



Department of Defense
Radiation Experiments Command Center
6801 Telegraph Road
Alexandria, Virginia 22310-3398

APR 26 1995

MEMORANDUM FOR THE RECORD

SUBJECT: Records Review, Edgewood Arsenal, Maryland

A review of records holdings at Edgewood Arsenal was conducted to identify, collect and arrange for necessary declassification of all documentation related to human radiation experiments. The review was conducted on Chemical & Biological Defense Command (CBDCOM) records at the CBDCOM Historical Office and Technical Library, and CBDCOM and Medical Research Institute for Chemical Defense (MRICD) records at the Edgewood Area Records Holding Area (EA/RHA).

The RECC personnel involved in the records review were the following:

COL Claud Bailey, Jr., Deputy Director, RECC
Ellen Ziegler, Research Manager
Dave Bouve, Records and Information Systems Manager
Darryl Aaron
Tom Acri, Jr.
Tammy-jean Asencio
Shelley Mennella
Brian Thompson

Tab A provides specific technical information about the search. Tab B provides a list of Points of Contact for the records search at Edgewood Area. Tabs C - I contain the detailed results of the search.

cc w/o attachments:

Col. Bailey
Rosemary Gordon
Ellen Ziegler

Tab A

Report of Research Trip to Edgewood Area, Aberdeen Proving Ground, MD

Record holding areas examined by DoD RECC staff:

A. Office of the Command Historian, Corporate Information Office, Chemical & Biological Defense Command (CBDCOM)

Main Room:

- 18 Filing Cabinets containing approximately 225 linear feet of records.
- Approximately 100 linear feet of materials on bookcase shelves.

See Tab C for a listing of all files identified in this record holding area.

Higher Command Room:

- 36 Filing Cabinets containing approximately 445 linear feet of unclassified and previously declassified records.

See Tab D for a listing of all files identified in this record holding area.

Edgewood Room:

- 29 Filing Cabinets containing approximately 445 linear feet of unclassified and previously declassified records.

See Tab E for a listing of all files identified in this records holding area.

Classified Records Room:

- 18 safes containing approximately 216 linear feet of classified (S-RD and below) records.

See Tab F for a listing of all files identified in this records holding area.

B. CBDCOM Technical Library, Corporate Information Office, CBDCOM

An estimated 95% of the Library's holdings are accessible through the Defense Technical Information Center (DTIC). In early 1994 DTIC completed a search of its holdings for documents related to HRE. Because the CBDCOM Libraries holdings were for the most part searched as a result of this earlier search, an on-line search of the Library was not conducted in order to avoid duplication of actions already completed by other DoD entities. Effort was

focused on reviewing the collections that were not accessible through DTIC. RECC researchers reviewed two specific segments of the Library's holdings: bibliographies and project reports.

1. In response to the initial Departmental instruction to review all repositories for records related to human radiation experiments, the staff reviewed two bibliographies of radiological related documents:

| <u>DTIC #</u> | <u>Title</u> |
|---------------|---|
| AD 845656 | Bibliography, with Abstracts, of Reports of US Army Nuclear Defense Laboratory, June 1965 to July 1968, dated December 1968 |
| AD 366621 | Bibliography, with Abstracts, of Reports of US Army Nuclear Defense Laboratory, October 1961 to June 1965, dated October 1965 |

Prior to the arrival of the RECC staff, the Library staff cross-referenced the bibliographies listings with the Libraries holdings. Approximately 12 linear feet of technical reports were identified. All matches were withdrawn and reviewed for HRE-related material. RECC researchers reviewed these documents and identified X records as relevant to the HRE search.

2. The CBDCOM Technical Library possesses a collection of project reports for various studies conducted under contract to the Federal Government (these records are referred to as the ETF-760 series). This collection measures approximately 20 linear feet of records. Mixed in with these records were several documents related to atmospheric nuclear weapons tests.

See Tab G for an unclassified listing of all ETF-760 series records identified at the CBDCOM Technical Library.

C. Edgewood Area Records Holding Area (EA/RHA)

Edgewood Area maintains a large records holding area. The RHA is responsible for maintaining records for all base activities. The EA/RHA contains approximately 9,000 boxes.

