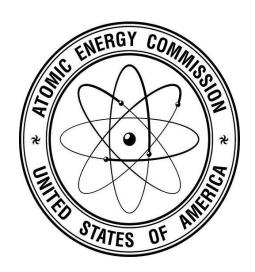
ATOMIC ENERGY COMMISSION AND THE SECRET CITY OF OAK RIDGE



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Atomic Energy Commission and the Secret City of Oak Ridge

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ATOMIC ENERGY COMMISION Record Collection-NARA

Record Group 326 Oak Ridge Files 1942-1972

OVERVIEW

Number: 326

Title: Atomic Energy Commission Creator: Atomic Energy Commission Dates: 1942-1972; 1942-1946 (bulk)

Media: Paper records, photographs, maps, blueprints, scientific data

Ouantity: 195 c.f.

BIOGRAPHICAL SKETCH

During World War II, the United States government initiated a secret project known as the Manhattan Project which was tasked with developing the first nuclear bomb. The agency was known as the Manhattan Engineering District and this project spanned the entire nation, using existing laboratories, constructing new facilities, and employing professionals of almost every discipline. One of these sites that were created for this project is the city of Oak Ridge, Tennessee. This location was built from nothing in a secluded area of north Tennessee. Oak Ridge had three main facilities: Y-12, K-25, and X-10. The function of these facilities was mainly to purify the Uranium 235 and 238 isotopes that would later be used in the nuclear bomb. The existence of this city was a complete secret until the War was over. After the end of World War II, the Manhattan Engineering District handed over control of what had become a nuclear energy program, to the newly created Atomic Energy Commission.

SCOPE AND CONTENT

The Oak Ridge Files contains mostly textual documents produced by the Atomic Energy Commission (AEC), the city of Oak Ridge, colleges and universities participating in the Manhattan Project and the various offices located in cities across the United States. Most of the documents were produced between 1940 and 1948. There are some records that were produced in the mid-1960 and late 1970's but few reach beyond 1972. The records are all in the same record group, 326, but are given different titles, accession numbers, and are typically cataloged according to the type of documents contained in the series. Some of these series were transferred to the National Archives and Records Administration (NARA) under Direct Offer (DO). These record series are more fragmented than other series. A word of warning concerning this record group: some of these documents are scientific in nature and require a strong grasp of physics and chemistry to understand them. However, these records contain many reports, maps, blueprints, and a few photographs that paint a picture of the inner workings of the Manhattan Project. Some

series contain copies of the same documents. The record series that contain declassified documents generally give the most insight.

ADMINISTRATIVE INFORMATION

Access: The Oak Ridge Files are available to anyone desiring to examine these records; however, some documents may contain Personally Identifiable Information (PII). In these cases, archives staff will evaluate the records and redact what is necessary.

DETAILED DESCRIPTION OF COLLECTION

Note to researchers: To request materials, note the accession and box number.

67A1545 Mail and Records Correspondence is focused on general correspondence between Manhattan District offices and universities under contract. This series consists of thirty three boxes. ARC number 4700146

Box 1

• General communications, charge sheets, shipping lists, and memorandums.

Box 2

- Photographs of cyclotron at Harvard University, photo possibly taken 07/07/43.
- Hand-drawn sketch of Argonne biology lab layout, dated 01/23/43.
- General correspondence and notes.

Box 3

• General correspondence, hand-written notes, blueprints, and field test data.

Box 4

- List of universities under contract (Scanned copy)
- Human Resource documents
- General correspondence

Box 5

- Graphs, drawings, and reports.
- Columbia University involved in a project under Dr. Urey.
- Ohio State University working on a project under A.L. Henne.

Series 9701 Washington University of St. Louis Contract Files contains information relating to the involvement of Washington University with the Manhattan Project. This series contains two boxes. ARC number 6207462

Box 1

• Washington University under contract with the Office of Scientific Research and Development (OSRD) from 03/01/42 to 04/01/43. The project involved using the

- cyclotron to treat certain materials sent to them by the Metallurgical Laboratory with neutron radiation and then sent back to the lab.
- Research and Development work for the Manhattan District Corp of Engineers, department of physics in May 1944. Harold S. Carter represented UW to the Corp of Engineers.
- F.W. Bubb named official "investigator" of the department, but was probably the head of the physics department.
- Organizational chart for the physics department.
- Major A.V. Peterson appointed representative of project at Washington University.
- Worked on contract OEMsr-455 for the University of Chicago, irradiating materials, Arthur H. Compton was the representative for Chicago.
- Several personnel profiles and requests for deferment.

• General Correspondence

68D0588 Mail and Records Correspondence contains correspondence with offices within the Manhattan District and with certain universities under contract. This series has forty three boxes. ARC number 6039088

Box 75

- Several requests for deferment for Brown University chemistry department.
- Columbia University working on a project involving uranium and request the deferment of several of their employees.
- Iowa State College was working on contract W-7405-eng-7 in November of 1942 through September 1943. The project focused on an experimental production of uranium metal under the supervision of OSRD and was administered by the contractor Stone and Webster. A.C. Klein served as the project director.

Box 76

- Princeton University requested deferment for some of their employees.
- Princeton was working on a project but the documents do not reveal any specific details.
- Purdue University was developing a course on radiochemical techniques and was requesting several pounds of lead residues from uranium mines.
- Purdue requested deferment of several of their employees.

Box 77

- University of Rochester was working on a project involving radon analysis.
- Correspondence with AEC, Rochester office and the University of Rochester.

73A0898 Oak Ridge Journal/Times is a collection of the local produced Oak Ridge newspaper produced during World War II. This series consists of three boxes, each with a year worth of newspapers.

• General newspaper content.

Box 2

• General newspaper content.

Box 3

- 05/20/46 issue describes a contract between AEC and the University of Tennessee to study the effects of radiation on domestic animals and crops. Dr. Hobbs of UT and Dr. Kile of Oak Ridge National Lab would head the experiment.
- 05/27/48 issue has an article on the establishment of Oak Ridge Institute of Nuclear Studies which would conduct a clinical research program with twenty southern medical schools to study the treatment of malignant diseases with radioactive materials.
- 04/15/48 issue reports intentions of MIT to establish an engineering school at Oak Ridge. The purpose would be to encourage education and enlargement of theoretical and practical knowledge relation to atomic energy.
- 03/04/48 issue has an article detailing the launch of a fellowship program for broad training in the medical and biological use of atomic energy. The fellowship is sponsored by AEC.
- 03/25/48 issue discusses UT and Oak Ridge officials proposing plans for a medical and isotope research center using radioactive materials from Oak Ridge. This center would be used to develop peace-time uses for atomic energy.
- 09/25/47 issue details the University of Chicago taking over management of Clinton National Labs from Monsanto Chemical for a four year contract.

