates and times, wound and source descriptions, and initial and final wound counts; and urinalysis reports, which indicate employee names and identification numbers, sample dates, and urinalysis results. Also included are annual badge reports, which provide employee names; identification and social security numbers; birth and hire dates; quarterly exposure levels for skin, hand, and penetrating radiation; and yearly and lifetime exposure totals.

Data Elements: 7-8, 11, 16-18, 20-22, 24, 28, 30-31, 38-39, 53-56, 65, 68-69

Personnel Security Questionnaires (PSQs), 1952-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 2, Shelf 1

Medium: Paper

Scanning Suitability: Series contains faded thermal facsimile copies.

Duplication: Unknown

Arrangement: None

Originating Office: Rocky Flats

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: The Personnel Security Questionnaires (PSQs) provide information for the Rocky Flats epidemiologic study database. The PSQs contain applicants' names and addresses, physical characteristics, marital status, family histories, vital statistics, nationalities, military service, employment and educational backgrounds, memberships, and other background information. Attached to some PSQs are employee cards with similar information.

For related records, see II. General, Personnel Security Questionnaires, ca. 1950-1993.

Data Elements: 7-13, 17-23, 25-26, 28, 30

Social Security Number Reports, July 1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 1

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals should be at Rocky Flats.

Arrangement: Fiche 1 is numerical by social security number; fiche 2 is alphabetical by name.

Originating Office: Rockwell International

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of microfiche which provide Rocky Flats employee surnames and social security numbers. The records were sent to the Social Security Administration to update the list of employees at Rocky Flats.

Data Elements: 7-8

Wound Book, ca. 1956-1978

Location: Active:
Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Unknown

Arrangement: Alphabetical by name

Originating Office: Dow Chemical Company; Rockwell International

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series was created to document injuries suffered on the job by Rocky Flats employees and radiation exposures which resulted from those injuries. The records include data for employees of Department of Energy site contractors, Dow Chemical Company (1956-1975) and Rockwell International (1975-1978). An index at the beginning of the record lists employee names, identification numbers, injury dates, and last radiation reading counts. The index is followed by documents pertaining to each employee injury. These documents provide employee names and numbers, descriptions of injuries and treatments, and exposure readings.

Data Elements: 8, 16, 38, 65

Year End Urinalysis Reports, 1977

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 31 microfiche

Accession or Other ID Number: None

Condition: Good

Container Number: Microfiche cabinet, Drawer 6

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: A second set of the microfiche is in the same drawer.

Arrangement: Numerical by employee number

Originating Office: Rockwell International

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of laboratory results of urinalysis tests performed for Rocky Flats employees. The records provide employee names, numbers, urinalysis results, and dates of tests; percentage of burdens; measurements for plutonium, uranium, and americium; and gross alpha readings. Microfiche cards 1-14 contain urinalysis information for Department of Energy and contractor employees, excluding those from Rockwell International. Microfiche cards 15-31 contain urinalysis results for Rockwell employees.

Data Elements: 8, 16, 68

Chronology and Background Materials, 1990

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 3 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 3, Shelf 4

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of a chronology of events leading to the publication and review of the Rocky Flats study published in the February 1987 edition of the *American Journal of Epidemiology*. The chronology is dated March 21, 1990, and covers events between 1984 and 1988. Also included are correspondence, meeting minutes, reviews of the article, draft and final copies of the article, letters to the editor of the *American Journal*, and the co-authors' response to letters to the editor.

Data Elements: 6

Statistical Analyses, 1986-1987

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** 9.25 lin. ft.

Accession or Other ID Number: None **Condition:** Good

Container Number: Cabinet 3, Shelves 1-4 **Medium:** Paper

Scanning Suitability: Suitable **Duplication:** Unknown

Arrangement: Chronological by 5 year period

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of statistical analyses concerning white male workers at Rocky Flats compiled for a paper published in the February 1987 edition of the *American Journal of Epidemiology*. The series includes analyses of the following: cancer deaths among white male workers correlated to radiation exposures of more than one rem for induction periods [time between exposure to radiation and cancer diagnosis] of two, five, and ten years; cancer occurrences in a five-year period times 1000 for Rocky Flats white male workers exposed to more than one rem for induction periods of two, five, and ten years; mortality rates for white male workers who were and those who were not exposed to radiation; thyroid cancer incidence among white male workers who were not exposed to plutonium and those who were exposed to plutonium radiation of more than two nanocuries for induction periods of two, five, and ten years; and cancer incidence after induction periods of two, five, and ten years for white male workers who were not exposed to plutonium as compared to those who had a burden of two or more nanocuries of plutonium.

Data Elements: None

Residual Confounding Paper Analyses, 1986-1987

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 2.5 lin. in.
(3 folders)

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 2, Shelf 1

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Subject file classification system (all causes, all cancers, all lymphomas)

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains statistical analyses of cancer incidences among Rocky Flats employees who were either exposed or not exposed to radiation. The information is numerical with few explanatory column headings.

Data Elements: None

Study Records, 1958, [1980]-1983

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 4 lin. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: Cabinet 3, Shelves 4-6

Medium: Paper

Scanning Suitability: Series includes faded records.

Duplication: Unknown

Arrangement: Coding sheets are alphabetical, and remaining material is unarranged.

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of four main subseries. The first subseries contains data used to prepare the Rocky Flats Brain Cancer Study databases. It includes a list of employees submitted to the Social Security Administration to ascertain vital status, statistics on mortality by occupation, medical records for employees who died of brain tumors, a list of external exposure and body burden rates for individual employees, dosimetry records for two employees, and a folder of employee health histories. Also included in this subseries are selection data for the controls.

The second subseries consists of materials related to the database software. It includes coding and recoding instructions and coding sheets for deceased, random, and matched controls.

Study Records, 1958, [1980]-1983 (continued)

Series Description (cont'd)

The third subseries consists of computer-generated reports of database searches and data compilations, and statistical analyses. Included in this subseries are calculations and analyses comparing the controls (deceased, random, and matched) and rate ratios for white males at Rocky Flats.

The fourth subseries consists of reports, memoranda, and reference material associated with the study. It contains information concerning diagnostic sensitivity bias in relation to the Rocky Flats Brain Cancer Study, drafts of the study, review requests, and review comments.

Data Elements: 7-8, 11-21, 23-26, 28, 31, 33, 35, 42-43, 45, 47, 53-56, 58, 62, 117

Budget Records, 1991-1994

Location: Active: LANL, Technical Area 59, Room 120, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: ca. 0.6 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Originals are at the Department of Energy/Headquarters or Rocky Flats; additional copies are in Room 210.

Arrangement: Chronological by year

Originating Office: LANL, Industrial Hygiene and Safety Group, Environment, Safety, and Health Division

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of budget materials pertaining to a feasibility study for the Complex Chemical Project, which examines the health effects of exposure to mixed chemicals at Rocky Flats. The materials include budget proposals, estimated and actual budget figures, proposal approvals, project descriptions, and charts of budget estimates by month and year. The files also contain copies of *Los Alamos National Laboratory Operating Budget System Costs Replacing Forecasts*, which include monthly budget estimates.

Data Elements: None

Progress Reports, 1993

Location: Active: LANL, Technical Area 59, Room 210, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 0.5 lin. in.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Chronological by month

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series consists of progress reports, dated May through July 1993, for the Complex Chemicals Project. The reports include information on the project budget status and describe work progress, including the creation of a database and performance of data analyses.

Data Elements: None

Source Records, ca. 1952-1994

Location: Active: LANL, Technical Area 59, Room 120, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified Controlled
Nuclear Information

Volume: ca. 9 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Originals
are at Rocky Flats.

Arrangement: None or numerical by job title

Originating Office: Dow Chemical Company; Rockwell International; EG&G

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This record series contains source materials for the Rocky Flats Complex Chemicals project. The purpose of the project is to establish the feasibility of determining employee exposures to chemicals adequate for use in epidemiologic studies. The files contain logs of information regarding chemical uses and handling procedures (1962-1987); Rocky Flats newsletters (1991-1993); Industrial Hygiene weekly summaries of incidents, procedures, and actions (1974-1976); Rocky Flats Chemical Operations procedures for conducting inspections, handling chemicals, cleaning tanks, and dealing with various incidents; *Beryllium Routine Analysis Records* (1965-1984), which consist of monthly air analysis results for various rooms, sample points, and areas; a copy of the *History of the Rocky Flats Plutonium/Actinide Recovery Plant (1952-1991)*, dated October 1991; Dow Chemical Industrial Hygiene monthly status reports (1957-1969); site maps and building blueprints (1972-1991); two copies of the Rocky Flats Environmental Impact Statement, dated 1980 and 1992 respectively, which describe the plant, its history, equipment, safety practices, and accident procedures; a *Material Hazards Manual* (1976), which describes potentially hazardous materials stored or used at Rocky Flats; an *EMF Key Subjects Index* (1992), which lists keywords relating to complex chemicals and descriptions of events relating to those keywords;

Source Records, ca. 1952-1994 (continued)

Series Description (cont'd)

a historic release report (June 1992), which contains summaries of chemical releases at Rocky Flats; memoranda and correspondence (1955-1977); internal reports and publications (ca. 1964-1991); draft reports of a ChemRisk history of Rocky Flats (1992); chemical analyses (1975-1980); organizational charts (ca. 1970-1988); and sample sheets, which contain measurements of chemicals at various building locations (ca. 1974-1984).

Also included are job descriptions for all Rocky Flats positions under both Dow Chemical Company and Rockwell International. Each description indicates the position title, classification and organization codes, date on which the position title was established, function, educational and other requirements, general duties and accountabilities, and status (i.e., whether the position was exempt or nonexempt).

Data Elements: 1-2, 8, 16, 24, 28, 31, 38, 81, 88, 102-103, 107, 115, 117, 122

Database Records, 1970-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 9 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 1, Shelf 4.

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: LANL

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains supporting documentation used in the coding and clean-up of the Savannah River database. Included is a *Savannah River Data Inventory* describing the data needed for the epidemiologic study, copies of forms, coding and cleanup information, information related to the history of the study, and Savannah River organizational charts. Also included is a folder containing correspondence, coding information, data definitions, exposure history materials, health protection annual histories, and other background information. Some computer-generated reports from the Savannah River databases are also in the series.

For related records, see III. **Savannah River Database Documentation, 1981-1982.**

Data Elements: 1-4

Employee Record Cards, ca. 1950-1969

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 9 microfiche cabinet drawers

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche

Scanning Suitability: Series consists of microfiche.

Duplication: Originals are at Savannah River; a duplicate set of microfiche is in the same room.

Arrangement: Alphabetical by employee name

Originating Office: Savannah River

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains microfiche copies of record cards for active and terminated Savannah River employees. The information includes employee names, job titles, sex, marital status, pay rates, departments, veteran and citizenship status, hire and termination dates, reasons for employment changes, prior employers, and emergency contacts' names and addresses.

Data Elements: 7-8, 11, 16-17, 20, 23-25, 28, 30

Internal/External Dosimetry Files, ca. 1950-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 212, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 74 microfilm rolls; 51 microfiche

Accession or Other ID Number: None

Condition: Fair

Container Number: Microfiche cabinet

Medium: Microfiche and microfilm

Scanning Suitability: Series consists of microfiche and microfilm.

Duplication: Originals are at Savannah River.

Arrangement: Varies; either alphabetical by employee name, chronological by date of badge readings, or numerical by social security number

Originating Office: Savannah River

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of microfilm and microfiche copies of dosimetry reports for Savannah River employees. The records include urinalysis test results, which list employee names, social security numbers, and urinalysis results. Other reports include badge readings, which provide employee names, social security and badge numbers, and estimated whole and partial body doses.

This record series also includes 70 rolls of microfilm which could not be examined because an appropriate microfilm reader for this size of microfilm was not available.

Data Elements: 7-8, 16, 59, 65, 68

Personnel Files, 1980-1982

Location: Active:

Inactive: LANL, Records Center, GS-13, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2.5 cu. ft.

Accession or Other ID Number: TR 11024

Condition: Good

Container Number: Boxes 75-77

Medium: Paper

Scanning Suitability: Series contains aperture cards and computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Records Transfer Request

Disposition Authority: DOE (1988) 1.3

Series Description: This record series consists of personnel records for Savannah River employees. Box 75 contains obituaries copied from newspapers, dated 1980-1982; aperture cards with information concerning retired employees; an alphabetical list of all employees, dated May 1982; health and mortality data forms; a list of deceased employees, dated September 1982; a list of deceased employees for whom death certificates were unavailable; a report generated from the Biomast database file, dated August 1981; an undated list of employee names; a payroll list of active and inactive employees, dated June 1981; and a computer-generated payroll report, dated May 1982. Boxes 76 and 77 contain Savannah River Health Physics reports, dated 1981, which provide employee names, identification and social security numbers, and hire dates.

Data Elements: 7-8, 11, 16-18, 20-26, 28, 54-56

Procedure Manuals, 1977-1991

Location: Active:

Inactive: LANL, Records Center, GS-13, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1.5 cu. ft.

Accession or Other ID Number: TR 11024

Condition: Good

Container Number: Boxes 77-78

Medium: Paper

Scanning Suitability: Suitable

Duplication: Originals are at E. I. du Pont de Nemours & Co. and Westinghouse Savannah River Co.

Arrangement: None

Originating Office: E. I. du Pont de Nemours & Co.; Westinghouse Savannah River Co.

Finding Aids: Records Transfer Request

Disposition Authority: DOE (1988) 1.3

Series Description: This record series contains standard procedures and practices manuals created by Department of Energy contractors which operated the Savannah River Plant. E. I. du Pont de Nemours & Company administered the Savannah River Plant from October 1950 through March 1989. Since then, Westinghouse Savannah River Company has operated the site. Box 77 contains a Westinghouse procedures manual, dated September 1990-January 1991, for a Power Operations Electrical Transmission System; revision pages for a Westinghouse Health Protection Department Radiation manual, dated 1991, which contains information on analytical, quality control, and general administrative procedures; and the *Health Protection Department Radiobioassay Counting Facilities Procedures Manual* (Westinghouse, May-June 1991), which contains information pertaining to the proper use and care of survey, laboratory, counting room, and special monitoring instruments.

Procedure Manuals, 1977-1991 (continued)

Series Description (cont'd)

Box 78 contains the *Health Protection Instrumentation Manual* (Du Pont, March 1988), which includes instructions for measuring alpha, beta, gamma, neutron, and tritium radiation and descriptions of various monitoring instruments; the *Industrial Hygiene-Hazardous Materials Manual*, dated June 1978, which contains descriptions of hazardous materials and instructions for evaluating and controlling exposure to them; the *Health Protection Personnel Monitoring Manual* (Du Pont, April 1977), which covers safety and routine procedures for wearing, using, and measuring results from TLD [thermoluminescent dosimeter] badges; the *Radiation and Contamination Control Manual*, which contains plant, personnel, equipment, and material regulations; special hazards bulletins, which include proper procedures for working in regulated areas or radiation zones, investigating radiation and contamination incidents, controlling radiation exposure, and wearing protective equipment; an *Industrial Hygiene Manual* (Du Pont, July 1979), which has information on industrial hygiene, industrial toxicology, and hazards survey procedures; the *Industrial Hygiene-Material Safety Data Sheets* (Du Pont, February 1980), which contain information regarding various materials, their health hazards, and precautions for exposure to them; the *Health Protection Department Radiobioassay Laboratory Procedures Manual* (Du Pont, February 1988), which contains information on analytical, quality control, *in vivo*, tritium bioassay measurement, and administrative procedures; and the *Health Protection Procedures Manual* (Du Pont, May 1988), which documents procedures for personnel, instrument and equipment usage, radioactive materials shipment, and health physics monitoring.