After discussions with records management and individuals identified as human radiation experiment points of contact, two specific activities were targeted by RECC Researchers; accessioned records from CBDCOM and the Medical Research Institute for Chemical Defense (MRICD). Transmittal forms (SF-135s) for accessioned records were reviewed. Ten accessions of unclassified CBDCOM records and one classified and one unclassified accession from MRICD were reviewed.

See Tab H for a listing of all records identified at the EA/RHA classified records vault.

See Tab I for a listing of all records identified at the EA/RHA unclassified records warehouse.

Tab B

**Points of Contact for HRE Review at Edgewood Area,
Aberdeen Proving Ground, MD**

Command Historian, Corporate Information Office, CBDCOM

Mr. Jeffrey Smart
US Army CBDCOM
AMSCB-CIH
Aberdeen Proving Ground, MD 21010-5423
(O) 410/ 671-8459
(F) 410/ 671-1982

CBDCOM Security Officer

Ms. Sharon Ringold
Edgewood Research, Development & Engineering Center
ATTN: Counter-Intelligence Office
Aberdeen Proving Ground, MD 21010-5423
(O) 410/ 671-8476
(F) 410/ 671-5018

CBDCOM Technical Library

Mr. Ed Gere
410/671-2884

CBDCOM Records Manager

Ms. Elaine Macko
Records Systems Division, Corporate Information Office
(O) 410/671-2126

CBDCOM Assistant Records Manager

Ms. Diane L. Hawver
Records Systems Division, Corporate Information Office
(O) 410/671-2295

MRICD Public Affairs Officer

Mr. Lloyd Roberts
(O) 410/671-3628

MRICD Freedom of Information Act Officer

Mr. John Blische
(O) 410/671-3948

Edgewood Area Records Holding Manager

Ms. Jean Rowe
(O) 410/ 671-3580
(F) 410/ 671-2162

Tab C**Files Identified in the Command Historical Office, CBDCOM****HOLDING AREA:** Main Office

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|-------------------------|------------------------|---|
| A | 4 | 870-5A Inspector General Report, Volunteers in Chemical Agent research, 1975 |
| A | 4 | Volunteers for Test Purposes, 1943 |
| A | 4 | 870-5A Comments and Authorizations Regarding Physiological Testing Using Humans at Edgewood Arsenal, 1937 |
| 19 | 2 | The Medical Laboratories of the Army Chemical Corps & Their Research Activities, January 1955 |
| 19 | 2 | Research & Development Division, OCCmIO, Historical Report, 1 October - 31 December 1954 |
| 63 | 4 | Radiological Supplement: Chemical Corps Quarterly Technical Progress Report Annex 2, 1 October 1948 |
| 63 | 4 | Radiological Supplement: Chemical Corps Quarterly Technical Progress Report Annex 2, 1 April 1949 |
| 63 | 4 | Radiological Supplement: Chemical Corps Quarterly Technical Progress Report Annex 2, 1 January 1949 |
| 63 | 4 | Radiological Supplement: Chemical Corps Quarterly Technical Progress Report Annex 2, 1 July 1949 |
| 63 | 4 | Panel to Investigate Safety of Civilian Population from Tests of RW Agents, 1949 |
| 63 | 4 | RW Research, 1949 - 1950 |
| 63 | 4 | Assignment of R&D Cognizance for RW, 1949 |
| 67 | 1 | Human Volunteers Testing of XM40 Mask Program |
| 67 | 2 | Tripartite Conference Meeting Minutes, July 1956 |