Series 9701 Carnegie Institute of Technology Files is a collection of composition notebooks which contain hand written calculations. ARC number 6120902

Box 1

- Seven composition notebooks.
- Bridge data and calculations.
- Advanced physics

Series 9701 Brown University Notebooks is a collection of composition notebooks which contain hand written calculations. Two boxes, 5 and 13. ARC number 6277696

- Mostly advanced calculations.
- Some reports from MIT.

Series 16 Oak Ridge Contract Files is a collection of various contracts held by AEC in the years after World War II. Series is only one box. ARC number 951730

- University of St. Thomas in Houston, Texas is contracted in 1970 to study tornado damage on structures; perhaps on possible damage a tornado could cause a nuclear reactor.
- University of Miami's department of physics contracted to study the striations in gaseous plasma on 06/09/59.
- University of Miami conducting study on instabilities and turbulence in alkali vapor plasmas between 11/01/66-03/01/70. Dr. James V. Chuagliano heading the project.
- Florida State University's department of chemistry contracted to examine structural studies of metal coordination compounds between 02/29/63-01/01/70.
- Virginia Polytechnic Institute contracted to research reactor core physics from 0901/67-08/31/68. Dr. Andrew Robeson heading the project.
- Virginia Polytechnic Institute published an article in December 1967 on the measurement of short-lived delayed photo neutrons from fission-fragment gamma rays of U²³⁵ in heavy water.
- Several dissertations studying advanced physics through Virginia Polytechnic Institute.

Series 54 Oak Ridge Contract Files is similar to the collection preceding it. The series consists of two boxes. ARC number 6213035

Box 6

- Most of this collection is shipping memorandums.
- Purdue University, Princeton University, University of Wisconsin, University of California Radiation Lab, Vanderbilt University, Columbia University Radiological Research Lab all request polonium sources from Oak Ridge between 1950 and 1952.

Box 7

- University of California Radiation Lab requested four polonium-beryllium sources via rail on 04/03/53.
- University of California requested one polonium-beryllium source and one mach-fission source via rail on 06/19/53

69C2207 Oak Ridge Correspondence Files are a collection of correspondence with and within the city in the post-World War II era. The series consists of four boxes. ARC number 5676558

Box 95

- Files on the Oak Ridge Institute of Nuclear Studies.
- University relations
- University of Tennessee under contract 12/04/63.
- University of Puerto Rico under contract from 12/31/58/-12/31/63

- List of contractors and sub-contractors.
- Insurance documents.
- Oak Ridge schools/hospital policies and correspondence.

Box 97

- Organizational meetings (minutes and reports)
- Budgets
- Commercial contracts
- City management

Box 98

- Correspondence with Washington D.C., office.
- Budget information
- List of contracts, their objective, and the dates of the contract.

Box 99

- Several applications for fellowship to Oak Ridge Institute of Nuclear Studies.
 Applications include a picture of the applicant, education, work history, and some vital records.
- General correspondence.

Series 8505 Formerly Classified Correspondence Files, Y-12 Project, Clinton

Engineering Works This series contains miscellaneous documents, most of which are of a technical nature. The series consists of twelve boxes.

Box 1

- Business correspondence and insurance letters.
- Invoices from contractors.
- Letters requesting maintenance.
- Blueprint of Y-12 plant.
- Construction schedule.
- Production graphs of employee labor and safety.
- Topographical map of the area.

- Shipping manifests
- Clearance letters (rejection letters and background checks)
- Personnel of Patent Group
- Labor status reports
- Charge sheets
- List of personnel at Stone and Webster
- General correspondence

- Monthly personnel change
- Classification of employees (names and badge numbers)
- Organizational charts for Clinton Labs
- Operational reports for 10/43
- Administration of enlisted men (handbook format)

- Technical reports
- Minutes of a meeting between Kellex corporation and Army personnel on 10/23/43
- Columbia University working on project SAM on 10/08/43
- Security protocols and training
- Blueprints and hand written correspondence
- Iowa State College correspondence 08/12/45
- University of Chicago, Metallurgical Lab correspondence
- List of orders from Clinton Ordinance Works 08/12/43

Box 5

- Delivery and motor chart
- Blueprint-equipment numbering system
- Technical reports and correspondence
- Geological Reconnaissance of the Great Bear lake Deposit (book)
- Map of Knox, Roane, and Anderson County roads
- Transportation correspondence
- List of buildings at Y-12
- Map of Y-12 and construction progress of the area

Box 6

- Status of subprojects at Y-12
- Spreadsheets of financial data

Box 7

- Photographs of Y-12, K-25, and X-10
- Progress reports
- Monthly progress reports of K-25, 1943

Box 8

- Progress reports
- Town site planning reports-Oak Ridge

- Progress reports
- Construction progress graphs

- Semi-monthly progress reports
- Progress reports for Y-12
- Schedule and labor charts

Box 11

- Appraisal request letters
- Evacuation plans
- Miscellaneous blueprints
- Numerical index of drawings for Y-12
- Report on proposed plant site
- Maps of Tennessee
- Monthly cost reports for 1943
- Building index list

Box 12

- Appraisal for proposed Kingston Army camp in Kingston, TN-1942
- Housing documents-Oak Ridge
- Report of visitors for 1943

Series 8505 Formerly Classified Correspondence Files contains documents dealing with projects and the management of Oak Ridge. This series is quite extensive (182 boxes) and the content varies greatly from box to box. ARC number 1518690

Box 1

- University of California provides assistance with research and development, March 1944.
- Columbia University insurance letters

Box 2

• Extra-hazard insurance related documents for: Harvard University physics department, Iowa State College chemistry department, MIT industrial cooperation, University of Chicago, and University of Rochester