Data Elements: 81, 89, 91, 93-94, 96-98, 102, 107, 114

III. ELECTRONIC RECORDS

Comprehensive Epidemiologic Data Resource (CEDR) Database Update Log, 1993-Current

Location: Active: LANL, Technical Area 59, Room 205, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 1 lin. in.
(1 notebook)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains
handwritten notes and computer-generated
reports.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of one notebook documenting the updating of data submitted to the Comprehensive Epidemiologic Data Resource database. Daily entries pertain to such activities as file creation and updates. Also in this series are photocopies of instructions, truncation guidelines, and printouts of files or search results.

Data Elements: None

Computer Log Reports, 1985-Current

Location: Active: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 8 lin. in.
(2 binders)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series consists of computer-generated reports.

Duplication: Some duplication may occur in a computer database.

Arrangement: Alphabetical by database name

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of computer-generated reports of a log in which programmers recorded changes made to databases. This series tracks major changes to the data files, such as data updates, merging, sorting, and creation. Entries in the log pertain to data files in the Los Alamos, Mound, Pantex, Rocky Flats, Zia, and PSQ [Personnel Security Questionnaire] databases.

Data Elements: None

Computer Programmer Daily Journals, 1979-Current

Location: Active: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 21.5 lin. in.
(20 notebooks)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains
handwritten entries.

Duplication: None

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of logs that document the daily activities of two programmers. One log, dated 1979 to the present, consists of daily entries for data entry, edits, sorts, and runs completed. Also included are information about file structures, instructions for the use of data files, and documentation of field re-definitions. The entries relate primarily to data in the PSQ [Personnel Security Questionnaire], Zia, Pantex, Rocky Flats, Mound, and Los Alamos DATATRIEVE databases. Three other logs, dating from 1989, are maintained by the programmer responsible for updating and modifying data files in the Mound, Rocky Flats, and Los Alamos databases. Entries include printouts of file structures but relate primarily to data updates and changes. The log books may also include personal information pertaining to the programmers.

Data Elements: None

Computer Programmer Working Files, 1983-Current

Location: Active: LANL, Technical Area 59, Rooms 205 and 210,
Los Alamos, NM 87545

Inactive:

Access Restrictions: Unclassified

Volume: 21 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains handwritten, oversized records, and bound notebooks.

Duplication: Unknown

Arrangement: Varies; by study, thereafter roughly chronological, and alphabetical by subject

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of the working files of two computer programmers. Records of the Section's former programmer are housed primarily in three-ring binders in Room 210 and include data file printouts, programming documentation for utility files, printouts of analyses and search results, code layouts, and handwritten notes regarding file updates and modifications. Also included are manuscripts, publications, and some correspondence.

Binders and folders have the following titles:

H2Med

Los Alamos Women Com. 7/2/85

RF Mox Run (Mortality and Occupational Exposure Analysis) 8/1988

LA Males Name Match to external RAD[iation]DATA 6/87

Task: To form analysis files H2Med Histories b[lood] p[ressure] screen commenced 8/84

Los Alamos Males 3 BMDP (AdCom), Monsons, ..., 7/88

NEW LA PEOPLE 1, 10/85

LA_MALES 2, 6/87

Computer Programmer Working Files, 1983-Current (continued)

Series Description (cont'd)

Los Alamos Women 2, 6/86 Pu/Ext. [Plutonium/External Exposure]
Los Alamos Males 1, 1/87
Untitled [re: LANL.PLUTO], 2/1989
LA Women Analysis 3, 12/1986
Los Alamos Female Suicide Study 1/88
LAM [LA_Males], 1990
Los Alamos Exposure Data Pu 238/239, 9/85
Los Alamos Exposure Data, 7/85
Los Alamos Accident Analysis 1, 7/84
Rocky Flats 1 Exposure DATA, [7/85]
Savannah River [Population], [4/86]
Untitled [SSA Data Received, 1985-1989]
LAM New_LA_People 2, 1/89
LA Accident Analysis 2, 8/85
Mound I 4/85-12/86
Mound II [3/87-12/88]
Rocky Flats (Tracing Files) 4/85; RF_Trace.RF_People 10/85
Untitled [Los Alamos Incidence Study (?), 1985-1987]
Mound Analyses, Risk Ratios, DAR's, Descriptive 4/87
Untitled [LA Study, 1991]
Rocky Flats 3, 8/89 [includes History of Rocky Flats AJE Analytical File]
Rocky Flats 1965 Fire Data 3/88
NDI [National Death Index] Submission [various sites] 11/84
[Brown binder including *Protocol for the Study of Morbidity Among Plutonium Workers at 6 Department of Energy Facilities, ORAU 5 Rem Study Interviewer's Manual.*]
Fitness DATA, Documentation, SPSS Runs 10/84 [Los Alamos]
Morbidity Study: Injury Mortality [Los Alamos] 1/86
Mound Monson's 4/87; External Exposed/Unexposed
CWP [Corporate Wellness Program (?)] [1983]
UPPU Workers Nov. 1987 [Plutonium Workers for the Manhattan Project]
Wellness Center Users/Non-Users Documentation 10/84
B[lood] P[ressure] Screen Analytical File - Log [spiralbound notebook, no date]
SPSS Runs, BP Screen Users/Non Users controlling for ethnicity 10/84
Loose papers [re: PANTEX_People]
[File folder:] PANTEX: Discrepancies [1988]
Multiple Myeloma; Leukemia Case Control [1987]
Oak Ridge x10 Pu 10/87 [ORNL]
Rocky Flats 2, 4/22/87
Loose papers [possibly pertaining to UPPU workers, 1989]
Mound V 1/91
Mound IV 4/89
Mound CAW 5/88

Computer Programmer Working Files, 1983-Current (continued)

Series Description (cont'd)

The working files of the current computer programmer consist of 6 cubic feet. Of particular importance are daily logs which document the creation, editing, and updating of a large number of data files. The logs date from 1990 to the present and comprise approximately one cubic foot of records. Also included in the series are computer-generated reports made during file creation and programming documentation pertaining to computer files for New Mexico mortality rates. The series also contains approximately one cubic foot of records pertaining to the Rocky Flats Complex Chemicals Project. The records document the history of the project and include sample data sheets and notes taken by the data collectors. Relevant computer documentation is interfiled with other records. The logs may contain personal information pertaining to the programmers.

Data Elements: None

Computer Tapes Index, 1977-1979

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 0.25 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: None

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series consists of lists of computer tapes created by the Epidemiology Section staff. The lists include tape numbers and titles. Some of the lists also indicate the dates on which tapes were created and their locations.

Data Elements: None

Data File LASL.EXP Documentation, 1978-1987

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 5, Shelf 3

Medium: Paper

Scanning Suitability: Series contains handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of documentation for several data files created for the study of external radiation exposures of Los Alamos National Laboratory employees. Records include reports generated from the file and some programming documentation.

Data Elements: None

Data Files in Mass Storage Documentation, ca. 1978-1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 205, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 2 lin. ft.
(6 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains
oversize records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of inventories of American Standard Code for Information Interchange (ASCII) files kept in mass storage on disks at the central computing facilities at Los Alamos National Laboratory. These computer files are among the oldest created by the Epidemiology Section. The bulk of this series pertains to field names and record definitions. It also includes data pertaining to Pantex and Rocky Flats and documentation of data files converted to ASCII from S2K, an obsolete database management system. The series also contains documentation for the S2K Plutonium Workers database.

Data Elements: None

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Location: Active: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: Alphabetical by database name

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of database and software documentation for the software package DATATRIEVE. The records include a user manual and other publications provided by the software manufacturer. Also included are coding instructions for data files pertaining to the Zia, Pantex, Mound, Los Alamos, Rocky Flats, Savannah River, and Wellness databases. The files may also have additional database documentation such as editing instructions and file structure information.

The following is a list of titles to the binders and file folders in the series:

LANL Maidennames 3/93
Mound Occ Hists 1/94
RF HP 10/89
Comment Sheets RF HP 1992-1993
RF HR Records 8/92
RF HP 1991

**DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current
(continued)**

Series Description (cont'd)

Copies of HP Records Rocky Flats
RF HP 1992
RF H 1990/1993
Editing TNS RF External 1991
ALOO [1979]
Los Alamos Misc.
Los Alamos
Mound
M&H [Mason and Hanger] Fitness
Mound (3 folders) [ca. 1979-1983]
Coding and Editing Sheets (Mound)
Pantex (2 folders)
Pantex Subcontractors
Pantex Death Rates
REEC
Rocky Flats 1/16/1981 Coding Instructions
Rocky Flats Database Coding/Recoding Protocol 1/16/81
Rocky Flats Draft Recoding In[structions]
Rocky Flats
Rocky Flats Coding and Editing
Untitled [documentation for RFEDIT]
Rocky Flats HP 1982
Savannah River [1982]
Wellness
Spanish Surnames
SSN Abstracting
TECO [Text Editor and Corrector Program] Instructions 1977
Zja [ca. 1985]
Tidbits [1983] [Consists of names of workers at Los Alamos during the early days of
the project but who are not included in SNLA_People database]

Data Elements: None

Health Study of Workers Database Documentation, 1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 2 lin. in.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 6, Shelf 3

Medium: Paper

Scanning Suitability: Series contains over-size thermal facsimile paper, handwritten records, and computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series contains documentation for the Health Study of Workers database. It includes coding instructions, programming information, working notes, memoranda, a user manual, dated February 1978, and a copy of data entry instructions for the S2K database for the Health Study of Workers in the Nuclear Industry, also dated 1978.

Data Elements: None

Los Alamos "SSA Return" Database Coding Information, 1981-1982

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 0.05 lin. in.
(1 folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 7, Shelf 3

Medium: Paper

Scanning Suitability: Series contains
handwritten information.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This record series contains two computer-generated reports and several handwritten notes documenting the NOS operating system commands used to create a 9-track tape and electronic files submitted to the Social Security Administration in 1982.

Data Elements: None

Metadata of Data Files Submitted for Inclusion in the Comprehensive Epidemiologic Data Resource (CEDR) Database, 1991-Current

Location: Active: LANL, Technical Area 59, Room 203, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Duplicate copies are in the same room.

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of metadata (i.e., descriptions of computer files) submitted for inclusion in the Comprehensive Epidemiologic Data Resource database. Current as well as superseded metadata submissions are a part of the series.

Data Elements: None

Mound Database Administrative Records, 1980-1984

Location: Active:
Inactive: LANL, Technical Area 59, Room 201, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 1.5 lin. in.
(1 file folder)

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains
oversize computer-generated reports.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists primarily of correspondence concerning the Epidemiology Section's efforts to obtain data concerning the Mound Plant for inclusion in the Mound database. Included are memoranda and other records pertaining to Section meetings. Also in this series is information concerning the Mound database, such as notes pertaining to data entry or modification procedures.

Data Elements: None

Mound Database Documentation, 1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 0.5 cu. ft.
(2 binders)

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 8, Shelf 3

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These records consist of two three-ring binders which contain materials documenting the programming and use of the Mound database. A binder titled *Mound Final Data* includes a definition of, and code instructions for, the database of Mound health physics records. A binder titled *Mound* includes re-editing instructions for the Mound database, coding instructions, and documentation of utility programs used with Mound data files.

For related records, see II. **Mound, Data Records, 1971-1983.**

Data Elements: None

National Plutonium Workers Study Database Coding Instructions, ca. 1982-1991

Location: Active:

Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 10 lin. in.
(3 binders)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Duplicate copies are in the research files in Room 209.

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of a compendium of database documentation which was compiled for a project site review in March 1991. Included are coding instructions, database histories, and descriptions. Most importantly, the series contains descriptions of fields in the Rocky Flats, Rocky Flats Health Physics, Mound, Mound Health Physics, Albuquerque Operations Office, Pantex, Savannah River, and Zia Company databases.

Data Elements: None

ORACLE Database Documentation, 1991-Current

Location: Active: LANL, Technical Area 59, Room 205, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 0.25 cu. ft.

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of documentation for two ORACLE databases used by the Epidemiology Section. The database RFEDIT, which was set up to facilitate editing of dosimetry data from Rocky Flats, is described in a developer's handbook, a users' manual, and a set of editing instructions. The second database, COMPCHEM, is still under development. Documentation for this database includes a memorandum which lists the commands needed for making additions and changes to data content.

Additional documentation about COMPCHEM may be found in **III. Rocky Flats Complex Chemicals Project Database Modification Logs, 1993-Current.**

Data Elements: None

Plutonium Workers Study Database Log, 1990

Location: Active:
Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** 1.5 lin. in.
(1 log)

Accession or Other ID Number: None **Condition:** Good

Container Number: None **Medium:** Paper

Scanning Suitability: Series contains handwritten notes. **Duplication:** Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of one log concerning the file layout and data entry and update activities for the "241 Study," a study of 241 employees at Los Alamos with body burdens estimated to be at least 10 nanocuries in 1974.

Data Elements: None

Plutonium Workers Study S2K Database Information, 1976-1978

Location: Active:

Inactive: LANL, Technical Area 59, Room 210, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 3 lin. in.
(3 notebooks)

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains faded records.

Duplication: Duplicate copies of the user manual are in Room 209.

Arrangement: Alphabetical by subject

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of documentation for the S2K database for the Plutonium Workers Study, also referred to as the Health Study of Workers or HSW Study. Included are a notebook, titled *Data Instructions and Link Narrative File* and dated 1976, and data entry instructions, dated 1978. These documents include field definitions, coding instructions, and file layout information. Also in this series is a user manual from 1978 which includes a history of the database.

Data Elements: None

Rocky Flats Complex Chemicals Project Database Modification Logs, 1993-Current

Location: Active: LANL, Technical Area 59, Room 205, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 3 lin. in.
(2 notebooks)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of two notebooks titled *Rocky Flats Complex Chemicals Project Modification Log*. These logs document updates, additions, and changes to data files pertaining to the Rocky Flats Complex Chemicals Project. The first log contains entries dated June 1993 to May 1994, and the second includes entries from June 1994 to the present.

Data Elements: None

Rocky Flats Database Analytical Files Instructions, 1993

Location: Active: LANL, Technical Area 59, Room 205, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: ca. 1 lin. in.
(1 spiral notebook)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of instructions for creating new analytical files in the Rocky Flats database from updated files of employment termination data and corrected worker exposure data.

Data Elements: None

Rocky Flats Database Documentation, 1981

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: ca. 2 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains faded, handwritten records.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: These records are a subseries of the Rocky Flats Epidemiologic Study records series. They consist of documentation for the Rocky Flats database and include materials such as coding, re-coding, and editing instructions; a draft description for the Rocky Flats database; and a paper on the history of the database.

For related records, see II. Rocky Flats Plant, Epidemiologic Study Records, 1977-1991.