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|--------------------------|------------------------|---|
| 67 | 2 | Tripartite Conference 46th Meeting Minutes, February 1961 |
| 67 | 2 | Tripartite Conference 57th Meeting Minutes |
| 67 | 2 | Tripartite Conference 58th Meeting Minutes, December 1962 |
| 67 | 2 | Tripartite Conference 77th Meeting Minutes |
| 55 | 1 | Newspaper and magazine articles, undated/1900s - 1959 |
| 55 | 2 | Newspaper and magazine articles, 1950s - 1970s (1974) |
| 55 | 3 | Newspaper and magazine articles, 1975 - 1984; Misc. from 1960's |
| 55 | 4 | Newspaper and magazine articles, 1980s |
| 55 | 5 | 1985 - 1989 |
| 70 | 1 | 870-5A, Chem Warfare Org. & Policy in Post-War 1946 |
| 27 | 2 | 870-5A, 8 February 1951, Controlled Materials Plan |
| <u>Bookcase #</u> | <u>Shelf #</u> | <u>File Description</u> |
| 2 | 5 | Armed Forces Chemical Journal - "Mock A-Bombs" January 1953, Vol. 6, #3, p. 30 |
| 2 | 5 | Armed Forces Chemical Journal - "You and Atomic Warfare" April 1953, Vol. 6, #4, p. 34 - 37 |
| 2 | 5 | Armed Forces Chemical Journal - "Atomic Fuel Horizon" July 1953, Vol. 1, p. 46 - 48 |
| 2 | 5 | Armed Forces Chemical Journal - "Civilian . . ." Oct. 1953 Vol. 7, #2, p. 8 - 11 |
| 2 | 5 | Armed Forces Chemical Journal - "Crossroads Abel & Baker" October 1946, p. 46 - 57 |

| <u>Bookcase #</u> | <u>Shelf #</u> | <u>File Description</u> |
|--------------------------|-----------------------|---|
| 2 | 5 | Armed Forces Chemical Journal - "Chemistry . . . Atomic Energy" April 1947, p. 13 - 15 |
| 2 | 5 | Armed Forces Chemical Journal - "Research & Engineering Command" April 1952, p. 44 - 47, 56 |
| 2 | 5 | Armed Forces Chemical Journal - "Chem. Corps in R/D" July 1952, p. 13 - 15, 47 |
| 2 | 5 | Armed Forces Chemical Journal - "Field Services" July 1952, p. 20 - 23 |
| 2 | 5 | Armed Forces Chemical Journal - "Questions/Answers" July 1952, p. 28 - 29, 57 |
| 2 | 5 | Armed Forces Chemical Journal, October 1952, p. 34 - 39 |
| 2 | 5 | Armed Forces Chemical Journal - "CBR Instruction for Higher Command" Jan. - Feb. 1955, p. 34 - 35 |
| 2 | 5 | Armed Forces Chemical Journal 1955 - "Science an National Power" March - April 1955, p. 10 - 14, 26, 28 |
| 2 | 5 | Armed Forces Chemical Journal 1955 - "Radioactive Fallout" March - April 1955, p. 43 - 44 |
| 2 | 5 | Armed Forces Chemical Journal 1955 - "R&D Chem. Corps. . . Projects" May - June 1955, p. 18 |
| 2 | 5 | Armed Forces Chemical Journal 1955 - "What The Chem. Corps is Doing. . ." July - Aug. 1955, p. 12 - 16 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "General Stubb's New York Speech" Jan. - Feb. 1959, p. 8 - 13 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "Defense Chemistry" March - April 1959, p. 20 - 27 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "McClellan Hears Talk. . ." May - June 1959, p. 2 |

| <u>Bookcase #</u> | <u>Shelf #</u> | <u>File Description</u> |
|-------------------|----------------|--|
| 2 | 5 | Armed Forces Chemical Journal 1959 - "CBR - A Power for Peace" May - June 1959, p. 8 - 10 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "Defense Chemistry . . ." May - June 1959, p. 28 - 30, 35 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "Congressional Committee Hearing on CBR" July - Aug. 1959, p. 18 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "Chem corps Team Teaches Radiological Safety" July - August 1959, p. 11 |
| 2 | 5 | Armed Forces chemical Journal 1959 - "Scattered Radiation Field Experiment" July - August 1959, p. 32 - 33 |
| 2 | 5 | Armed Forces Chemical Journal 1959 - "Handkerchief or Turkish Towel . . ." September - October 1959, p. 6 |
| 2 | 5 | Armed Forces Chemical Journal 1956 - "Biological Effects of Atomic Radiation" July - August 1956, p. 25 |
| 2 | 5 | Armed Forces Chemical Journal 1956 - "Molecules - Military & Civilian" July - August 1956, p. 28 - 30 |
| 2 | 5 | Armed Forces Chemical Journal 1956 - "Rad Defense Contract for univ. of Cal." July - August 1956, p. 30 |
| 2 | 5 | Armed Forces Chemical Journal 1956 - "Public Health Service Civil Defense Program" July - Aug. 1956, p. 52-54 |
| 2 | 5 | Armed Forces Chemical Journal 1956- "Executive Development in Chem. Corps" Sept. - Oct. 1956, p. 16 - 17, p. 34, p. 36 |
| 2 | 5 | Armed Forces Chemical Journal 1957- "Toxicological Warfare" Jan. - Feb. 1957, p. 16 - 17 |
| 2 | 5 | Armed Forces Chemical Journal 1957 - "Would CBR Strength Aid in Deterring" May - June 1957, p. 16 - 26, 27 |
| 2 | 5 | Armed Forces Chemical Journal 1958 - "Atoms, Electrons, & Protons . . ." March - April 1958, p. 12 - 14, 16, 23 - 25 |