Box 3

• Washington University at St. Louis insurance related documents

Box 4

- Budget reviews
- Funds and disbursements

Box 5

Estimates of funds

• Cost reports

Box 8

• Cost reports, 1944

Box 9

• Cost reports, 1945

Box 10

• Cost reports, 1945-46

Box 11

• Cost reports, 1945-46

Box 12

• Property accountability and inventory, 1945-46

Box 13

• Reports of obligations, expenditures and reimbursements, 1945-46

Box 14

- Damage claims
- Reports of obligations, expenditures, and reimbursements, 1945-46

Box 15

• Claims for mileage, pay, and salaries, 1944-46

Box 16

- Contract lists, 1944-45
- Negotiations manual

Box 17

• Contract enclosures, 1944-46

Box 18

• Contract lists, these lists contain names of contractors, including various universities and contract codes, but does not go into detail on what the contractors will be doing

Box 19

- Delivery schedules for Stone and Webster, 1944
- Contract lists

• Claims and Settlements, 1945

Box 21

• Claims and Settlements, 1944-46

Box 22

• Claims and Settlements, 1945-46

Box 23

• Claims and Settlements, 1943-46

Box 24

• Claims and Settlements, 1943-46

Box 25

• Claims and Settlements, 1944-45

Box 35

- University of California progress reports, 1943-46
- X-49 deliveries and memos
- Exchanges, shipments, and transfers, 1943
- Supply list
- Tennessee Eastman Corporation progress reports
- John Hopkins University progress report for 05/11/45
- Requests for Fluorides, 1943-46
- Storing of supplies, 01/14/16
- Shipments
- Letters and correspondence
- Handling, storage, and transfer of material

Box 36

- Map of K-25 and Y-12
- Uranium production flow chart
- Accidents and damages, 1943

Box 37

- Columbia University's project SAM transferred to Carbide and Carbon Chemicals Corporation on 02/01/45
- Blueprints and charts
- Discussions of various elements
- General correspondence

- Technical joint Army-Navy reports, 1944
- Map of Los Alamos, 11/43
- Map of proposed additions to existing hospital, 06/17/44 and includes blueprints

• General correspondence

Box 40

- Miscellaneous transportation documents
- General electric books (three)

Box 41

- X-10 plant area and principle buildings
- Subproject 57, water supply system for Oak Ridge town site extension and for Y-12 area, 12/10/43
- Subproject 59, construction of electrical power facilities for the extension to the Y-12 plant, town site, sewage treatment plant and booster pump house, 12/43
- Subproject 60, water supply system for Y-12 area extension, 12/11/43
- K-25 project, Major W.P. Cornelius in charge
- Summary status of Y-12, 11/18/43
- Memo to Major General Groves
- New construction at Argonne Labs, 1943
- Letter to General Groves from Ernest O. Lawrence, 06/14/43
- Status of X-10, 06/08/43
- Letter to Oppenheimer from General Groves, 04/16/43
- Status of subprojects (Y-12 and town site)
- Proposed construction for Oak Ridge additions.
- Lists of subprojects

- Subproject 55, extension of Y-12 plant, 05/05/45
- Subproject 56, sanitary sewage system for town site extension, includes details of the project and a map of the area, 09/11/43
- Subproject 57, water supply system for town site extension and raw water for Y-12, map of the area included, 09/11/43
- Subproject 61, construction of an additional river water pump and force main, includes details of the project and two charts of water use.
- Subproject 62, between United States and Stone and Webster under contract 7401-eng-13, 06/29/42
- Subproject 63, investigation of high vacuum pumps, research activities of General Electric, Westinghouse research groups, and engineering developments, 09/30/44
- List of employees for Monsanto Chemical, 09/13/46
- Proposed building plan for Argonne National Lab of Chicago, 04/16/46

- List of buildings for K-25 which includes: number, type, size, function, and type of construction, 08/03/43
- List of buildings for Y-12 which includes: building numbers, names and area designation
- List of buildings for Hanford Engineering Works, 04/05/43
- Map of Benton, Franklin, Grant, and Adams counties, possibly a map of Washington State.
- University of California Radiation Lab planning revisions
- Blueprints of two floor office building, a lab, and a shop
- Letter to Colonel James Marshall from Oppenheimer concerning plans for Metallurgical Lab in Chicago, 10/23/42
- Revisions to additions of Y-12 facilities, 07/22/44
- Report on peace-time plans for projects, 01/08/44
- Map of K-25 and K-27, status of construction
- Seven supplements to subproject 55, includes maps.
- Operation of Oak Ridge by the Atomic Energy Commission, discusses transition to civilian control and facilities from War Department to AEC 01/14/47
- Clinton Engineering Works organizational chart describing departments
- Municipal personnel chart
- Personnel representing Y-12 and K-25 at production coordination conferences, 07/10/46
- Organization of Metallurgical Lab, 06/28/45
- Letter from General Groves to the Secretary of War concerning production of U²³⁵ prior to August 1945
- List of personnel in Boston office
- Blueprints of building 9401-2, 11/11/43
- Schematic of electrical system of K-25
- Personnel list of Carbide and Carbon, process division, 03/07/46
- X-10 project using Y-12 facilities, 12/18/46

• Blueprints for Clinton Labs

Box 44

- Y-12 general operations correspondence
- Detailed organizational chart for Tennessee Eastman Corporation
- Short personnel list

- Construction completion report of work on Metallurgical Lab at University of Chicago and includes photos and blueprints, 09/14/42-10/01/44
- Progress reports for Chicago area 07/01/45-11/01/46

- Large folder of narrative reports for Chicago area, includes lists of contracts, budget and estimated start and completion dates.
- Report for August 1944 mentions moving chemists from Metallurgical Lab, Clinton Labs, and Iowa State College to Y-12 for the purpose of assisting in problems of high urgency.
- University of California engaged in physiological studies with the University of Chicago, 07/01/43-06/30/44
- Iowa State College engaged in chemical and metallurgical research, 06/30/44-45
- Carnegie Institute of Technology developing testing methods, 07/05/44-12/31/45
- University of Chicago engaged in general research and development, 06/30/44-45
- University of Michigan involved in instrument development, 07/10/44-12/31/44
- University of Notre Dame engaged in cyclotron studies, 09/15/44
- Washington University engaged in cyclotron and irradiation studies, 06/30/44-12/31/44
- Boston University preparing pure chemicals, 12/07/43-06/30/44
- University of California, engaged in physiological studies, 07/01/43-06/30/44
- Organizational chart, possibly of Chicago office
- Blueprints of Argonne Campus, 09/30/43
- Monthly progress reports and contract list for Chicago area
- Installation drawings and blueprints for Colorado area
- Completion report of construction of X-10 project, photos, maps, utility drawings with index, organizational charts and graphs.
- Hanford progress reports, 08/44-02/45
- Contract lists and progress reports for Columbia area, 1943-46
- Hanford progress reports from 01/44-07/44