Data Elements: None

Rocky Flats Database Editing Log, undated

Location: Active: LANL, Technical Area 59, Room 201, Los Alamos, NM 87545
Inactive:

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 2 lin. in.
(1 binder)

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains faded documents and handwritten notes.

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of a three-ring binder which contains handwritten notes pertaining to decisions about entering, editing, and modifying data in the Rocky Flats database. Also included are daily logs which document editing problems and questions and the decisions made to resolve them. The binder also contains handwritten notes from meetings concerning the database; computer-generated reports; and photocopies of death certificates, employee record cards, and birth certificates.

Data Elements: None

Savannah River Database Documentation, 1981-1982

Location: Active:

Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified

Volume: 0.3 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: Cabinet 1, shelf 4

Medium: Paper

Scanning Suitability: Suitable

Duplication: Unknown

Arrangement: None

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: These records represent a subseries of the Savannah River Database Record series. This includes documentation for the Savannah River database, including instructions for data entry, modification, and clean-up and coding documentation.

For related records, see II. Savannah River Site, Database Records, 1970-1982.

Data Elements: None

Study Logs, 1980-1985

Location: Active:
Inactive: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Volume: 1.5 cu. ft.

Accession or Other ID Number: None

Condition: Fair

Container Number: None

Medium: Paper

Scanning Suitability: Series contains handwritten entries.

Duplication: Unknown

Arrangement: By subject

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of 27 logs and 4 folders which document the various studies conducted by the Epidemiology Section. It includes general logs, which have entries pertaining to meetings, important conversations, decisions, and receipts of data sets. Other logs consist of entries made by computer programmers which document data creation, modification, and updates.

The following is a list of log titles, dates, and contents:

Plutonium Workers Study: Telephone Log, June 1980-March 1983

This is a log documenting telephone calls pertaining to the study. It indicates times and dates of calls, names of callers and persons called, and subjects discussed.

HSW [Health Study of Workers], January 1981-December 1982

This includes notes of computer programmers regarding the Health Study of Workers [HSW] database. The information pertains to file updates, backups, and other activities. File names and types of data contained in files are also noted. The HSW is not limited to any single cohort; it may include workers from several of the other established cohorts.

Study Logs, 1980-1985 (continued)

Series Description (cont'd)

Plutonium Workers General Log, June 1980-January 1984

Entries in this log document the progress of the Plutonium Workers Study. Notes include information concerning meetings, telephone conversations, and the receipt of data files from various sources.

Plutonium Workers Study: Hanford Log, June 1980

This log contains one entry pertaining to a meeting of the Hanford Health and Mortality Study Advisory Committee.

Health Physics, 1981

This log consists of two entries concerning computer files RFHP81 and PXHP1 for the NOS operating system, both of which pertain to the Rocky Flats and Pantex sites.

LANL Incidence, 1981-1987

The records pertaining to LANL data are comprised of four spiral notebooks and four logs. These include information concerning computer programs; file creation, updates, runs, and modifications; and file names and histories.

LASL [Los Alamos Scientific Laboratory] Malignant Melanoma Case Control Analysis, December 1981

This log consists primarily of statistical tables.

Los Alamos Cancer Incidence, Study Logbook, 1982-1983

This log pertains to data acquired by the Epidemiology Section staff; file histories; and data file creation, updates, and modifications.

Los Alamos Database, 1980

This log documents activities related to the establishment of the Los Alamos Database. It contains memoranda concerning data coding, editing, and modification.

Los Alamos Study Log, 1985

These records consist of a manila folder of documents which pertain to file updates and modifications.

Plutonium Workers Study: Mound Log, 1980-1984

This log includes information on file names, creation, and updates. It also includes correspondence concerning the acquisition of data by Epidemiology Section staff.

Mound Monson Logs, January 1983-May 1984

These records consist of loose papers in a manila folder. They include logsheets documenting file runs, updates, and modifications. Program documentation is also included in this folder.

Study Logs, 1980-1985 (continued)

Series Description (cont'd)

RF [Rocky Flats] Computer Log, November 1981-February 1983

Information in this log concerns file creation, updates, and modifications. The log also contains information about utility programs and data run results.

Rocky Flats Data Base Log, March 1982-September 1984

Entries in this log pertain to additions and modifications to the Rocky Flats database.

Plutonium Workers Study: Rocky Flats Log, June 1980-May 1985

This log contains general documentation for the study, including information on the data acquired by the Epidemiology Section staff. However, it contains little specific information concerning electronic files.

Rocky Flats Analytical Files and Analysis, December 1981-July 1982

This log contains documentation for Rocky Flats analytical files created to conduct mortality rate analyses. Included is information regarding file additions, updates, and modifications. The log also contains some programming information and documentation of file layouts.

Oil Shale Project, January 1981-September 1984

This log contains general information concerning the study but does not include specific information about electronic files.

Brain Cancer Study, February 1983

Included are two spiral notebooks which contain documentation pertaining to a study titled "Case-Control Study of Brain Tumors Among White Males Employed at the Rocky Flats Plant." Included are a memorandum describing the scope of the study and documentation for electronic files created and used in the study.

Rocky Flats Monson Logs, April 1984

These logs include computer-generated listings of modifications made to the Rocky Flats analytical files.

Loss to Follow-Up Analysis (LtF) Using Rocky Flats Data Set, December 1981-September 1982

This log documents efforts to reanalyze work conducted in 1981 pertaining to "differential mortality among an LtF group." Included are statistical tables and documentation for statistical programs.

Rocky Flats Coding, August 1980-June 1981

This is a daily log of activities pertaining to the coding of Rocky Flats data.

Study Logs, 1980-1985 (continued)

Series Description (cont'd)

SR [Savannah River] Coding and Cleanup Log, August-October 1982

This contains computer-generated reports of individuals' names and social security numbers and instructions for entering employee data into the Savannah River database.

Plutonium Workers Study: Savannah River Log, June 1980-November 1984

This is a daily log documenting progress of the study. It provides information concerning meetings and data acquisition.

ZIA-ALOO [Albuquerque Operations Office] Study Log, 1985

This log contains information on file creation, updates, and modifications.

Pantex Analyses Log, August 1982-March 1983

This log includes reports generated from analysis files, sort results, and documentation for file updates and modifications.

Pantex Database Log, January-April 1982

This log documents data sources used by Epidemiology Section staff and variables included in the database.

Pantex Temporary Log, February 1983

This spiral notebook contains information on data files which were edited and modified, data runs, and sorting activities.

Data Elements: None

Zia Database Documentation, ca. 1987-Current

Location: Active: LANL, Technical Area 59, Room 207, Los Alamos, NM 87545
Inactive:

Access Restrictions: Unclassified

Volume: 20 lin. in.
(5 binders)

Accession or Other ID Number: None

Condition: Good

Container Number: None

Medium: Paper

Scanning Suitability: Series contains
handwritten notes.

Duplication: Unknown

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: None

Disposition Authority: Unscheduled

Series Description: This series consists of documentation for the Zia database. It includes database definitions; codes for utility programs; programs for command files; coding documentation; and documentation for data which was modified or added to the files.

Data Elements: None

Zia Database Logs, 1989

Location: Active:
Inactive: LANL, Technical Area 59, Room 209, Los Alamos, NM 87545

Access Restrictions: Unclassified **Volume:** 6 lin. in.
(2 binders)

Accession or Other ID Number: None **Condition:** Good

Container Number: Cabinet 5, Shelf 2. **Medium:** Paper

Scanning Suitability: Series contains handwritten notes. **Duplication:** Unknown

Arrangement: Chronological

Originating Office: LANL, Occupational Medicine Division, Epidemiology

Finding Aids: Shelf list

Disposition Authority: Unscheduled

Series Description: This series consists of documentation for the Zia database which was maintained by a Section programmer. Included are daily logs of data updates, modifications, and sort runs. Documentation for utility programs is also included.

Data Elements: None

Multi-Facility: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names:

1)	HCFA.DAT	3)LA_SSA843
		SSA_APRIL84
2)	JOHNS LUNG	SSA_APRIL87
	RFLA_NEW LUNG	SSA_ZIA87
	RFLA_LUNG	
	LUNG_PEOPLE	4)NDI92
3)	ALOO_SSA	5)PSQ
	LA_SSA842	

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1) DEC 6240 Minicomputer/ASCII file format; 2-5) DEC 6240 Minicomputer/DATATRIEVE database management system

Originating Office: 1) Health Care Financing Administration; 2) LANL, Occupational Medicine Group, Epidemiology; 3) Social Security Administration; 4) National Death Index; 5) LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: 1) This file pertains to Los Alamos National Laboratory's (LANL) 1985 request for the Health Care Financing Administration to search its records for vital status ascertainment purposes. Data in this file relates to Mound, LANL, and Rocky Flats cohorts. 2) This group of files provides supporting data for a lung cancer case control study that an epidemiology staff member conducted as part of dissertation research. The unnamed study was not completed and did not generate any publications. Included in the study were lung cancer cases from the Rocky Flats, Zia Company, and LANL cohorts and control cases selected from these groups. In addition, some job history information and rudimentary smoking data was abstracted for this group of people. The database titled RFLA_NEW_LUNG is the most complete version of the database. 3) This group of files are Social Security Administration submissions covering LANL, Zia Company, Rocky Flats, and Mound Plant. 4) This computer file is a submission to the National Death Index and covers employees from Rocky Flats, Zia Company, LANL, and the Mound Plant. 5) The PSQ database contains information derived from Personnel Security Questionnaires of workers at Rocky Flats, Pantex, Mound, Albuquerque Operations Office, Zia Company, LANL, Sandia, and several smaller facilities. Researchers should note that data concerning the Savannah River Plant does not exist in this database.

Multi-Facility: Raw Data Files (continued)

Related Records:

- II. Study Documentation**
 - Los Alamos National Laboratory**
 - General**
 - Tracing Records, 1986-1987**
 - Health Study of Los Alamos Plutonium Workers**
 - Plutonium Body Burden Records, 1977-1992**
 - Study Records, ca. 1945-1976**

LANL: Analysis Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names: 1) ANALY_HSWOCT93.DAT
UPPU.DAT
2) LAF.LBL
3) LAM.OCT93
4) ZIA_ALLRAD_ANALY.AUG91
5) INC4T8.ALL
6) SMOKVIT.DAT
SMOKVIT.NEW

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: DEC 6240 Minicomputer/ASCII file format

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: 1) This group of files is related to the Health Study of Los Alamos Plutonium Workers. No studies have been published using the file ANALY_HSWOCT93.DAT. The file UPPU.DAT is the most recent analysis file for the Health Study of Los Alamos Plutonium Workers. The analyses using this file were published in *Health Physics* 61 (August 1991): 181-190. This is the the Los Alamos females analysis file that was submitted to the Comprehensive Epidemiologic Data Resource in 1994. 2) This file was used for a Ph.D. thesis by an epidemiology staff member in 1987. 3) This is the analysis file for a study of LANL males which was published in 1994 by *Health Physics*. 4) The results of the Zia Company analysis using this file have not been published. 5) This group of computer files was used for the paper titled "Cancer Incidence and Mortality Among Plutonium and Other Radiation Workers," written by epidemiology staff members in 1982 and 1983. This work was presented at the International Symposium on the Biologic Effects of Low Level Radiation in 1983 and is published on pages 603-606 in the Symposium's *Proceedings*, issued by the International Atomic Energy Agency under publication number IAEA-SM-266/65. 6) These are the analysis files for the epidemiology staff paper, "Smoking Patterns Among Los Alamos National Laboratory Employees," published in June 1987 as LANL laboratory report LA-10650.

LANL: Analysis Files (continued)

Related Records:

- II. Study Documentation
 - Albuquerque Operations Office
 - Coding Sheets, 1979
 - Los Alamos National Laboratory
 - Injury Mortality
 - Study Records, 1985-1986

- III. Electronic Records
 - Documentation
 - Computer Log Reports, 1985-Current
 - Computer Programmer Daily Journals, 1979-Current
 - Computer Programmer Working Files, 1983-Current
 - DATATRIEVE Documentation and Coding Instructions, ca. 1982-
 - Current
 - Los Alamos "SSA Return" Database Coding Information, 1981-1982
 - Study Logs, 1980-1985
 - Zia Database Documentation, ca. 1987-Current
 - Zia Database Logs, 1989

LANL: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names:

1)	ALOOZIA_CERT	2)LA DEATHS.DAT
	HSW243	LAPU_OCT85.DAT
	LACI	MH.FITNESS
	LA_FEMALES	NEWFIT.DAT
	LA_MALES	OWELL1.DAT
	LA_PEOPLE_ORID	OWELL2.DAT
	LA_PLUTO	OWELL3.DAT
	MALES_ETHNIC	OWELL4.DAT
	PLU_PEOPLE	OWELL5.DAT
	TRITIUM	OWELL6.DAT
	ZIA_PEOPLE_ORID	OWELL7.DAT
		PCDD80.DAT
2)	ACT.DAT	PCDD81.DAT
	ALOC.DAT	PCDD82.DAT
	ALPHA.DAT	PCDD83.DAT
	BLOOD.DAT	PCDD84.DAT
	BR.DAT	PCDD85.DAT
	CANCER_NUM	PCDD86.DAT
	CANCER_SNM	PCDD87.DAT
	CARDIO.DAT	PCDD88.DAT
	CHANGES.DAT	PCDD89.DAT
	CHEMISTRY.DAT	PCDD90.DAT
	DTRFILE.OUT	PERS_LANLONE
	EPIDEMIO.D93	PULMONARY.DAT
	EXTERNAL1.DAT	PUSA84.DAT
	EXTERNAL2.DAT	PUSA86.DAT
	EXTERNAL3.DAT	SMOKE.DAT
	EXTERNAL4.DAT	WELL1.DAT
	EXTERNAL5.DAT	
	FIT.DAT	3)SK2FILE.ZIA
	HEMOGRAM.DAT	

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1) DEC 6240 Minicomputer/DATATRIEVE database management system; 2-3) DEC 6240 Minicomputer/ASCII file format

Originating Office: 1-2) LANL, Occupational Medicine Group, Epidemiology; 3) Zia Company

LANL: Raw Data Files (continued)

Disposition Authority: Unscheduled

File Description: These raw data files pertain to Los Alamos National Laboratory and Zia Company workers and are composed of health physics, work history, vital status, demographic, smoking, and medical data. Several types of personal identifiers may be found within these files, including employee names, social security numbers, job titles, badge numbers, and dates of birth and death.

Related Records:

- II. Study Documentation
 - Albuquerque Operations Office
 - Coding Sheets, 1979
 - Social Security Administration (SSA) Submissions and Returns, 1980
 - Los Alamos National Laboratory
 - Injury Mortality
 - Study Records, 1985-1986
 - Smoking Study
 - Study Records, 1984-1985
 - Zia Company
 - Fortran Coding Forms, 1980
- III. Electronic Records
 - Documentation
 - Computer Log Reports, 1985-Current
 - Computer Programmer Daily Journals, 1979-Current
 - Computer Programmer Working Files, 1983-Current
 - Computer Tapes Index, 1977-1979
 - DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current
 - Study Logs, 1980-1985
 - Zia Database Documentation, ca. 1987-Current
 - Zia Database Logs, 1989

LANL: Supporting Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names: LASMOKING.DAT
SMOKEFIL.DAT

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: DEC 6240 Minicomputer/ASCII file format

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: These are the supporting files relating to a smoking study which was published as Los Alamos National Laboratory report LA-10650 (June 1987).