- Completion report of Garfield plant in Illinois
- Building list of town site, Y-12, TNX and K-25.
- Hanford progress reports

Box 47

- University of Rochester furnishing facilities for medical research program, 05/31/44
- Blueprints, graphs and progress reports for Rochester area, 1943-44
- University of Rochester to add an addition to their X-Ray facility, includes index of additions, 06/02/43-09/30/43
- Progress reports for St. Louis area, 07/01/45-11/29/46

- Map of town site and construction
- Town site buildings and proposed construction
- Narrative report for K-25, by Major William P. Cornelius, 12/31/43

- Narrative report for K-25, 1944
- Additional field reports for K-25, 1943
- Field progress report for K-25 and Y-12, 01/43-03/43
- Records pertaining to family housing in Santa Fe, Pasco, and Oak Ridge
- Field progress reports for K-25, includes maps of the area, 1943-46
- Completion report of town site construction, includes floor plans, photos and map of the site
- Completion report for second expansion of town site, includes photos, 1945
- Field progress reports of K-25 and Y-12, 1943
- Field progress reports for Y-12, late 1943

Box 50

- Field progress report narrative for Y-12, 1944-45
- Y-12 unit chief report, late 1943

Box 51

- Map of Y-12 plant
- Index and construction status map
- Road map and list of permanent buildings
- Town site map, Y-12 area map, K-25 building map and building list

Box 52

• List of unmarried officers

Box 53

- Files on fire protection, sewage, water treatment, lighting and power, radio and wireless systems, and telegraph system.
- Report on proposed site for military project at Los Alamos Ranch School, includes maps of the area, 11/23/42

Box 54

- Report on proposed site for military project located in Jemez Springs, New Mexico, includes maps of the area and photos of Jemez Springs and possibly Los Alamos, 11/13/42
- Report on proposed site for plant in Eastern Tennessee, most likely the beginnings of Oak Ridge, includes enlarged maps of the area, 1942.
- Preliminary real estate report, Los Alamos project, 11/21/42
- Inspection of proposed plant site, 01/18/43
- List of visitors to Oak Ridge, 1943-44, 46
- Medical reports with certain persons named and their ailments

- Several files containing safety reports and programs
- Folder with medical exams and some individuals named
- Hospital record of several individuals, dated August of 1942
- Autopsy report of Len J. Hargis, 10/10/40
- Medical histories for various locations in Manhattan District
- Maps of town site, Y-12, K-25, TNX, folder labeled "maps to accompany secret memo dated 4 April 1944"
- Injury report for Clifford M. Wise 01/28/44
- List of injured workers, 12/06/43
- Safety regulations for handling hydrofluoric acid and C-616
- Medical considerations of work with C-616, monthly injury lists, 1944
- Toxicity tests done in Rochester area, maybe University of Rochester
- Disease possibly caused by exposure
- Blueprints
- Report of deaths at Oak Ridge hospital as of 09/20/44
- Investigation report of Harlan F. Casey, autopsy report included
- Admissions of Oak Ridge hospital February and June of 1944 and February of 1945
- Pathology reports, 1945
- Reports concerning disease, 1945
- List of injured employees, 02/01/45-05/01/46
- Safety bulletins
- List of employees at Carbide and Carbon Chemical, 07/12/45
- Reports of radiation around Manhattan District, 01/43-09/44
- Radiation survey and employee list, 10/44-12/45
- Accident rates for Manhattan District for 1943, includes a chart

- General correspondence, 1943-45
- List of insured employees at Oak Ridge and Iowa State College
- Insurance claims, injury reports, and medical exams for Iowa State College
- Progress reports for Oak Ridge, 07/01/44-06/30/46
- Mostly insurance information, includes Iowa State, Purdue, University of California, and University of Chicago

- List of personnel engaged by University of California in connection of work done under contract W-7405-eng-36
- Insurance claims
- Inventory claims
- Inventory-Clinton Labs
- Various reports

- Post-war nuclear programs
- Organizational chart of Manhattan District and Oak Ridge
- Completed projects
- List of contracts at Clinton Engineering Works, 1945
- Insurance claims and settlements

Box 59

- Mostly files on shipment and transfer of materials
- Detailed organization chart of Clinton Labs, 12/01/44, folder 400.35
- Files on U²³⁵, very technical
- File on Radium, very technical

Box 60

- Report on the site plan and preliminary layout of the proposed research center at Oak Ridge
- Shipment lists
- Various "batch" folders detail shipment information

Box 61

- Material estimates (handwritten)
- Project goals for Manhattan District Labs
- Construction progress reports, 1944-45
- Weekly construction progress reports, Clinton Engineering Works, 1944-45
- Folder contain V-2 forms and several visitor permits
- Several folders with visitor permits
- Salary reports
- Cost reports

- Inventories
- Clinton Labs, salary report, 1945, list of employees earning less than 6,000 per year
- Travel records and military personnel, 1945
- Organizational chart of Manhattan District D.C. office
- Organizational chart for X-10, 01/01/46
- Monthly reports for Monsanto Chemicals, 1945-46
- Progress reports for Clinton Labs, November 1943-March 1945
- Counter Intelligence corps travel reimbursement, early 1946
- Technical reports for Monsanto, July 1946
- Lecture series on atomic and nuclear phenomena goes from March 16-June 6, lecturers listed

- General information meeting, contains list of institutes represented and names of individuals, 10/09/46
- Minutes of research council, 1946
- Shipments to Y-12
- Shipments to various locations
- Transfer of materials
- Problem projects, Clinton Labs Research and Development, 1945
- Radium files, product "23-25"

- Folders on isotopes 37-47
- Files on vehicles and chemicals
- Report from 04/01/43-10/31/43
- Clinton Labs daily operations reports, 1944
- Visitor permits and rosters
- Clinton Labs guard rosters, 1945

Box 65

- Estimates of K-25 costs, 04/44, incomplete report, possibly K-25 facility report
- Audit reports of Oak Ridge, 01/45
- Monthly personnel report, Carbide and Carbon Chemical and Oak Ridge, 11/30/46
- Photographs of crane accident, 01/15/45
- List of scientists, 05/21/46, (folder K231.001)
- Roster of workers assigned to Carbide and Carbon Chemical, rank and job description, 01/28/46

Box 66

- Minutes of meeting on uranium control, includes a list of those present, 12/19/46
- General information meeting, includes a list of institutions represented, 10/14-16/46
- Test results of compound C-616, 01/45-12/45

Box 67

- Proposed projects for Metallurgical Lab, 1945-46
- Shipping memos for Y-12, 1946
- Shipping memos for K-25 and Carbide and Carbon Chemical, early 1946
- Receiving reports for 1946

Box 68

- Shipping memo for Y-12, 1945-46
- General correspondence

• Shipping memos for Y-12, 1945

Box 70

- Reports on special hazards at Oak Ridge, includes blueprints of the area, 1945-46
- List of foreign born individuals working for Carbide and Carbon Chemical, 10/23/44 (folder FBD 000)

Box 71

- Security survey report for Oak Ridge, 02/21/46
- Fercleve employee report for Oak Ridge, 1944
- Radiation surveys, Oak Ridge, 09/10/45
- Clinton Labs, progress reports, 1944
- Safety reports, 1945
- Oak Ridge personnel report, August-July, 1945

Box 72

- Transfer of materials, shipment procedures
- Letters of visitors coming to Oak Ridge, map of K-25, K-27, and S-50 construction
- Final completion report covering the construction of S-50 area, includes photographs and blueprints of the area

Box 73

- Photographs of Y-12
- Tennessee Eastman Corporation total operating expense report, 1946
- Tennessee Eastman Corporation report of obligations, expenditures and reimbursements, 1946
- General correspondence

Box 74

- Clinton Engineering Works breakdown of employees by occupation, 1944
- Tennessee Eastman Corporation absenteeism reports, 1944-45
- General correspondence

Box 75

- List of Y-12 operating division, includes names
- List of projects
- Technical data and correspondence
- Various technical reports, 1943-February 1945
- Weekly status reports by Major Paul O. Langgath and Sergeant G.T. Arnold, 1946
- Daily bulk inventory reports, 06/21/46-02/17/47

Box 76

• Narrative and status reports of Y-12, 03/43-06/44

- Termination failure reports, 1945
- Weekly status reports of Y-12, 01/45-08/45
- Chemical reports, 1944

- Notes on conferences, 1943
- Lists of research groups and committees at Y-12, 01/46
- List of Clinton Engineer Works employees eligible for Selective Service and includes names, age, job title, date employed, educational background, prior work experience, and certification, 10/45-07/46
- Notes of conference, contains blueprints, 01/44-02/44
- Minutes of coordination meeting and includes radiation lab at University of California, 09/43-03/44
- Box contains mostly minutes of meeting, 1942-44

Box 78

- Technical reports and correspondence
- Administration of John Hopkins University contract under Dr. W.B. Buford, III, 1945-46
- V-Day plans at Oak Ridge
- Salary approvals for John Hopkins University employees working on a contract
- List of employees at John Hopkins University eligible for selective service, listed in order of importance
- Technical data from John Hopkins University, 1945
- Status reports of work done at Iowa State, 1945
- Technical data
- Work done at University of California, technical data and blueprints, 1943-46
- Work done at University of Chicago, includes technical data, 11/43-12-46
- Draft status for employees at Purdue University

Box 79

- Technical data and correspondence
- Shipping manifest, 1944
- Inter office communication for Oak Ridge

Box 80

- Technical data and correspondence
- Weekly progress reports for technical division, 1944-45
- Process division weekly progress report, 1945
- Shipping documents, 1944-45

Box 81

• Research report summary, 1945

- Technical information for Purdue University, 1945-46
- Technical information and correspondence

- Technical data on certain elements: uranium, radium, tuballoy, silver, graphite, plastics, carbon, and tungsten
- Mechanical data

Box 83

- Mechanical information: coils, tubes, valves, gaskets, and motor generators, 1944-45
- General correspondence, mechanically related

Box 84

- Y-12 shipping memos, 01/46-04/47
- Chemical information, miscellaneous chemical inventories, liquid nitrogen, gases and acids
- Radiation measuring, floor plans

Box 85

- Status of subprojects, Y-12, 1943
- Subproject supplements for Y-12
- Several folders full of blueprints and drawings

Box 86

- Building index with building numbers and designation for Y-12 extension, 08/45
- Cost estimates for construction, 1943
- Progress reports on Y-12 construction, 03/04/44-06/16/45
- University of California narrative and progress report, 05/43-06/46
- Y-12 construction progress reports, 1944-45

Box 87

- Status of Y-12 for March and August 1946 and mentions work done by Purdue, John Hopkins, and Brown
- Progress report of Y-12 for 1943
- Y-12 cost estimates, 1943
- Tennessee Eastman Corporation operation data, 1944

- Y-12 photographs, 1945-46
- Safety documents, 1945
- General and technical correspondence
- Visitor passes, 1945-46
- Reports on special hazards, 1945-46

- Clinton Engineering Works job descriptions
- Y-12 construction, includes drawings and blueprints, 1944

Box 90

- Y-12 construction, includes drawings and blueprints, 1944-45
- Blueprints of Y-12 buildings

Box 91

• Folders devoted to each building at Y-12, some include blueprints and building descriptions, 1943-45

Box 92

- Folders devoted to Y-12 buildings, 1943-45
- Field progress report, includes charts, graphs and blueprints, 1943

Box 93

• Folders devoted to buildings at Y-12, 1943-45

Box 94

- Folders devoted to buildings at Y-12, 1943-45
- Manhattan District road map status of construction at Oak Ridge, 07/31/43
- Miscellaneous drawings and general correspondence
- Topographical map, 06/43
- General Electric report on magnetic drive design for Fercleve corporation and includes blueprints and photographs
- Production summary charts, 1945
- Daily operation report of S-50, 1945
- Technical reports