Related Records:

- II. Study Documentation
 - Albuquerque Operations Office
 - Coding Sheets, 1979
 - Social Security Administration (SSA) Submissions and Returns, 1980
 - Los Alamos National Laboratory
 - Injury Mortality
 - Study Records, 1985-1986
 - Smoking Study
 - Study Records, 1984-1985
 - Zia Company
 - Fortran Coding Forms, 1980
- III. Electronic Records
 - Documentation
 - Computer Log Records, 1985-Current
 - Computer Programmer Daily Journals, 1979-Current
 - Computer Programmer Working Files, 1983-Current
 - Computer Tapes Index, 1977-1979
 - DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current
 - Study Logs, 1980-1985
 - Zia Database Documentation, ca. 1987-Current
 - Zia Database Logs, 1989

Mound: Analysis Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names: 1) MND.OCT88
2) MOUND.APRIL 87
3) MOUND.OUT
MOUND_OCT91.LBL

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: DEC 6240 Minicomputer/ASCII file format

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: 1) The file MND.OCT88 is the analysis file for the paper titled, "Mortality Among a Cohort of Workers Monitored for Exposure to the Radionuclide ^{210}Po ," published in *Health Physics* 61 (July 1991): 71-76. 2) This is a computer file containing external ionizing radiation data. The results of this analysis were published in the *Journal of Occupational Medicine* 33(5) (May 1991), "Mortality Among Workers Exposed to External Ionizing Radiation at a Nuclear Facility in Ohio," 632-637. A file named MEXTEXP.DAT is a subset of the analysis file MOUND.APRIL87 containing those workers exposed to more than one rem of external ionizing radiation. 3) This group of files represent the original standard mortality ratio (SMR) file (MOUND.OUT) and the SMR analysis file (MOUND_OCT91.LBL) sent to the Comprehensive Epidemiologic Data Resource Center at Lawrence Berkeley Laboratory in California. The result of this study appears in Los Alamos National Laboratory report LA-11997-MS (April 1991), "Mortality Among Workers at the Mound Facility: A Preliminary Report."

Related Records:

II. Study Documentation

Mound Plant

Coding Cleanup Files, 1980-1982

Coding Instructions and Review Records, 1980-1983

Coding Sheets, 1980

Occupational Coding Files, 1981-1982

Mound: Analysis Files (continued)

Related Records (cont'd)

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Mound Database Administrative Records, 1980-1984

Mound Database Documentation, 1982

Study Logs, 1980-1985

MOUND: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names:

1)	MND DEATH MNDHP2 ORID MND PEOPLE ORID MND_PO ORID MND_PO1 ORID MND_PO2 ORID	3)PBI CROSS MND.DAT CROSS_PBI_LACEDR.DAT CROSS_PBI_RF.DAT MOUND.FDF
2)	MOUND.FDF MOUNDPBL.DAT	4)OHIO_DMV.DAT 5)TRAX_92

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1) DEC 6240 Minicomputer/DATATRIEVE database management system; 2-4) DEC 6240 Minicomputer/ASCII file format; 5) DEC 6240 Minicomputer/DATATRIEVE database management system

Originating Office: 1) LANL, Occupational Medicine Group, Epidemiology; 2) Pensions and Benefits Incorporated; 3) LANL, Occupational Medicine Group, Epidemiology; 4) Ohio motor vehicle department; 5) TRAX

Disposition Authority: Unscheduled

File Description: These raw data files pertaining to epidemiologic studies at the Mound Plant contain the following personal identifiers: employee social security numbers, complete names, dates of birth and death, polonium exposure data numbers, and hire and termination dates. LANL obtained the data using personal, work history, vital status, and exposure records. Databases that may exist named MOUND_OCCHIST, XOCCHISTS_ORID, and MOUND_PU_ORID are not correct and were not used by LANL's epidemiology staff. The files MND_PEOPLE_88 and NEW_MND_PEOPLE are older versions of MND_PEOPLE_ORID.

Several of the computer files pertaining to Mound involve the ascertainment of the current vital status of former plant employees. Files whose names have the extension .FDF generally contain vital status information provided by Pensions and Benefits Incorporated.

MOUND: Raw Data Files (continued)

Related Records:

II. Study Documentation

Mound Plant

Coding Cleanup Files, 1980-1982

Coding Instructions and Review Records, 1980-1983

Coding Sheets, 1980

Occupational Coding Files, 1981-1982

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Mound Database Administrative Records, 1980-1984

Mound Database Documentation, 1982

Study Logs, 1980-1985

Oak Ridge: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names: DC.DATA
DEMO.DATA
DEPARTMENT.DATA
EMPLOYMENT.DATA
JOB.DATA
NAME.DATA
PAYCODE.DATA
FECAL_DEATH.DAT
FECAL_DEPARTMENT.DAT
FECAL_BIOASSAY.DAT
FECAL_BIOASSAY_UPDATE.DAT
PU_BIOASSAY.DAT
PU_BIOASSAY_UPDATE.DAT
PU_DEATH.DAT
PU_DEPARTMENT.DAT
PU_EMPLOYMENT.DAT
PU_FBADGE_UPDATE.DAT

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: DEC 6240 Minicomputer/ASCII file format

Originating Office: Oak Ridge, Center for Epidemiologic Research (CER)

Disposition Authority: Unscheduled

Files Description: Files DC.DATA through PAYCODE.DATA contain raw dosimetry data compiled in 1978. Also included in the files are work history, personnel, and demographic information concerning plutonium workers at the Oak Ridge facilities. Variables include workers' names and social security numbers. Files FECAL_DEATH.DAT through PU_FBADGE_UPDATE.DAT contain plutonium dosimetry data submitted to LANL from the Center for Epidemiologic Research in 1987.

Files with the prefix FECAL pertain to fecal analysis data for 481 workers at the Oak Ridge facilities. Files with the prefix PU pertain to urinalysis data.

Pantex: Analysis Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names: 1) NEWPTX8.HED
NEWPTX8.DAT
2) NEWPTX_ORID.DAT

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: DEC 6240 Minicomputer/ASCII file format

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: NEWPTX8.HED is an analysis file used in a study which was published in 1985 in *Health Physics* 48, titled "Mortality Among Workers at the Pantex Weapons Facility," 735-746. This file is located in the Epidemiology Section's ANALYTIC directory. NEWPTX8.DAT is a version of NEWPTX8.HED which is located in the PANTEX directory. NEWPTX_ORID.DAT is a file for the Pantex Study submitted to the Comprehensive Epidemiologic Data Resource database. In this file, the study numbers from the original file were substituted with identification number provided by the Center for Epidemiologic Research at the Oak Ridge Institute for Science and Education.

Related Records:

II. Study Documentation

Pantex Plant

Epidemiologic Study Records, ca. 1950-1990

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Study Logs, 1980-1985

Pantex: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

- File Names:**
- 1) PXHPX.ALL
PXHP1.ALP
PXHP2.ALP
 - 2) PANTEX.FDF
PANTX.FDF
 - 3) PAN PEOPLE_ORID
PX_EXP

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1-2) DEC 6240 Minicomputer/ASCII file format; 3) DEC 6240 Minicomputer/DATATRIEVE

Originating Office: 1) Pantex Plant; 2) Pensions and Benefits Incorporated; 3) LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: PAN PEOPLE_ORID is the name of the key database containing personnel data for Pantex workers. Files in group one consist of original dosimetry data submitted to Los Alamos National Laboratory from the Pantex site. The second group of files PANTEX.FDF and PANTX.FDF consist of 1990 submissions from Pensions and Benefits Incorporated. PX_EXP is a DATATRIEVE database containing dates of exposure to one rem of external ionizing radiation. The data in this file was hand-calculated from data found on microfilmed Pantex records also in the custody of the Epidemiology section. The files were created to update vital status information for Pantex workers. This information, however, was never added to the main database, PAN PEOPLE_ORID.

Related Records:

II. Study Documentation

Pantex Plant

Epidemiologic Study Records, ca. 1950-1990

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Study Logs, 1980-1985

Rocky Flats: Analysis Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names: NEURF.DAT
NEW_TERM_RFANALYT.NIOSH
PUFILE.DAT
RF.MARCH88
TAPE2.SRT
ALLRF86.DAT
COHORT.TEN
EXP.DAT
RF.5413
RF_ANAL91.FIN
RF_ANALYTIC
RFEXEX2.DAT

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: DEC 6240/ASCII file format

Originating Office: LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: The analysis files prepared by LANL for the epidemiologic study of workers at Rocky Flats include information compiled from personnel, vital status, work history, industrial hygiene, exposure, and other records containing personal information about the workers. Personal identifiers in the files include employee birth dates and social security numbers.

The file RF.MARCH88 served as an analysis file for a study on workers involved in the 1965 fire at Rocky Flats. A draft of the study was completed in conjunction with the Rocky Flats site but was never published.

The file NEW_TERM_RFANALYT.NIOSH is an analysis file containing data through 1989. This file was submitted to the Comprehensive Epidemiologic Data Resource.

The files NEURF.DAT, TAPE2.SRT, and PUFILE.DAT were used in the writing of an article in the *Journal of Occupational Medicine* 26 (1984): 721-724. The file RFEXEX2.DAT supported preliminary work pertaining to the article. The file NEURF.DAT was created to apply a 10-year lag (i.e., 10 years were added to termination and exposure dates from the dates listed in the Rocky Flats Demographic File). The file NEURF.DAT includes only those white males who worked more than 2 years and met the lag restrictions. It consists of 3,571 records with 18 variables which include level of exposure, hire and termination dates, and

Rocky Flats: Analysis Files (continued)

File Description (cont'd)

personal information such as birth and death dates, education, and vital status. PUFIL.DAT consists of 7,100 records with 13 variables. It includes internal and external exposure data for white males, cause of death, vital status, and personal information including birth and death dates, and hire and termination dates.

The files ALLRF86.DAT, RF.5413, RF.ANALYTIC and COHORT.TEN supported work which resulted in an article in the *American Journal of Epidemiology* 125 (February 1987): 231-250.

RFEXEX2.DAT was created in 1983 and contains the entire Rocky Flats cohort. The file consists of 9,536 records with 18 variables, including personal information and exposure data.

RF_ANAL91.FIN contains internal dosimetry data for Rocky Flats workers.

Related Records:

II. Study Documentation

Rocky Flats Plants

General

Coding Sheets, 1979-1981

Epidemiological Study Records, 1977-1991

Exposure Coding Records, 1991-1992

Brain Cancer Study

Study Records, 1958 [1980]-1983

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Rocky Flats Database Documentation, 1981

Rocky Flats Database Editing Log, undated

Study Logs, 1980-1985

Rocky Flats: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names:

1)	AGENT DICTIONARY PERSON_EXP	3)RF OCCHIST.DAT FILE1_ORID.DAT FILE2_ORID.DAT FILE3_ORID.DAT FILE4_ORID.DAT FILE5_ORID.DAT FILE6_ORID.DAT RF1988.DAT RF_CVS_LST.1292
2)	ACCUMULATE EXPOSURES PEOPLE DET_SAMP GEN_SAMP PERSONNEL SAMPLE_RESULTS	4)RF EXPOSURES_ORID RF PEOPLE_ORID EID_CVS NEW_RF_DEAD

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1-2) DEC 6240 Minicomputer/ORACLE database management system; 3) DEC 6240 Minicomputer/ASCII file format; 4) DEC 6240 Minicomputer/DATATRIEVE database management system

Originating Office: 1) Rocky Flats Plant; 2-4) LANL, Occupational Medicine Group, Epidemiology

Disposition Authority: Unscheduled

File Description: These raw data files were prepared by Epidemiology staff in support of epidemiologic studies at Rocky Flats. They contain information derived from health physics, personnel, vital status, industrial hygiene, work history, demographic, air sampling, and motor vehicle records. Variables in the files include employee social security number, date of birth, exposure data from film badges and thermoluminescent dosimeters, employee names, hire and termination dates, and International Classification of Diseases code numbers.

The files PERSON_EXP and AGENT DICTIONARY were prepared in support of the Complex Chemicals Study conducted for Rocky Flats. The file ACCUMULATE is an ORACLE database of lifetime accumulated external ionizing radiation dose received prior to employment at Rocky Flats. The ORACLE database EXPOSURES contains correct exposure data and should not be confused with the DATATRIEVE database RF_EXPOSURES_ORID, which contains incorrect information.

Rocky Flats: Raw Data Files (continued)

Related Records:

II. Study Documentation

Rocky Flats Plant

General

Coding Sheets, 1979-1981

Epidemiological Study Records, 1977-1991

Exposure Coding Records, 1991-1992

Brain Cancer Study

Study Records, 1958, [1980]-1983

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Rocky Flats Database Documentation, 1981

Rocky Flats Database Editing Log, undated

Study Logs, 1980-1985

Files

Rocky Flats: Supporting Files

Rocky Flats: Supporting Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

File Names:

- 1) RF_TRACE
- 2) RF_VIT_STAT.Orig
RF_HT_MAY92.DAT
[RF_RF_SEP90]MATCHES.DAT
HIRE_TERM_91_ORID.DAT
HIRE_TERM_THRU_91.DAT
OCCHIS_RF.SRT
- 3) RFLATS1.FDF
RFLATS2.FDF
- 4) RF_NDI
- 5) SSA_APRIL87
RF_SSA843

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1) DEC 6240 Minicomputer/DATATRIEVE database management system; 2-3) DEC 6240 Minicomputer/ASCII file format; 4-5) DEC 6240 Minicomputer/DATATRIEVE database management system

Originating Office: 1-2) LANL, Occupational Medicine Group, Epidemiology; 3) Pensions and Benefits Incorporated; 4) National Death Index; 5) Social Security Administration

Disposition Authority: Unscheduled

File Description: These supporting files originate from a variety of different organizations and agencies. LANL Epidemiology staff and the submitting entities compiled the files from vital status, personnel, and work history records, and from other documents containing personal information. Personal identifiers in the files include employee names, social security numbers, birth and death dates, and hire and termination dates.

CHECK.LST is a subfile of the incorrect DATATRIEVE database RF_EXPOSURES_ORID described under section III. **Rocky Flats: Raw Data Files.** It was created to verify whether the 1951 exposure data was valid.

Rocky Flats: Supporting Files (continued)

File Description (cont'd)

The file RF_VIT_STAT.ORIG was created in 1993 from RF CVS LIST.1292, described under section III. Rocky Flats: Raw Data Files. It includes only social security number and vital status information from the original file.

The files HIRE_TERM_91_ORID_DATA, HIRE_TERM_THRU_91.DAT, and OCCHIS_RF.SRT were files created from RF_OCCHIST.DAT, described under the section III. Rocky Flats: Raw Data Files.

RF_HT_MAY92.DAT is a partial listing of the source file RF_OCCHIST.DAT, which is also listed under III. Rocky Flats: Raw Data Files.

[RF_RF_SEP90]MATCHES.DAT is a file of all Rocky Flats employees exposed to two nCi [nanocuries] PU²³⁹ [according to dosimetry data received from Rocky Flats in September 1990] which was merged with a Rocky Flats cohort with sex and race abstracted.