Box 95

- Meetings in New York area, 1944-45
- Business documents for New York area
- Termination of contracts for New York area, 1944-45
- Telegrams from Berkeley to New York area

Box 96

- Miscellaneous documents from New York area
- Telegrams for New York area, 1944
- List of personnel with access to classified information

Box 97

New York area technical reports, 1944

- National defense file
- Safeguarding military secrets for New York area
- Most of this box is technical data and reports for New York area

- New York area drawings, technical and mechanical documents
- Engineering schedules for New York area, 1944-45
- New York area documents

Box 99

- Progress report for contracts in New York area, 1943
- New York area transfer of equipment, plastics, damages, and other mechanical topics

Box 100

- New York area chemicals gases and containers, 1945
- New York area proposed publications, 1944
- Construction chart, 04/14/45
- Operation and progress reports for 1944, New York area

Box 101

- K-25 progress reports, January 1945
- K-25 narrative and progress reports, 1943
- S-50 and K-25 power plant operations reports, includes drawings, early 1945
- Engineering progress reports for K-25, 1944-45
- Includes blueprints, charts and drawings for K-25, 1943

Box 102

- K-25 construction documents and reports for 1944
- Miscellaneous documents for New York area
- Business documents

Box 103

- Organizational chart and general information for Madison Square area
- List of intelligence officers in Manhattan District
- V-E day instructions
- Union activities for K-25, 1946-47
- Organizational chart for Manhattan District, 1944
- Disaster plan and security documents for K-25, 1946-48

- Photographs and negatives of Oak Ridge, 1943-45
- Report on silver program, 09/18/43

- Photographs of Oak Ridge and car wreck
- List of personnel with clearance, Roswell, New Mexico, 1947

- Roster of personnel in Manhattan District, 1947
- List of personnel with clearance
- Personnel list
- Documents concerning Military Police
- Miscellaneous correspondence

Box 106

- Guard reports for K-25, 1946
- Clearance status of personnel, 1945
- List of refugee scientists and information on foreign scientists, 08/29/44
- Miscellaneous photographs and clearance procedures
- Y-12 visitors, 1944-45

Box 107

- Identification procedure and list of personnel, 1945
- Identification buttons
- Civilian credentials for security passes and physical descriptions, 1947
- Employment check list, includes date of birth and social security numbers, 11/46-06/48
- Clearance for K-25, 1947
- List of POW's and FBI wanted posters, includes finger prints, 1944-45

Box 108

- Recruitment of civilian personnel to replace military personnel, 1946
- List of recommended civilian workers, March 1945
- Recruitment of officers, 1946
- List of officer personnel, 04/15/44
- Personnel clearance, 1944
- Personnel assignments, 1945
- Special assignments, 1946

Box 109

- Assignments for July and August, 1944
- Special assignments, January-August 1946
- Auxiliary military police correspondence, K-25, 1945
- Miscellaneous maps and blueprints
- Salaries for undercover agents

- Blueprints, charts and maps
- Organizational chart for Manhattan District, Richmond office, 04/30/45
- Chicago, Colorado, Santa Fe, Pasadena, Berkeley, Washington, and 4th service command, organizational chart
- Monthly narrative security report, 1945
- Miscellaneous correspondence and reports

- Guard reports, 1946-47
- Special security report for K-25, 05/01/45
- Weekly intelligence reports, 1944-46

Box 112

- List of officers and members of guard force, 1945
- X-10 security, monthly reports, 1946
- K-25 monthly security reports, 09/45-01/47
- List of officer personnel for Manhattan District, includes location and job title, February 1947
- National roster of scientific and specialized personnel, 1940-42
- Miscellaneous correspondence and reports

Box 113

- Security documents for K-25, 1947
- Itinerary for special committee visits to Oak Ridge, includes names of visitors, 02/14/46
- Vehicle registration cards for Oak Ridge, 1944
- Various manuals, one by the Department of Justice on detecting sabotage, 1947
- Safeguarding secret material documents

Box 114

- Chicago rail consolidation, late 1944
- Shipping memos, 1945
- Shipping documents, 1944-45

Box 115

- Shipment schedules and reports, 1945
- Shipping incidents and reports, included photographs, 1944
- Damage reports, 1943-44
- Security measures to safeguard shipments and other security coordination documents, 1945-46
- Subcontractor list and plant surveys fir Manhattan District, 1944

Box 116

• Security manual, 11/45

- Security correspondence and policies, 1942-45
- Security reports, includes photographs, maps and blueprints, 1044
- Contractor correspondence, 1944-45

- Security reports and reviews on various contractors
- Detailed maps of Tennessee, Georgia, Washington and New Mexico
- Security documents, 1943-44
- Clinton Engineering Works emergency plan, 10/22/46

Box 118

- Reports on Manhattan District contractors, includes monthly security narratives, 1944-45
- Documents regarding sabotage, 1943-44
- Security measures, 1944
- Manhattan District progress reports, 1945
- Documents concerning censorship, 1945
- Radio scripts, 1947
- Intelligence and security division conference, April 17-19, 1944
- Documents concerning entertainment and lectures, 1945-46

Box 119

- Folder with newspaper clippings, some concerning the atomic bomb, 1945
- Newspaper clips on atomic research, November-December, 1946
- List of contracts, 1946
- Organizational chart of security division and public safety of Manhattan District

Box 120

- Newspaper clippings of the atomic bomb, 1945
- Several copies of the manual for community club leader-Communist National Committee
- Engineering and Mining Journal, January 1947
- Various newspaper clips and publications

Box 121

- Documents concerning censorship, 1944-45
- Mill and Factory, November, 1944 (periodical)
- Miscellaneous publications and documents concerning government publications, 1944-45

Box 122

- Safeguarding military projects, 1944-45
- Security measures for protecting military secrets

- Security reports and survey schedules, 1944-45
- Safeguarding military information, loyalty questionnaire, 1945
- Safeguarding military information violations, 1944, Chicago area
- Safeguarding military information regulations, 11/27.43
- Protection of Y-12 water supply, 05/24/45
- Safeguarding military information reports from various offices, 1944

- List of contractors for various locations in Manhattan District
- Incendiary bomb report, 09/12.42
- Top secret accountability reports, March-July, 1945
- Safeguarding military information policy, 1943-46
- Cryptographic clearance letters, 1946
- Assignment of codes and symbols, 1947-48

Box 125

- Top secret accountability reports, March-July, 1944-45
- Destroyed documents, 1945-46
- Security education materials, 1943-45
- Safeguarding military information violations, 1945-46
- List of visitors, 1943-46

Box 126

- Visitor control, 1945-47
- Authority to authorize visits to K-25, includes a list of employees
- Alien visits 1945-46

Box 127

- Alien visits, 1946
- List of personnel: name, badge number and address
- Monthly narrative security report, 03/21/45-04/20/45
- Itinerary of Y-12 area with Robert Patterson and General Groves, 09/29/45
- Narrative security reports, 1945
- Maps of K-25 and K-27
- Disaster planning in Oak Ridge, 1951
- X-10 subcontracts, 1946
- Personnel clearance, 1947
- Personnel policy, 1944

- Inventory of Chicago area, 1943-45
- Miscellaneous War Department correspondence, 1944-46

- Correspondence for Argonne National Lab, 1943-45
- Correspondence for Brush Beryllium for September to October, 1945
- Miscellaneous correspondence for University of California, 1942-46
- Miscellaneous correspondence for Brown University, 1943
- Progress report and supplement by Dr. Charles A. Kraus, Brown University, 12/15/42
- Correspondence for British Supply and Air Commission, 1947-48

- Berkeley area correspondence, 1943-46
- Argonne National Lab correspondence for January-August 1943
- Summary report of Office of Scientific Research and Development contract, 08/14/43
- Summary report on Office of Scientific Research and Development contract, 08/07/43
- Correspondence for University of Iowa, 1943-44
- Weekly production reports for Harshaw Chemical, 1943-46
- Weekly production report for Hooker Electrochemical, 1943-45
- Illinois University contract, 1944
- Miscellaneous contract files
- Iowa State College correspondence, 1943-44
- International Uranium mining company and International Nickel contracts, 1944

Box 130

- Miscellaneous contract files
- Bureau of aeronautics correspondence, 1943-46
- Bureau of Mines correspondence, 1943-45
- Ohio State University contracts and correspondence
- Ohio State University bi-weekly technical reports, 1944
- Princeton university contracts and patents, 1944
- Purdue University contracts, 1943-46
- Safeguarding Military Information manual, 02/04/43
- Geological reconnaissance of certain mineral deposits in southwestern New Mexico, by Paul F. Dern, 03/24/43
- Personnel list of Africa, five installments, 1943
- New York area correspondence, 1943-45
- Raytheon manufacturing contracts, May-August, 1945

- Raytheon Manufacturing contracts, 1945
- Drawings and blueprints
- War Department records, test results, includes drawings and film negatives, 04/01/45
- Virto manufacturing correspondence, 1945-46
- Tennessee area correspondence, 1946
- American Cyanamid company correspondence, 1944-46

- Columbia University correspondence, 1944
- Fansteel Metallurgical corporation correspondence, 1945-46
- Columbia area correspondence, 1944-45
- Harshaw chemical correspondence, 1944-46
- Narrative of W.M. Hearon, 1944-46
- Correspondence addressed to General Groves, 1944

- Miscellaneous contract files
- Santa Fe area correspondence, 1946
- Chicago area correspondence, 1944-46
- Cleveland area correspondence, 1944-45
- Tennessee area correspondence, 1945-46
- General mail and correspondence, 1945
- Mallinkrodt chemical correspondence, 1944-46

Box 133

- Miscellaneous contract files
- Mallinkrodt chemical correspondence, 1943-45
- Iowa State College correspondence, 1945-46
- Iowa State University progress reports on contracts, January 1946
- John Hopkins University correspondence, 1943-46
- K-25 correspondence, 1946
- Electro-Metallurgical company area plant monthly report, 1945-46

Box 134

- Miscellaneous contract files, includes drawings and blueprints
- Columbia University financial statements, 06/30/46
- Columbia University monthly accounting reports, 1944-45
- Kellex meeting, 1944-45
- Electo-Metallurgical area plant monthly reports July 1943-August 1945

Box 135

- Miscellaneous contract files, includes progress reports and blueprints
- National Bureau of Standards report on meeting to discuss measurement of radium in ores and sludges, 01/24/46
- Linde Air products correspondence, 1948-49
- Lind Air contract diary, 1946
- Jackson Lab weekly progress report 1943-44
- John Hopkins production reports, 1943

- Miscellaneous contract files
- Linde Air production reports, 1943
- Iowa State College production reports, 1945-46
- Chicago area correspondence, 1945-46
- Columbia area and University correspondence, 1943-46
- Chicago University scientific data, 1943-46
- Chicago area tests, 1943

- Miscellaneous contract files
- Chicago University correspondence, 1944-45
- Chrysler Corporation correspondence, 1943-44
- Columbia area correspondence, 1945
- Harshaw Chemical production reports, 1944-45
- Hooker Corporation correspondence, 1943-35

Box 138

- Miscellaneous contract files
- Hooker Corporation correspondence, 1944-45
- Hooker weekly production reports, 1944-45
- Shipping memos and miscellaneous correspondence, 1944-45
- Hooker production report, 1945
- Short personnel record for H.K. Ferguson company, 1943
- Tonawanda area correspondence, 1942, 44, 47
- Tennessee area correspondence, includes blueprints, 1945

Box 139

- Miscellaneous contract files
- Tonawanda area correspondence, 1946
- Rochester area correspondence, 1944-46
- Los Alamos area correspondence, 1946
- Santa Fe area correspondence, 08/12/47
- St. Louis area correspondence, includes two visitor passes, 1945

Box 140

- Weekly production reports for various factories and manufacturers, 1944
- Tonawanda correspondence, includes blueprints, 1944
- General contract files
- War production board correspondence, 1942-44
- Weekly production reports, 1944

Box 141 (no box designated #141 upon transfer, material probably added and box 182 included instead)

- Madison Square area accountability reports for November, December and January 1943-44
- Miscellaneous progress reports, 1945
- Madison Square area reports, 1944
- Diary of Beryllium, 09/06/45
- Quarterly cost reports for Madison Square area, December 1944
- General contract files
- Monthly reports from research division, 1945-47
- Clinton lab correspondence, includes blueprints, 1943-44, 46