Related Records:

II. Study Documentation

Rocky Flats Plant

General

Coding Sheets, 1979-1981

Epidemiological Study Records, 1977-1991

Exposure Coding Records, 1991-1992

Brain Cancer Study

Study Records, 1958 [1980]-1983

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current

Computer Programmer Daily Journals, 1979-Current

Computer Programmer Working Files, 1983-Current

DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current

Rocky Flats Database Documentation, 1981

Rocky Flats Database Editing Log, undated

Study Logs, 1980-1985

Files

Rocky Flats: Raw Data Files

Savannah River: Raw Data Files

Location: LANL, Technical Area 59, Los Alamos NM 87545

- File Names:**
- 1) CODED_SR_PEOPLE
SRROLL
SR_MERGE
SR_BIOMS
SR_EXPOSURES
SR_PEOPLE
 - 2) [SAVANNAH]HPAREH88
[SAVANNAH.HPAREH88]HPAREH*.DAT

Access Restrictions: Records are unclassified and may be a Privacy Act System of Records.

Hardware/Software: 1) DEC 6240 Minicomputer/DATATRIEVE database management system; 2) DEC 6240 Minicomputer/ASCII file format

Originating Office: 1) LANL, Occupational Medicine Group, Epidemiology; 2) Savannah River Plant

Disposition Authority: Unscheduled

File Description: Files in group 1) consist of DATATRIEVE databases containing raw data pertaining to employees at the Savannah River plant. The files fall into four categories: employee health physics, personnel, demographic, and composites of data entered by "H14 codes."

Files in group 2) are data directories. The directory [SAVANNAH]HPAREH88 contains the health protection annual radiation exposure history file which was received by LANL from the Savannah River Plant in November 1987. Files in the directory are named HPAREHA.DAT through HPAREHS.DAT and represent a single dataset. The "file definition" [SAVANNAH.HPAREH88]HPAREH*.DAT encompasses all files in the [SAVANNAH.HPAREH88] directory, which are named HPAREHA.DAT through HPAREHS.DAT. These files are all linked by the employees' social security numbers.

Savannah River: Raw Data Files (continued)

Related Records:

II. Study Documentation

Savannah River Site
Database Records, 1970-1982

III. Electronic Records

Documentation

Computer Log Reports, 1985-Current
Computer Programmer Daily Journals, 1979-Current
Computer Programmer Working Files, 1983-Current
DATATRIEVE Documentation and Coding Instructions, ca. 1982-Current
Savannah River Database Documentation, 1981-1982
Study Logs, 1980-1985

APPENDICES

- APPENDIX A PUBLICATIONS OF THE LOS ALAMOS EPIDEMIOLOGY
STAFF
- APPENDIX B INFORMATION REQUIRED BY THE DEPARTMENT OF
ENERGY FOR EPIDEMIOLOGIC AND HEALTH STUDIES
(REVISED)
- APPENDIX C DIRECTORY LISTING
- APPENDIX D DETERMINING SUITABILITY FOR SCANNING

APPENDIX A
PUBLICATIONS OF THE LOS ALAMOS EPIDEMIOLOGY STAFF

LOS ALAMOS NATIONAL LABORATORY
LOS ALAMOS, NEW MEXICO

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14. J. F. Acquavella, L. Anaya, and G. S. Wilkinson, "Telephone Interviewer Instructions: Follow-up of Some Southwestern Populations," *Journal of Occupational Medicine* 24:198-202 (1982).
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APPENDIX B INFORMATION REQUIRED BY THE DEPARTMENT OF ENERGY FOR EPIDEMIOLOGIC AND HEALTH STUDIES (REVISED)

DATA PERTAINING TO CONTRACTOR ORGANIZATIONS

Any type of materials that will help understand the functional organization of the contractor, or to identify individuals who may have had responsibility for operations within a facility. These types of materials are useful when studying a facility because they enable the researcher to identify key personnel who were involved with certain projects and to contact these persons, when necessary, to help understand the nature of the plant operations and potential exposures that occurred in specific areas of the plant. Examples of records that may meet these needs are:

1. DOE/Contractor Organizational Charts
2. Contractor Organizational Histories/Plant Information Packets
3. Mission Statements of the Site and Individual Functional Units
4. Contractor Personnel Directories/Telephone Directories
5. Position Descriptions and Associated Dates
6. Correspondence Files of Directors and Managers

DATA PERTAINING TO INDIVIDUALS

Identification of Individual

Epidemiologic studies of workers require the creation of lists of individuals at each facility who will be included in the study. Therefore, all records containing identifying information for employees at a specific facility are of great value. These records will typically be from personnel or payroll departments and may include the following data:

7. Social Security Number
8. Name
9. Maiden Name
10. Other Names
11. Address/Phone Number
12. Spouse Name
13. Spouse Address
16. Employer Identification Numbers (payroll, annuity, badge, etc.)

Demographic Information

In order to compare the characteristics of the worker population with other groups, it is desirable to know the following information:

17. Birth Date
18. Place of Birth
20. Sex
21. Race

22. Education (highest degree)
23. Marital Status

Work History

Work records indicating the type of jobs performed over specific periods of time are extremely useful. Specific data items are as follows:

24. Hire Date at Facility
25. Termination Date at Facility
26. Reason for Termination
27. Type of Employee (hourly, salaried, etc.)
28. Occupation or Job Title (all job titles held and associated dates)
30. Previous Work History
31. Work Location (building, area)
33. Reassignments and Work Restrictions
34. Job or Task Descriptions and Performance Appraisals

Medical Data

Medical records, records of treatment, incident or accident report, and company health insurance records may be useful for epidemiologic studies. Examples of the information that may be used from these records include:

35. Employee Physical Examinations
36. Smoking History
37. Alcohol/Beverage History
44. Drug/Medication Use History
38. Record of Injuries or Accidents Before or During Employment
39. Record of Exposure to Toxic or Carcinogenic Substances
40. Record of Sick and other Health-Related Leaves
41. Return to Work Clearances
42. Pathological Reports and Lab Results
45. Diagnostic X-Rays (dental, chest, other)
43. Family Disease and Mortality History
47. Employee Disease History, Including Predisposing Conditions
48. Record of use of Chelation Agents, including DTPA
51. Workers' Compensation Claims

Mortality Data (any type of information concerning death)

Many studies compare death rates in worker populations with rates in other populations. The following data items are useful:

53. Death Certificate
54. Date of Death
55. Cause of Death
56. Place of Death
57. Payment of a Death Benefit and Date
58. Vital Status at Last Known Date

DATA PERTAINING TO INDIVIDUAL EXPOSURE ASSESSMENT

External Radiation

External radiation exposure records that pertain to individual workers or to individual areas in a plant must be retained. Types of data items contained on these records are:

59. Estimated Whole Body Dose Due to X-Rays & Gamma Rays and Associated Dates
60. Estimated Whole Body Dose Due to Neutrons and Associated Dates
61. Estimated Whole Body Dose Due to Tritium and Associated Dates
62. Estimated Total Whole Body Dose and Associated Dates
63. Individual Dosimeter Types
65. Partial Body or Skin Doses and Associated Dates

Internal Radiation

Internal radiation exposure records for workers must be retained. Types of data items contained on these records are:

68. Bioassay Testing (including fecal and urine analysis) for nuclides
69. Estimated internal doses, including nuclides, organ of deposition
71. Whole Body Counts, including nuclides, type of instrument, results, units, and associated dates

INDUSTRIAL HYGIENE

Chemical Exposures

Data generated to evaluate occupational exposure levels and to demonstrate compliance with exposure limits should be systematically retained. The types of records of data that should be retained may include:

75. Results of Bioassays (including blood and urine analysis) such as exposure to chemicals, chemical names, results units, and associated dates
77. Monitoring Data Relating to Specific Work Locations or Assignments, including monitoring instruments, control data, results, units, and associated dates

Physical Agents

Data generated to evaluate occupational exposure levels and to demonstrate compliance with exposure limits should be systematically retained. Such data should include:

83. Inventories of Potentially Health Hazardous Physical Agents (noise, laser beam, electromagnetic fields, etc.), including associated dates, building, and locations
85. Survey of Work Areas, including associated dates, kind of monitoring equipment, results, and units

DATA PERTAINING TO FACILITIES

Area/Site Monitoring Information (by job category, year, building, etc.)

Other records that relate to the calibration, sensitivity, type, location of the equipment used for personnel monitoring, surveying, air sampling, etc., are quite useful, especially if they can be linked to specific processes, areas, buildings, and personnel. Information describing the general requirements followed by the facility for the provision of various personnel monitoring equipment, examinations, or testing is also desirable. Examples of these types of records include the following:

Physical Plant and Operations Records

- 88. Chemical or Other Processes, including building locations and associated dates
- 89. Hiring, Materials Handling & Other Practices
- 90. Requirements for Employment in Specific Jobs
- 114. Calibration Requirements
- 115. Chemical Inventories
- 117. Blueprints, Floor Plans, and Engineering Drawings of Building
- 120. Inventory Records of Incoming and Outgoing Material
- 123. Maintenance Records of Pollution Control Devices such as Dust Collectors, Scrubbers, or Filters

Worker Radiation Monitoring/Protection Programs

- 81. Monitoring Program Characteristics
- 91. Requirements for Wearing Dosimeters
- 93. Dosimeters Type
- 94. Dosimeter Manufacture
- 96. Dosimeter Processing Procedures
- 97. Dosimeter Reading Procedures
- 98. Frequency of Reading Dosimeters
- 102. Requirements for Use of Protection Equipment
- 107. Requirements for Wearing Protection Equipment

Environmental Monitoring

- 103. Results of Environmental Monitoring, including radionuclide or chemical information, units, and location
- 116. Information on Product Particle Size and Chemical Form at Potential Release Points
- 124. Onsite Monitoring or Sampling Locations and Results
- 118. Offsite Monitoring or Sampling Locations and Results
- 119. Any Measurements of Effluents from Facility Relief Point, including stack sampler results, water losses, and sump measurements
- 121. Reports of Losses of Material from stack or filters
- 122. Reports of Unplanned Releases, Incidents, Spills

APPENDIX C DIRECTORY LISTINGS

MAGNETIC TAPES STORED IN ROOM 209

These electronic files, which are stored on magnetic tapes, are listed by location and broken down by utility, whether backup, blocked, or unknown.

Location	Utility	Tape Title	Date
Top Row East	Backup	SPSS release v.9.1	
	Backup	Vax DTR v.3.2	
	Backup	Vax DTR v.3.3	
	Backup	Vax DTR v.3.4	
	Backup	Vax DTR v.4.0	
	Backup	Vax DTR v.4.1	
	Backup	Vax DTR v.4.3	
	Backup	Vax DTR v.4.5	
	Backup	Micro VMS 4.4.4/4.5, v.4.0	
	Backup	VMS v.4.6	
	Backup	VMS v.4.7	
	Backup	VMS v.5.4 (3 volume set) and Mand. update	
	Backup	VMS v.5.4-1	
	Backup	VMS v.5.4-2, v.5.4-3	
	Backup	VAX CDD v.3.2	
	Backup	VAX CDD v.3.3	
	Backup	VAX CDD v.3.4	
	Backup	VAX FMS v.2.2 (tape bad)	
	Backup	VAX FMS v.2.3	
	Backup	ORACLE 6	August 1990
	Unknown	MOX	August 1988
	Backup	Security tool kit v.3.0	

Location	Utility	Tape Title	Date
	Backup	Fortran v.4.7	
	Backup	Fortran v.4.8	
	Backup	Fortran v.5.7	
	Backup	Diskkeeper Plus v.4.0	
	Files-11	[Ramsey.Monson.old] original Monson file	
	Backup	CT*OS/Spell v.3.7, v.6.1	
	Backup	IT*OS v.5.1, v.6.0	
	Backup	[SPSS...]*.*;*	October 1984
	Backup	SPSS/Dtr interface v.9.1	
	Backup	SPSS v.9.1 class exercise	
	Backup	SPSS-X v.1.1	
	Backup	SPSS-X Univ of Alberta	August 1986
	Backup	SPSS-X v.2.1	
	Backup	SPSS-X v.2.0	
	Backup	SPSS Additions (Coxmodel etc)	
	Backup	SPSS.SAV [white...]*.*;	April 1983
	Backup? (sic)	[MOX...]*.* Mox version 2 from Battelle	
	Backup	[CODEBOOK] Disspla & Mapper	August 1990
	Backup	MOX v.3.0	
	Backup	BMDP v 1987	
	Backup	RTAPE/WTAPE	February 1984
	Blocked	Monson USDR88	April 1990
Second Row East	Unknown	Census 12/18/80 (2 volumes)	
	Blocked	NDI (National Death Index)	June 1985

Location	Utility	Tape Title	Date
	Blocked	NMTR (New Mexico Tumor Registry), HCFA over 65 (Health Care Finance Agency)	September 1985
	Blocked	USDR Rates update	
	Unknown	USDR program read onto [Monson.JAN87]	November 1987
	Unknown	NMTR vol ser RM201, RM200	
	Unknown	ICDA 8 DX & PROC (KRONOS)	August 1976
	Unknown	901156	
	Unknown	Cancer Mortality Rates Trends 1950/79	
	Unknown	BMDP 1988	
	Unknown	SCAN.FOR run against incidence.dat	December 1982
	Backup	[LANL.HP]external*.dat	January 1989
	Unknown	Woods, E H-14 mix-24 900059	February 1982
	Backup	T020HSEA.DAT;3 APP Roster	1988
	Backup	T020HSEA.DAT;1 APP Roster	1988
	Backup	BMDP	1988
	Blocked	OHIO DMV	May 1988
	Unknown	ALSSA.FIN,MDSSA.FIN,RFS SA.FIN,ZASSA.FIN	
	Files-11	USRS LACI & Retired	February 1984
	Unknown	SSA 87.2 results	
	Blocked	ORAU SSN.OUT	April 1984
	Unknown	RFSSA.SAV	June 1983
	Unknown	LA, ALOO SSA (MACHINE N)	

Location	Utility	Tape Title	Date
	Unknown	ALOO, ZIA, LA SSA	August 1980
	Unknown	VSN = SSA01	
	Blocked? (sic)	RFLAMD.SSN	
	Unknown	NOV 1979 SSA Results	
Third Row East	Backup	NIOSHLA_JAN86.BKP [2 files]	January 1986
	Backup	LAfemales.dat	December 1985
	Backup	LAfemales.dat	February 1986
	Backup	[Wiggs.fem.dis.Jan87]*.*;* 2 volumes	
	Unknown	LAF.Laurie Ascii Files	July 1987
	Backup	[NDI...]*.*;*	March 1985
	Unknown	LASSA.FIN SSA Submission	
	Backup	[SSA...]*.*;*	July 1983
	Unknown	VSN-SSA02 Eva Woods Shelf 59 Machine 24	
	Blocked	SSA Return VSN=99999	April 1983
	Unknown	LSSA 900059 Machine N	
	Backup	[SSA received]*.*;* [3 files]	
	Unknown	abstract output Motor Vehicles	
	Blocked	LASSA	
	Backup	SSA April86.SUB	
	Blocked	SSA82	April 1984
	Unknown	SSA843	June 1985
	Backup	SSA86 return	April 1987
	Backup	LAF.BKP LaFemales.Dat [HSE14]*.*;* 2 volume set	November 1986
	Unknown	BRASS Machine N	

Location	Utility	Tape Title	Date
	Backup	[LANL.HP]*.*;* [4 files]	August 1986
	Backup	[LANL.HP]*.*;*	
	Backup	[LANL.HP]*.*;*	
	Backup	LANL White Males > 6 mos	February 1985
	Backup	[LA] LAWMNOSSN.DAT	
	Unknown	Univ Denver LAID.DAT, etc	June 1983
	Backup	LAANAL.SAV	November 1983
	Backup	[ACQAVELL.MONSON]*.*;*	January 1983
	Backup	LA.SAV	October 1983
	Backup	LA.SAV; LA.DAT; LA.DEF; NAADP.DAT; AADPNEW.DEF	November 1983
	Backup	SNLA.ORG; SNLA.DAT	September 1983
	Backup	TIDBITS.DEF; TIDBITS.DAT	November 1983
	Backup	LAROST.CMP	October 1983
	Blocked	Melanoma data sent to NMTR for linking	October 1982
	Files-11	SCNLST-FORTRAN output file SCAN.FOR	December 1982
	Backup	[ACQUAVELL.MONSON]*.* ;*	January 1983
	Backup	[ANALYTIC] *.*;* [8 files]	March 1983
	Blocked	Incidence.dat Part 2	
	Backup	[ACQUAVELL.MONSON]	January 1983
	Files-11	AADP.DAT	May 1983
	Backup	[LA.HP]LASL.EXP	February 1985
	Backup	[LANL.EXP]*.*;*	June 1985

Location	Utility	Tape Title	Date
	Backup	4 LANL save sets	October - November 1983
	Backup	[LA]SNLAP.DAT	June 1983
	Backup	SNLAP.Dat 2 volumes	August 1983
	Backup	New/old LAP.DAT	August 1983
	Backup	SNLAP.DAT 2 volumes	June 1983
	Backup	LAMISC.SAV	March 1983
	Backup	NEWLA.BKP; LAWM NOSSN	November 1985
	Backup	LA.SAV 3 volumes	March 1983
	Backup	NEW_LA.SAV	December 1983
	Backup	NEW_LA.SAV	October 1985- January 1986
	Backup	NEW LA PEOPLE	January 1985
Fourth Row East	Backup	Melanoma Files	December 1983
	Unknown	John A. Files	December 1983
	Backup	Melanoma Files	December 1983
	Backup	John A. Files	September 1983
	Backup	LAERRS.SAV	September 1983
	Backup	LANLPU.DAT	October 1987
	Unknown	(NOS TAPE?)	
	Backup	2 Save sets [2 files; 7 files]	November 1985
	Backup	[LA...] 2 volumes	January 1984
	Unknown	LAPU_OCT85.DAT (LANL Unrinalysis data)	

Location	Utility	Tape Title	Date
	Blocked	FF1.DAT (RF urinalysis data)	
	Unknown	"RFP Epidemiology data"	January 1990
	Backup	[ACQUAVELL.MONSON] [5 files]	January 1983
	Backup	[ANALYTIC] [15 files]	
	Backup	RF RF2.BKP	June 1986
	Unknown	CCF tape 11	
	Unknown	CCF tape 10	
	Unknown	HPPU.DAT	
	Unknown	HPPU.DAT	November 1978
	PDP/11/34 tape	SACNET.DAT RF data	
	Backup	NEWRF.DAT;1, NEWRF.DAT;2	January 1986
	Backup	RF lost to follow up study	March 1984
	Backup	"ALL RFLA files"	January 1984
	Backup	RF 25% data	September 1983
	Backup	[RF...]*.*;* 2 volumes	October 1985
	RMS backup	Mound.People.Occhists	February 1981
	RMS backup	Rf data	November 1982
	RMS backup	"RF database before editing"	July 1982
	Backup	RF "save" tape	
	Backup	[HSE14]*.*;* 2 volumes	October 1987
	Backup	RFLALUNG.DAT	April 1983
	Tcopy (NOS)	Lung cancer cases	
	Blocked	RFHP Data	December 1988

Location	Utility	Tape Title	Date
	Unknown	RFHPS2.DAT	January 1982
	Backup	RF.ARC	October 1983
	Backup	[Weber.RFEXP]*.*;*	July 1985
	Backup	HPAREHL(A-Q)DAT (2 volumes)	January 1988
	Blocked	External data 1980 PA and 1981PA	
	Backup	[Brain...]*.*;*	October 1983, November 1983, May 1983, July 1983
Fifth Row East	Backup	H2MED (set of 9 tapes)	August 1983
	Backup	H2MED after "mumps data conversion" 5 volume set	
	Unknown	"HSE-2 update" 800 BPI cannot read	September 1985
	Backup	[WEBER.RFEXP] *.*;* [2 files]	June 1985
	MUMPS	H2 Data 2 volumes	March 1983
	Unknown	BRASS 7 volume set	
	Unknown	"ADP Extract"	1990
	Backup	Tem.bck	March 1990
	Unknown	Rocky Flats dosimetry 2 vol	September 1990
	Unknown	Barnes.OHIO 2 vol set	
	Unknown	Unlabeled Tape	
	Backup? (sic)	LAM-June89.BKP 4 vol set	
Bottom Row East	Backup	Pantex.SAV 3 volume set	January 1983
	Unknown	E.W. Pantex files; G.T. Pantex files 800 Bpi	September 1982
	Unknown	"DOE Safety Pantex per"	

Location	Utility	Tape Title	Date
	Blocked	Texas DMV submission	September 1982
	Unknown	"Pantex Data entry/edit"	April 1982
	Backup	Pantex.SAV	April 1983
	Unknown	PXROS.DAT	
	Unknown	Unlabeled tape	
	RMS backup	Pantex1.BKP, Pantex2.BKP	May 1982
	Unknown	"Mike Doyan"	
	Unknown	"Pantex Radiation Exposure data"	
	Unknown	Unlabeled tape	
	Backup? (sic)	Keep.bkp	January 1987
	Backup	Brain.Jan87	January 1987
	Blocked	NDI 1990 3 volumes	1990
	Unknown	RF Dosimetry	1990
	Backup	[LANL.NIOSH] 2 volumes	January 1987
	Backup	[LANL.FEMALES...]	October 1988
	Unknown	Out 12, Out 13 2 volume set	
	Unknown	Out 11	
	Unknown	3 save-sets: SR.SAV, RF.SAV, MD.SAV	July 1983
	Backup	Savannah River	January 1983
	Unknown	SRSSA.FIN	
	RMS Backup	HPAREH, BIOMAST, Savannah River	September 1982
	Backup	SR.BKP [SR]*.*;*	December 1984
	Backup	SR Miscellaneous Files	
	Backup	SR Archival Files	

Location	Utility	Tape Title	Date
	RMS Backup	Codes_SR.People, SROLL	
	Backup	SROAU.BAT	
	Backup	SRBIOM.DAT, SREXP.DAT, SRMERGE.DAT	December 1982
	Backup	[SR]*.*;* [46 files]	January 1983
	Blocked	SR data sent from Oak Ridge	November 1982
	Blocked	SRP.HPARE, SRP.BIOMAST	June 1981
	Blocked? (sic)	HPAREAH	1985
	Unknown	Savannah River	April 1986
	Backup	[SR]*.*;*	January 1984
Top Row West	Backup	BMDP	1990
	Backup	VAX C v.3.2	
	Backup	Diskeeper v.5.0	
	Backup	VMS v.5.2	
	Backup	Decwindows v.5.2	
	Backup	VMS v.5.2	
	Backup	ORACLE	
	Backup	DTR v.5.0	
	Backup	ORACLE v.6, 7 volumes	
	Backup	Displa Device Drivers	
	Backup	VMS v.5 update 3 volumes	
	Backup	VAX Fortran v 5.3	
	Backup	VMS Print Symbionts	
	Backup	Ethernet 2 volumes	
	Backup	Searchmate v.3.0	
	Backup	ORACLE v.1 3 volumes	

Location	Utility	Tape Title	Date
	Backup	FORTRAN v.1, v.0	
	Backup	1/0 Express v.1.1	
	Backup	VAX EMS	
	Backup	Diskeeper v.3	
	Backup	Searchmate monthly release	
	Backup	Diskeeper VMS SQ2 and PAK, Diskeeper Disk Analyser	
	Backup	VMS v.5.2 3 volumes	
	Backup	VMS v.5.0 update Decserver 200	
Second Row West	Backup	Image backups: 8 vols., 3 vols., 3 vols., 4 vols.	June, April, May, June 1990
	Backup	Oracle set 4 volumes	
	Backup	VMS v.3 3 volumes	
	Backup	C v.3.1 2 volumes	
	Backup	FORTRAN v.5.4 1 vol	
	Blocked? (sic)	RF MAST	
	Unknown	VSN=SSARES	December 1980
	Unknown	64-67 U.S. Mortality 2 volumes	
	Blocked? (sic)	TERM (RF)	
	Unknown	MONSON	
	Blocked	PU Study Forms	
	Unknown	Mast8, Mast9, T34zia, XZIA	
	Unknown	H-1 Class A & B Record5	January 1976
	Unknown	MONSON	

Location	Utility	Tape Title	Date
	Unknown	MX24	December 1977
	Unknown	U.S. Death Records?	
	Blocked	Cancer Rates 1950-61, US Death 1962-62, US Death 1968-69, US Death 1970-71; CDD v.4.2	
	Blocked	NDI	
	Backup	Oracle v.5 Backup 2 volumes	
Third Row West	Backup	Image backup (system) 3 vols., 2 vols	November, December 1990
	Backup	Oracle backup 2 volumes	1991
	Backup	Epi incrementals	January 1991
	Unknown	(Ohio?) Motor vehicles return	
	Blocked	Ohio DMV submission	1991
	Backup? (sic)	Disspla & codebook	1991
	Unknown	VMS Q/A files	1991
	Backup	Image backup (System) 3 volumes	June 1990
	Backup	Image EPI3: 3 vols., EPI2: 3 vols., EPI1: 5 vols., EPI0: 3 vols	January 1991
	Backup	VMS Q/A.bck 2 volumes	
	Backup	LAF.bck Los Alamos Females Study	July 1986
	Unknown	Monson (Machine M)	
	Unknown	Laurie.Scratch (Machine M)	
	Backup	MNDHP.DAT, MNDHP.CMD	August 1983
	Backup	MND004, MND003, database archive	January 1983

Location	Utility	Tape Title	Date
	Backup	MNDHP.SAV	June, August 1983
	Backup? (sic)	Rocky.bak	
	Blocked	Mound Sacnet transmission	July 1983
	Backup? (sic)	Polonium Backup	January 1987
	Blocked	Polonium	January 1987
	Backup	[MOUND...]*.*;*	February 1984
	RMS Backup	MDPEOPLE.DAT	July 1982
	VMS Backup	MNDHP2.DAT;	February 1986
Fourth Row West	Image Backup	EPI3: 7 vols., EPI2: 9 vols., EPI1: 11 vols.	1990
	Blocked	NDI request (bad tape)	1990
	Blocked	NDI request	
	Backup	EPI0: backup 7 volumes	1990
	Backup	VMS Q/A license	
Fifth Row West	Unknown	VSN = Savan	
	Unknown	64-67 Mortality	
	Unknown	RFHP81	
	Blocked	U.S. Death Records 73-78	
	Blocked	Aloo & Zia ? (has 3 different labels)	
	Unknown	Databases	May 1983
	Backup	Searchmate 3 volumes, CDD 2 volumes	
	Backup	Epi 1-5 incrementals 2 volumes	1990
	Backup	MD_People.Sav	February 1983

Location	Utility	Tape Title	Date
Bottom Row West	Blocked	CER20 PU data	
	Blocked	ZIACOM.DAT, ALOOO.DAT, ALOOEM.DAT	December 1984
	Blocked	ZIA8.DAT	January 1983
	Blocked	ZIA2K	April 1986
	Unknown	Stoll Programs	May 1981
	Backup	ALOOZIAC backup	1985
	Unknown	Mancuso data 3 volumes	
	Blocked	3 tapes from ORAU	
	Backup	Mound88.DAT, NEW MND.DAT	July 1989
	Backup	[MOUND]MND.DAT	April 1989
	Unknown	Mound HP 800 BPI	
	Blocked	Unknown	August 1983
	Blocked	VSN = MOUND	
	Backup	[Mound...]*.*;* 2 volumes	
	Blocked	VSN = MNDNET	
	Unknown	VSN = MOUND	
	Backup	MD.DAT	
	DOS	MOUND.HP 800 BPI	
	Backup	Mound Archival files	October 1982
	Backup	Mound "saved" files	October 1982
	Unknown	Employee cards	June 1979
	Backup	MD.DAT	September 1983

DIRECTORIES ON MAINFRAME IN THE CENTRAL COMPUTING FACILITY

The following directories are housed on the mainframe located in the Central Computing Facility. Contact Epidemiology Section staff prior to accessing. Each directory name is followed by the number of files found in that directory.

/GARY	65 files
/LANL	2 files
/REY	16 files
/PX	38 files
/PANTEXM	47 files
/ROCKY	2 files; 2 subdirectories with 15 files each
/RF	90 files
/RFDBN1	12 files
/RFDBN3	12 files
/RFDBN2	12 files
/900059	19 files
/RFDB3	6 files
/RFDB2	6 files
/ALOO	11 files
/SMO	4 files
/HSW3	24 files
/HSW2	18 files
/HSW1	20 files
/ZIA	11 files
/HSW	1 file
/H14	57 subdirectories

VAX DIRECTORIES

The directories listed below are housed on the VAX 6240 mini-computer in the Epidemiology Section. The directories are listed by name followed by the number of files each contains.