Box 143

- General contract files
- Hanford Engineering Works correspondence, 1943-46

Box 144-150 were not available at the time this finding aid was created – see dossier Boxes 145-151 contain A award documentation

Box 151

- Miscellaneous contract files, includes a list of names and addresses of employees, 1945-46
- Iowa State College contract file, includes a list of employees and addresses, 10/45
- John Hopkins University contract file, 09/45
- DSM project files
- Some contract files deal with atomic bomb research
- A-Award letters

Box 152

- DSM project files, 1943
- Area maps
- Cost reports, 1945
- Contract list for Stone and Webster, 1945

Box 153

• DSM project files, 1945

- DSM project files, 1945-46
- Contract files and correspondence, 1945-46
- List of employees and letters to individuals concerning contracts
- Stone and Webster construction report, Oak Ridge, 09/14/42
- Fee estimate, 1943-44

- Minutes of conference, 1943-45
- Contract files and correspondence, 1943-45
- Cost estimates, 1944
 - Stone & Webster contract

- Fee estimates, 1944
- DSM project file, 1944
- Y-12 expansion, 1945
- General correspondence, 1943-45

Box 156

- Contract completion reports, 1946
- DSM files, 1942, 44
- High government correspondence, 1942-43
- General correspondence, 1945

Box 157

- DSM project files, 1944
- Field progress reports concerning construction of Y-12, September and August 1943, includes maps of the area

Box 158

- DSM project files
- Field progress reports concerning construction of Y-12 for May and June 1943
- Preliminary report on site examination in Boston area, includes maps of the area, 02/02/45
- Field progress reports concerning construction of Y-12, October and November 1943 and January through May 1944
- Organizational chart for Oak Ridge, 1945
- General contract files

Box 159

- DSM project files, 1943
- Contract files and topographical maps, 02/43
- Oak Ridge payroll, 1944-46

- General correspondence, 1945-47
- Manhattan District history, Book I, volume 9-priorities program
- Manhattan District history, Book I, volume 10-land acquisition
- Manhattan District history, Book I, volume 12-general facilities, photographs of houses, hutments, apartments, dorms, facilities, etc. with titles

• Manhattan District roster of scientific and key personnel, 06/30/46

Box 161

- Special Engineer Detachment, yearbook, Oak Ridge, 1945
- Manhattan District history, Book I volume 7-medical program
- General correspondence, 1947, 49
- Manhattan District history, Book I, volume 5-fiscial procedures, includes organizational chart, 11/15/47
- History of Oak Ridge National Lab: 1943-63, rough draft by W.E Thompson, 08/23/63
- Construction directory for Manhattan District, 06/30/46

Box 162

- Manhattan District history, Book IV-pile project, volume 2, Research and Development
- General correspondence, includes some photographs, 1948
- Manhattan District history Book V-Electromagnetic project, volume 1, general features
- Manhattan District history, Book V, volume 2, research
- Manhattan District history, Book V, volume 3, design, includes photographs
- Manhattan District history, Book V, volume 4, silver program

Box 163

- Manhattan District history, Book VII-Feed Materials, Special Procurement, and Geological Exploration, volume 1
- Purchase orders, 1944-45
- Manhattan District history, Book V-Electromagnetic project, volume 5, construction
- Manhattan District history, Book V, volume 6, operation, includes photographs
- Manhattan District history, Book V, volume 1, general features, includes photographs

Box 163 (2)-There are two boxes labeled "163" in this series and the second on is labeled with a "2"

- Application for deferment or exemption, 03/16.44-07/31/44
- Special Engineer Detachment file, 1945
- Military strength at Oak Ridge, 1945

Box 164

- Guide cards for distribution of code letters, 1942-44
- Miscellaneous contract files
- Brush Beryllium company code letters, 1943-46
- Columbia University purchase orders, June 1944

- Miscellaneous contract files
- DuPont code letters, 1944
- Miscellaneous contract and contractor files, 1943-48

• Purchase orders

Box 166

• Miscellaneous contract files, contractor code letters

Box 167

- Miscellaneous contract files
- Files on radium, instruments, safety, carbon and special fluorides, 1948
- History report of Clinton Engineering Works, 1943-45

Box 168

- Roll of magnetic tape film, possibly blank
- History report of Clinton Engineering Works and Tennessee Eastman Corporation, 1945-47

Box 169

• Miscellaneous correspondence, 1946-48, mostly handwritten and telegraphs

Box 170

• Miscellaneous correspondence, handwritten and telegraphs, 1944

Box 171

- General correspondence, 1943-47
- Manhattan District semi-monthly field reports, 1943
- Special military personnel in Manhattan District, roster, 06/15/43

Box 172

- Revocation of authority, 1944-46
- Delegation of authority, 1946
- General correspondence form various offices of Manhattan District, 1944-46

Box 173

- General correspondence from various offices in Manhattan District, 1944-46
- Designation of authority, 1944-46
- Organizational chart of recreation and welfare association, Oak Ridge, 06/01/45

Box 174

- Miscellaneous contract files, 1943-46
- Office of Scientific Research and Development contracts, plus some in association with University of California and Iowa State College

Box 175

Miscellaneous contract files, 1943-45, reports and cost reports

Miscellaneous reports and contract files, 1943-44

Box 176

• see dossier – full folder title list

Box 177

- General correspondence for Clinton Engineering Works, 1944
- Miscellaneous contract files, 1944

Box 178

• Miscellaneous contract files, 1943-44

Box 179

• Miscellaneous contract files, reports and cost reports, 1944

Box 180

• Miscellaneous contract files, reports and cost reports, 1944-45

Box 181

- Completion reports portion of town site planning, 09/09/44
- Plan for transfer of responsibilities and functions of the Manhattan District to the Atomic Energy Commission
- Miscellaneous contract files, 1946
- Historical record report-Garfield plant. 01/15/46
- Completion report of TNX area in Manhattan District, 01/25/43-04/01/44
- DSM chronology files, June, July, 1944 and January through April, 1943
- Manhattan District telephone calls, 1942-45

- Historical of Chambers Works Special Construction, 1942-43
- Monthly reports for Oak Ridge, 1943-45
- Completion report for Chambers Works Plant, Wilmington area, 11/44
- DSM reports, 1943-46
- Reports from Hanford area, 1943-46