HSC001\$DUA5: [000000]	10 files
HSC001\$DUA5: [RF]	348 files
HSC001\$DUA5: [RFANALYTIC92]	5 files
HSC001\$DUA5: [RFAUG.93]	46 files
HSC001\$DUA5: [RF.AUG93.CULL]	2 files
HSC001\$DUA5: [RF.AUG93.DATE CHECKS]	11 files
HSC001\$DUA5: [RF.AUG93.ETHNICITY]	5 files
HSC001\$DUA5: [RF.AUG93.EXPOS]	26 files
HSC001\$DUA5: [RF.AUG93.HIRE TERM]	8 files
HSC001\$DUA5: [RF.AUG93.INTERMED]	2 files
HSC001\$DUA5: [RF.AUG.93.ORIGINALS]	5 files
HSC001\$DUA5: [RF.AUG93.VITSTAT]	7 files
HSC001\$DUA5: [RF.CEDR]	8 files
HSC001\$DUA5: [RF.COMPCHEMOCC]	30 files
HSC001\$DUA5: [RF.DEC88]	62 files
HSC001\$DUA5: [RF.EXP]	11 files
HSC001\$DUA5: [RF.FINAL]	12 files
HSC001\$DUA5: [RF.FIRE]	26 files
HSC001\$DUA5: [RF.IARC]	19 files
HSC001\$DUA5: [RF.MAIDEN]	5 files
HSC001\$DUA5: [RF.MERGE]	2 files
HSC001\$DUA5: [RF.NDI]	71 files
HSC001\$DUA5: [RF.NIOSH JUN92]	7 files
HSC001\$DUA5: [RF.ORAUID]	19 files
HSC001\$DUA5: [RF.ORAU.RF_ORAC]	5 files
HSC001\$DUA5: [RF.PLUTO]	70 files
HSC001\$DUA5: [RF.RF_SEP90]	67 files
HSC001\$DUA5: [RF.RF_SUMMER86]	43 files
HSC001\$DUA5: [RF.RF_SUMMER86.2PLUSNCI]	73 files
HSC001\$DUA5: [RF.RF_SUMMER86.2_5NCI]	41 files
HSC001\$DUA5: [RF.RF_SUMMER86.5PLUSNCI]	38 files
HSC001\$DUA5: [RF.RF_SUMMER86.AGEEEXPOSURE]	61 files
HSC001\$DUA5: [RF.RF_SUMMER86.BMDP]	19 files
HSC001\$DUA5: [RF.RF_SUMMER86.EDUC]	2 files
HSC001\$DUA5: [RF.RF_SUMMER86.EDUC.EXT]	66 files
HSC001\$DUA5: [RF.RF_SUMMER86.EDUC.PU]	79 files
HSC001\$DUA5: [RF.RF_SUMMER86.EXTERNAL]	34 files
HSC001\$DUA5: [RF.RF_SUMMER86.EXTERNAL.1_5REM]	33 files
HSC001\$DUA5: [RF.RF_SUMMER86.EXTERNAL.5PLUSREM]	33 files
HSC001\$DUA5: [RF.RF_SUMMER86.EXTERNAL.DOSE]	87 files
HSC001\$DUA5: [RF.RF_SUMMER86.EXTERNAL.EXPOSED]	87 files
HSC001\$DUA5: [RF.RF_SUMMER86.EXTERNAL.UNEXPOSED]	90 files

HSC001\$DUA5: [RF.RF_SUMMER86.INTERACTION]	67 files
HSC001\$DUA5: [RF.RF_SUMMER86.MORBIDITY]	22 files
HSC001\$DUA5: [RF.RF_SUMMER86.UNEXP]	79 files
HSC001\$DUA5: [RF.RF_SUMMER86.WREGR]	3 files
HSC001\$DUA5: [RF.SMR93]	22 files
HSC001\$DUA5: [RF.SSA]	4 files
HSC001\$DUA5: [RF.SSA.861]	4 files
HSC001\$DUA14:[000000]	12 files
HSC001\$DUA14:[LANL]	270 files
HSC001\$DUA14:[LANL.CEDR]	3 files
HSC001\$DUA14:[LANL.CEDR.DEC93]	38 files
HSC001\$DUA14:[LANL.CEDR.FEB94]	52 files
HSC001\$DUA14:[LANL.CEDR.FEB94.EFEB94]	41 files
HSC001\$DUA14:[LANL.CEDR.FEB94.EFEB94.PLUTO]	80 files
HSC001\$DUA14:[LANL.CEDR.FEB94.LAM]	10 files
HSC001\$DUA14:[LANL.CEDR.MAY94]	86 files
HSC001\$DUA14:[LANL.CEDR.NONYPR]	11 files
HSC001\$DUA14:[LANL.DISCREPS]	5 files
HSC001\$DUA14:[LANL.EIS]	40 files
HSC001\$DUA14:[LANL.FEMALES]	11 files
HSC001\$DUA14:[LANL.FEMALES.SUICIDE]	45 files
HSC001\$DUA14:[LANL.HP]	102 files
HSC001\$DUA14:[LANL.HP.LAM JAN89]	31 files
HSC001\$DUA14:[LANL.HP.NEWEXT]	97 files
HSC001\$DUA14:[LANL.INC]	5 files
HSC001\$DUA14:[LANL.INJURY]	30 files
HSC001\$DUA14:[LANL.LAM SEPT87]	14 files
HSC001\$DUA14:[LANL.LUNGCTRL]	30 files
HSC001\$DUA14:[LANL.MALES]	47 files
HSC001\$DUA14:[LANL.MALES.ADV92]	12 files
HSC001\$DUA14:[LANL.MALES.BMDP]	41 files
HSC001\$DUA14:[LANL.MALES.BMDP.COXREG94]	67 files
HSC001\$DUA14:[LANL.MALES.ETHNICITY]	20 files
HSC001\$DUA14:[LANL.MALES.FEB93]	65 files
HSC001\$DUA14:[LANL.MALES.FEB93.GRAPHS]	15 files
HSC001\$DUA14:[LANL.MALES.FEB93.PLUTOMERGE]	28 files
HSC001\$DUA14:[LANL.MALES.JAN91]	11 files
HSC001\$DUA14:[LANL.MALES.MONSON]	58 files
HSC001\$DUA14:[LANL.MALES.MONSON.EXT FEB93]	188 files
HSC001\$DUA14:[LANL.MALES.MONSON.EXT FEB93.JUL93]	77 files
HSC001\$DUA14:[LANL.MALES.MONSON.EXT FEB93.SRR]	33 files
HSC001\$DUA14:[LANL.MALES.MONSON.PU FEB93]	176 files
HSC001\$DUA14:[LANL.MALES.MONSON.PU FEB93.AGESURV]	14 files
HSC001\$DUA14:[LANL.MALES.MONSON.PU FEB93.JUL93]	133 files
HSC001\$DUA14:[LANL.MALES.MONSON.PU FEB93.JUL93_NOEXT]	71 files
HSC001\$DUA14:[LANL.MALES.MONSON.PU FEB93.OCT93]	115 files
HSC001\$DUA14:[LANL.MALES.MONSON.PU FEB93.OCT93_NOEXT]	67 files
HSC001\$DUA14:[LANL.MALES.MOX]	41 files

HSC001\$DUA14:[LANL.MALES.MOX.FEB92]	31 files
HSC001\$DUA14:[LANL.MALES.MOX.FEB93]	134 files
HSC001\$DUA14:[LANL.MALES.MOX.JUL93]	103 files
HSC001\$DUA14:[LANL.MALES.MOX.MAY94]	24 files
HSC001\$DUA14:[LANL.MALES.MOX.OCT93]	29 files
HSC001\$DUA14:[LANL.MALES.NOV90]	11 files
HSC001\$DUA14:[LANL.MALES.NOV91]	1 file
HSC001\$DUA14:[LANL.MERGE]	5 files
HSC001\$DUA14:[LANL.MONSON]	5 files
HSC001\$DUA14:[LANL.MORBID88]	163 files
HSC001\$DUA14:[LANL.M NAME]	8 files
HSC001\$DUA14:[LANL.NEWEXT]	32 files
HSC001\$DUA14:[LANL.NEWEXT.MOX]	10 files
HSC001\$DUA14:[LANL.NIOSH]	1 file
HSC001\$DUA14:[LANL.NIOSH.ZIA]	5 files
HSC001\$DUA14:[LANL.NIOSH SEP93]	43 files
HSC001\$DUA14:[LANL.OCT93 NM]	47 files
HSC001\$DUA14:[LANL.ORAUD]	38 files
HSC001\$DUA14:[LANL.PLUSUB]	10 files
HSC001\$DUA14:[LANL.PLUTO]	54 files
HSC001\$DUA14:[LANL.PLUTO.MATCH]	99 files
HSC001\$DUA14:[LANL.PLUTO93]	5 files
HSC001\$DUA14:[LANL.SRHELP]	24 files
HSC001\$DUA14:[LANL.SURV93]	42 files
HSC001\$DUA14:[LANL.TEMPCEDR]	5 files
HSC001\$DUA14:[LANL.UCRS]	16 files
HSC001\$DUA14:[LANL.UPPU]	34 files
HSC001\$DUA14:[LANL.UPPU.ADV92]	9 files
HSC001\$DUA14:[LANL.UPPU.MAY90]	9 files
HSC001\$DUA14:[LANL.WING94]	17 files
HSC001\$DUA14:[LANL.ZNUMBERS]	31 files
HSC001\$DUA14:[LANL241]	228 files
HSC001\$DUA14:[LANL241.ADV92]	66 files
HSC001\$DUA14:[LANL241.ANALYTIC93]	28 files
HSC001\$DUA14:[LANL241.BMDP]	65 files
HSC001\$DUA14:[LANL241.BMDP.JUL93]	31 files
HSC001\$DUA14:[LANL241.EXT90]	179 files
HSC001\$DUA14:[LANL241.FOLL90]	130 files
HSC001\$DUA14:[LANL241.NEWZIACON]	3 files
HSC001\$DUA14:[LANL241.PUANNUAL]	69 files
HSC001\$DUA14:[LANL241.PUANNUAL.PLOTS]	27 files
HSC001\$DUA14:[LANL241.PUANNUAL.UPPU]	19 files
HSC001\$DUA14:[LANL241.RR94]	4 files
HSC001\$DUA14:[LANL241.RRJUL93]	48 files
HSC001\$DUA14:[LANL241.RR FEB92]	133 files
HSC001\$DUA14:[LANL241.SEP92]	18 files
HSC001\$DUA14:[LANL241.SITE93]	47 files
HSC001\$DUA14:[LANL241.SMR94]	20 files

HSC001\$DUA14:[LANL241.SMR94.AVE94]	6 files
HSC001\$DUA6:[000000]	15 files
HSC001\$DUA6:[CEDR]	27 files
HSC001\$DUA6:[CEDR.MAY90]	17 files
HSC001\$DUA6:[MOX]	120 files
HSC001\$DUA6:[NDI]	25 files
HSC001\$DUA6:[NDI.AUG92]	4 files
HSC001\$DUA6:[NDI.DCERTS]	3 files
HSC001\$DUA6:[NDI.NDI92]	136 files
HSC001\$DUA6:[NDI.NDI92.TEST]	25 files
HSC001\$DUA6:[NDI.PBICHECK]	21 files
HSC001\$DUA6:[OAK_RIDGE]	3 files
HSC001\$DUA6:[OAK_RIDGE.5REM]	1 file
HSC001\$DUA6:[OAK_RIDGE.PU_OCT87]	28 files
HSC001\$DUA6:[OAK_RIDGE.X10_PU]	7 files
HSC001\$DUA6:[OLD_SYSMGR]	28 files
HSC001\$DUA6:[SSA]	13 files
HSC001\$DUA6:[SSA.APRIL87]	14 files
HSC001\$DUA6:[SSA.RECEIVED]	22 files
HSC001\$DUA6:[SSA.SENT]	11 files
HSC001\$DUA6:[SSA.SENT.APRIL86]	7 files
HSC001\$DUA6:[SSA.SUB891]	12 files
HSC001\$DUA7:[000000]	13 files
HSC001\$DUA7:[PSQ]	10 files
HSC001\$DUA7:[ZIA]	447 files
HSC001\$DUA7:[ZIA.ADV92]	96 files
HSC001\$DUA7:[ZIA.ANALYTIC_91]	139 files
HSC001\$DUA7:[ZIA.BMDP]	2 files
HSC001\$DUA7:[ZIA.BMDP.BMDP_ZIA91]	171 files
HSC001\$DUA7:[ZIA.BMDP.MISC]	49 files
HSC001\$DUA7:[ZIA.CEDRJAN94]	1 file
HSC001\$DUA7:[ZIA.CEDR_OCT93]	9 files
HSC001\$DUA7:[ZIA.CNTS_APR92]	81 files
HSC001\$DUA7:[ZIA.COM]	220 files
HSC001\$DUA7:[ZIA.MONSON]	6 files
HSC001\$DUA7:[ZIA.MONSON.AVE92]	22 files
HSC001\$DUA7:[ZIA.MONSON.DARMF]	403 files
HSC001\$DUA7:[ZIA.MONSON.EXT91]	193 files
HSC001\$DUA7:[ZIA,MONSON.EXT91.FIVEYR92]	28 files
HSC001\$DUA7:[ZIA.MONSON.EXT91.HISP]	108 files
HSC001\$DUA7:[ZIA.MONSON.EXT91.NONHISP]	118 files
HSC001\$DUA7:[ZIA,MONSOM.EXT91_OUT]	1064 files
HSC001\$DUA7:[ZIA.MONSON.PU91]	139 files
HSC001\$DUA7:[ZIA.MONSON.PU91.FIVEYR92]	27 files
HSC001\$DUA7:[ZIA.MONSON.PU91.HISP]	134 files
HSC001\$DUA7:[ZIA.MONSON.PU91.NONHISP]	86 files
HSC001\$DUA7:[ZIA.MONSON.PU91_OUT]	963 files
HSC001\$DUA7:[ZIA.MOX90]	14 files

HSC001\$DUA7:[ZIA.MOX90.MOX91]	48 files
HSC001\$DUA7:[ZIA.MOX90.MOX91.AUG91]	100 files
HSC001\$DUA7:[ZIA.ORAMERGE]	62 files
HSC001\$DUA7:[ZIA.ORAUID]	26 files
HSC001\$DUA7:[ZIA.ORAUID.CHECK]	7 files
HSC001\$DUA7:[ZIA.ORAUID.MERGE]	16 files
HSC001\$DUA7:[ZIA.PLOTSEP]	9 files
HSC001\$DUA7:[ZIA.RF JOAN]	9 files
HSC001\$DUA7:[ZIA.SITE VISIT91]	67 files
HSC001\$DUA7:[ZIA.SITE VISIT91.APR93]	15 files
HSC001\$DUA7:[ZIA.TEMP]	26 files
HSC001\$DUA4:[000000]	11 files
HSC001\$DUA4:[MOUND]	219 files
HSC001\$DUA4:[MOUND.APRIL87]	146 files
HSC001\$DUA4:[MOUND.APRIL87.BMDP]	37 files
HSC001\$DUA4:[MOUND.APRIL87.DOSE]	43 files
HSC001\$DUA4:[MOUND.APRIL87.LEUK]	19 files
HSC001\$DUA4:[MOUND.APRIL87.SHORE]	25 files
HSC001\$DUA4:[MOUND.AUG86]	37 files
HSC001\$DUA4:[MOUND.CEDRDEC93]	36 files
HSC001\$DUA4:[MOUND.EXP]	45 files
HSC001\$DUA4:[MOUND.EXTERNAL EXPOSURES]	28 files
HSC001\$DUA4:[MOUND.HOFMANN]	39 files
HSC001\$DUA4:[MOUND.JULY89]	25 files
HSC001\$DUA4:[MOUND.MATCHEXP]	15 files
HSC001\$DUA4:[MOUND.MONSON]	38 files
HSC001\$DUA4:[MOUND.MORBIDITY]	19 files
HSC001\$DUA4:[MOUND.OCCHIST]	4 files
HSC001\$DUA4:[MOUND.OHIO]	30 files
HSC001\$DUA4:[MOUND.ORAUID]	18 files
HSC001\$DUA4:[MOUND.PLUTONIUM]	8 files
HSC001\$DUA4:[MOUND.PO2]	9 files
HSC001\$DUA4:[MOUND.POLONIUM]	230 files
HSC001\$DUA4:[MOUND.POLONIUM.MOX88]	4 files
HSC001\$DUA4:[MOUND.PO JAN87]	3 files
HSC001\$DUA4:[MOUND.PO JAN91]	8 files
HSC001\$DUA4:[MOUND.PO JUL87]	29 files
HSC001\$DUA4:[MOUND.PO MARCH90]	34 files
HSC001\$DUA4:[MOUND.PO MARCH90.OHIO]	6 files
HSC001\$DUA4:[MOUND.PO OCT88]	40 files
HSC001\$DUA4:[MOUND.PO SEP93]	13 files
HSC001\$DUA4:[MOUND.TEST]	22 files
HSC001\$DUA4:[MOUND.TRAX92]	67 files
HSC001\$DUA4:[SAVANNAH]	20 files
HSC001\$DUA4:[SAVANNAH.EXTERNAL]	13 files
HSC001\$DUA4:[SAVANNAH.HPAREH88]	19 files
HSC001\$DUA11:[000000]	29 files
HSC001\$DUA11:[ADDIE]	66 files

HSC001\$DUA11:[ANALYTIC]	19 files
HSC001\$DUA11:[BARNES]	35 files
HSC001\$DUA11:[BARNES.CEDR]	9 files
HSC001\$DUA11:[BARNES.CEDR.DATA]	6 files
HSC001\$DUA11:[BARNES.CEDR.LANL]	13 files
HSC001\$DUA11:[BARNES.CEDR.LANL.DEC93]	1 file
HSC001\$DUA11:[BARNES.CEDR.MOUND]	20 files
HSC001\$DUA11:[BARNES.CEDR.OCT93]	42 files
HSC001\$DUA11:[BARNES.CEDR.PANTEX]	3 files
HSC001\$DUA11:[BARNES.CEDR.RF]	5 files
HSC001\$DUA11:[BARNES.CEDR.ZIA]	3 files
HSC001\$DUA11:[BARNES.COMP_CHEM]	72 files
HSC001\$DUA11:[BARNES.COMP_CHEM.ARCHIVES]	10 files
HSC001\$DUA11:[BARNES.COMP_CHEM.BACKUPS]	3 files
HSC001\$DUA11:[BARNES.COMP_CHEM.EPI_FILES]	33 files
HSC001\$DUA11:[BARNES.COMP_CHEM.LOAD_FILES]	90 files
HSC001\$DUA11:[BARNES.COMP_CHEM.LOAD_FILES.LOG]	17 files
HSC001\$DUA11:[BARNES.EPIBASE]	2 files
HSC001\$DUA11:[BARNES.EPIBASE.ORA_FILES]	8 files
HSC001\$DUA11:[BARNES.EPIBASE.ORIG_FILES]	36 files
HSC001\$DUA11:[BARNES.EPIBASE.ORIG_FILES.NON_SITE_FILES]	19 files
HSC001\$DUA11:[BARNES.GENERAL]	3 files
HSC001\$DUA11:[BARNES.ICDA]	10 files
HSC001\$DUA11:[BARNES.LANL]	2 files
HSC001\$DUA11:[BARNES.LANL.ORAUID]	10 files
HSC001\$DUA11:[BARNES.MEANS]	39 files
HSC001\$DUA11:[BARNES.NMTR]	8 files
HSC001\$DUA11:[BARNES.NMTR.CHECKS]	2 files
HSC001\$DUA11:[BARNES.NMTR.CHECKS.ICD_GRAPH]	6 files
HSC001\$DUA11:[BARNES.NMTR.CHECKS.ICD_GRAPH.INPUTS]	154 files
HSC001\$DUA11:[BARNES.NMTR.CHECKS.ICD_GRAPH.OUTPUTS]	47 files
HSC001\$DUA11:[BARNES.NMTR.CHECKS.RATES]	6 files
HSC001\$DUA11:[BARNES.NMTR.MONSON]	14 files
HSC001\$DUA11:[BARNES.NMTR.MORTALITY]	23 files
HSC001\$DUA11:[BARNES.NMTR.ORIG]	9 files
HSC001\$DUA11:[BARNES.NMTR.POPULATION]	47 files
HSC001\$DUA11:[BARNES.NMTR.RATES_FILES]	18 files
HSC001\$DUA11:[BARNES.NMTR.REVISE_ICDA]	12 files
HSC001\$DUA11:[BARNES.OHIO]	43 files
HSC001\$DUA11:[BARNES.OHIO.DMV]	5 files
HSC001\$DUA11:[BARNES.PANTEX]	2 files
HSC001\$DUA11:[BARNES.PANTEX.LLLFILES]	6 files
HSC001\$DUA11:[BARNES.PBI_FILES.PBI90]	20 files
HSC001\$DUA11:[BARNES.PBI_FILES.PBI90.LANL]	21 files
HSC001\$DUA11:[BARNES.PBI_FILES.PBI90.MOUND]	9 files
HSC001\$DUA11:[BARNES.PBI_FILES.PBI90.OVERLOOK]	3 files
HSC001\$DUA11:[BARNES.PBI_FILES.PBI90.PANTEX]	10 files
HSC001\$DUA11:[BARNES.PBI_FILES.PBI90.RF]	11 files

HSC001\$DUA11:[BARNES.PBI FILES.PBI90.ZIA]	15 files
HSC001\$DUA11:[BARNES.PBI FILES.PBI91_A]	8 files
HSC001\$DUA11:[BARNES.PBI FILES.PBI91_A.LANL]	14 files
HSC001\$DUA11:[BARNES.PBI FILES.PBI91_A.MOUND]	12 files
HSC001\$DUA11:[BARNES.PBI FILES.PBI91_A.PANTEX]	2 files
HSC001\$DUA11:[BARNES.PBI FILES.PBI91_A.RF]	10 files
HSC001\$DUA11:[BARNES.PBI FILES.PBI91_A.ZIA]	15 files
HSC001\$DUA11:[BARNES.ROCKY]	8 files
HSC001\$DUA11:[BARNES.ROCKY.HIRE TERM_FILES]	26 files
HSC001\$DUA11:[BARNES.ROCKY.MAR92]	7 files
HSC001\$DUA11:[BARNES.ROCKY.MAR92.GARYT]	17 files
HSC001\$DUA11:[BARNES.ROCKY.MAY92]	9 files
HSC001\$DUA11:[BARNES.ROCKY.ORIG]	6 files
HSC001\$DUA11:[BARNES.ROCKY.RFEDIT]	27 files
HSC001\$DUA11:[BARNES.ROCKY.RFORACLE]	20 files
HSC001\$DUA11:[BARNES.ROCKY.RF_ANAL91]	48 files
HSC001\$DUA11:[BARNES.TEMP]	14 files
HSC001\$DUA11:[BARNES.TEMP.DEATH PROJECT]	9 files
HSC001\$DUA11:[BARNES.TEMP.MONSON REWORK]	19 files
HSC001\$DUA11:[BARNES.TEMP.RF93_ARCH]	5 files
HSC001\$DUA11:[BARNES.TEMP TMI]	9 files
HSC001\$DUA11:[BARNES.TMI FILES]	21 files
HSC001\$DUA11:[BARNES.ZIA]	8 files
HSC001\$DUA11:[BARNES.ZIA.MAID NAME]	24 files
HSC001\$DUA11:[BARNES.ZIA.ORAUID]	2 files
HSC001\$DUA11:[CANCER]	10 files
HSC001\$DUA11:[COX DEVORE]	10 files
HSC001\$DUA11:[COX DEVORE.CEDR_SEP91]	6 files
HSC001\$DUA11:[COX DEVORE.MEM]	58 files
HSC001\$DUA11:[COX DEVORE.PERSONAL]	9 files
HSC001\$DUA11:[COX DEVORE.RPT]	59 files
HSC001\$DUA11:[GALKE]	135 files
HSC001\$DUA11:[GALKE.MONSON]	7 files
HSC001\$DUA11:[H2MED]	85 files
HSC001\$DUA11:[H2MED.DEF]	18 files
HSC001\$DUA11:[H2MED.EVA]	68 files
HSC001\$DUA11:[H2MED.EVA.VIGIL]	27 files
HSC001\$DUA11:[H2MED.GW]	18 files
HSC001\$DUA11:[H2MED.NOISE]	13 files
HSC001\$DUA11:[H2MED.SOURCE]	54 files
HSC001\$DUA11:[H2MED.SOURCE.WORK]	10 files
HSC001\$DUA11:[HEALTH]	26 files
HSC001\$DUA11:[JANICE]	6 files
HSC001\$DUA11:[JANICE.LA]	2 files
HSC001\$DUA11:[JANICE.LA.NEWLA]	2 files
HSC001\$DUA11:[JANICE.LA.NEWLA.DOMAINS]	39 files
HSC001\$DUA11:[JANICE.LA.NEWLA.RECORDS]	39 files
HSC001\$DUA11:[JANICE.LA.OLDLA]	4 files

HSC001\$DUA11:[JANICE.LA.OLDLA.DOMAINS]	12 files
HSC001\$DUA11:[JANICE.LA.OLDLA.RECORDS]	14 files
HSC001\$DUA11:[JANICE.MOUND]	2 files
HSC001\$DUA11:[JANICE.MOUND.NEWMOUND]	2 files
HSC001\$DUA11:[JANICE.MOUND.NEWMOUND.DOMAINS]	14 files
HSC001\$DUA11:[JANICE.MOUND.NEWMOUND.RECORDS]	13 files
HSC001\$DUA11:[JANICE.MOUND.OLDMOUND]	5 files
HSC001\$DUA11:[JANICE.OLDMOUND.DOMAINS]	15 files
HSC001\$DUA11:[JANICE.OLDMOUND.RECORDS]	17 files
HSC001\$DUA11:[JANICE.PANTEX]	2 files
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HSC001\$DUA11:[JANICE.PANTEX.OLDPANTEX]	4 files
HSC001\$DUA11:[JANICE.ROCKY]	2 files
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HSC001\$DUA11:[JANICE.ROCKY.NEWROCKY.DOMAINS]	12 files
HSC001\$DUA11:[JANICE.ROCKY.NEWROCKY.RECORDS]	11 files
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HSC001\$DUA11:[JANICE.SAVANNAH]	2 files
HSC001\$DUA11:[JANICE.SAVANNAH.NEWSRP]	2 files
HSC001\$DUA11:[JANICE.SAVANNAH.NEWSRP.DOMAINS]	6 files
HSC001\$DUA11:[JANICE.SAVANNAH.NEWSRP.RECORDS]	6 files
HSC001\$DUA11:[JANICE.SAVANNAH.OLDSRP]	4 files
HSC001\$DUA11:[JOAN]	111 files
HSC001\$DUA11:[JOHNSON]	174 files
HSC001\$DUA11:[JOHNSON.CEDR]	4 files
HSC001\$DUA11:[JOHNSON.CFS]	50 files
HSC001\$DUA11:[JOHNSON.CNTSLA JUN92]	13 files
HSC001\$DUA11:[JOHNSON.MONSON]	59 files
HSC001\$DUA11:[JOHNSON.SPS]	11 files
HSC001\$DUA11:[JOHNSON.TRAX92]	39 files
HSC001\$DUA11:[MONSON]	20 files
HSC001\$DUA11:[MONSON.1988 RATES]	17 files
HSC001\$DUA11:[MONSON.CT INC]	1 file
HSC001\$DUA11:[MONSON.JAN87]	46 files
HSC001\$DUA11:[MONSON.OLD]	4 files
HSC001\$DUA11:[MONSON.READIT]	15 files
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HSC001\$DUA11:[PANTEX]	46 files
HSC001\$DUA11:[PANTEX.CEDR]	14 files
HSC001\$DUA11:[PANTEX.CEDR.JAN94]	29 files
HSC001\$DUA11:[PANTEXT.CEDR.JAN94.FINALS]	10 files
HSC001\$DUA11:[PANTEX.MONSON]	13 files
HSC001\$DUA11:[PANTEX.OLDDATA]	135 files

HSC001\$DUA11:[PANTEX.OLDDATA.MONSON]	14 files
HSC001\$DUA11:[PANTEX.ORAUID]	2 files
HSC001\$DUA11:[RAMSEY]	3 files
HSC001\$DUA11:[TIETJEN]	257 files
HSC001\$DUA11:[TIETJEN.FIVE]	11 files
HSC001\$DUA11:[TIETJEN.LIFE]	77 files
HSC001\$DUA11:[TIETJEN.MOX]	15 files
HSC001\$DUA11:[TIETJEN.SCREEN]	30 files
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HSC001\$DUA11:[TUMOR]	43 files
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HSC001\$DUA11:[WELLNESS]	135 files
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HSC001\$DUA11:[WIGGS.FEM.DIS]	203 files
HSC001\$DUA11:[WIGGS.FEM.DIS.JAN87]	872 files
HSC001\$DUA11:[WIGGS.MONSON]	1 file
HSC001\$DUA11:[WIGGS.PANTEX]	156 files

Also on the VAX 6240, is the Complex Chemical Study Database, which has the following files: TABLE PERSON_EXP; TABLE PERSONNEL; TABLE SAMPLE RESULTS; TABLE DET_SAMPLE; TABLE GEN_SAMP; and TABLE AGENT_DICTIONARY.

APPENDIX D DETERMINING SUITABILITY FOR SCANNING

According to the American National Standards Institute and the Association for Information and Image Management's Publication MS52-1991, "Recommended Practice for the Requirements and Characteristics of Documents Intended for Optical Scanning," the following guidelines apply when determining suitability for scanning:

- **Paper Sizes** Oversize (greater than 11" x 14") or odd size documents pose special problems for scanners with automatic feed mechanisms and should be noted.
- **Orientation** The preferred orientation for image scanning is with the lines of print parallel to the edge with the longer dimension. Therefore, documents, especially charts and graphs, should be noted as posing special problems.
- **Paper Color** The preferred color is white. Colored papers must appear as white for the scanner to see it. This will vary from one scanner to the next. The presence of colored paper should be noted.
- **Ink Color** The color of the ink should be black or one that appears black to the scanner. This will also vary from one scanner to the next. The use of light colored ink or pencil should be noted.
- **Color Combinations** Additional problems may arise if the contrast between ink and paper color is not distinctive. For example, the use of blue ink on blue paper should be noted because some scanners would be unable to see the text.
- **Smoothness (texture, finish)** Rough textured papers may jam scanners and the image may appear broken. Scanners also have difficulty seeing papers with a very high gloss (including some types of thermal fax papers). The presence of these types of papers should be noted.
- **Thickness** Extremely thin (onion skin or tissue copies) or thick (card stock) papers may not feed properly through some scanner feed mechanisms. These types of papers should be noted.
- **Dot Matrix Printing** Some Optical Character Recognition scanners may not recognize dot matrix printing. Others may produce characters which have a broken appearance. Use of these printers in production of documents should be noted.

- **Type Style** Many, if not most, Optical Character Recognition scanners will recognize only a limited number of fonts. Stylized type or script typefaces should be noted.
- **Margins** Information placed too close to the edge of a document may be ignored by some scanners. Documents with very narrow margins (less than 0.25 inch) or containing margin notes should be noted.
- **Photographs** Photographs, especially color photographs, scan poorly on some machines. These should be noted.
- **Forms** Most scanners can read forms if the areas to be filled in are free of anything which might obscure the handwritten information, and if the contrast is sufficient between the paper and the inks used. The presence of forms should be noted.

**LOS ALAMOS NATIONAL LABORATORY
EPIDEMIOLOGY SECTION:
A GUIDE TO RECORD SERIES OF THE DEPARTMENT OF ENERGY**

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