| <u>Bookcase #</u> | <u>Shelf #</u> | <u>File Description</u> |
|--------------------------|-----------------------|---|
| 2 | 5 | Armed Forces Chemical Journal 1958 - "CBR Attack By Invisible Invaders" March - April 1958, p. 18 - 21 |
| 2 | 5 | Armed Forces Chemical Journal 1958 - "Food Irradiation at Dugway Proving Ground" May - June 1958, p. 36 |
| 2 | 5 | Armed Forces Chemical Journal 1958 - "Chemical" July - August 1958, p. 28,29,43 |
| 2 | 5 | Armed Forces Chemical Journal 1958 - "Chem Corps School Specialty . . ." Sept. - Oct. 1958, p. 8 - 9 |
| 2 | 5 | Armed Forces Chemical Journal 1963 - "Moral Aspects of CBR Warfare" June 1963, p. 5, 6, 8, 10, 11 |
| 2 | 5 | Armed Forces Chemical Journal 1963 - "On the Acceptability of a Device as a Weapon" Sept. 1963, p. 14, 15, 26 |
| 2 | 5 | Armed Forces Chemical Journal 1964 - "The Road Chemical Operations Sergeant . . . A Boost for CBR" June 1964, p. 8 - 11 |
| 2 | 5 | Armed Forces Chemical Journal 1964 - "Principal Organizations Having CBR Missions" June 1964, p. 14 - 16 |
| 2 | 5 | Armed Forces Chemical Journal 1964 - "Chemical Pre-protection Against Ionizing Radiation" September 1964, p. 3 - 7 |
| 2 | 5 | Armed Forces Chemical Journal 1964, September 1964, p. 16, 37 - 38 |
| 2 | 5 | Armed Forces Chemical Journal 1954 - "Message . . . Radiological Warfare" March - April 1954, p. 8 |
| 2 | 5 | Armed Forces Chemical Journal 1954 - "Chem Corps Interest in Disaster" May - June 1954, p. 29 - 31 |
| 2 | 5 | Armed Forces Chemical Journal 1954 - "Atomic Defense Training at Chem . . ." Sept. - Oct. 1954, p. 8 - 12, 33 |

| <u>Bookcase #</u> | <u>Shelf #</u> | <u>File Description</u> |
|-------------------|----------------|---|
| 2 | 5 | Armed Forces Chemical Journal 1954 - "Economic Consequences of Atomic Attack" Sept. - Oct. 1954, p. 13 - 17 |
| 2 | 5 | Armed Forces Chemical Journal 1954 - "Industrial Uses of Radioisotopes" Sept. - Oct. 1954, p. 22 - 25 |
| 2 | 5 | Armed Forces Chemical Journal 1960 - "U.S. Army Chem Corps Radiological Unit" Jan. - Feb. 1960, p. 8 - 10 |
| 2 | 5 | Armed Forces Chemical Journal 1960 - "Atomic Reactors for Omaha VA Hospital" Jan. - Feb. 1960, p. 29 |
| 2 | 5 | Armed Forces Chemical Journal 1960 - "Radiological Safety and Chem Corps School" March - April 1960, p. 18 - 19 |
| 2 | 5 | Armed Forces Chemical Journal 1960 - "Nuclear Energy..." May - June 1960, p. 30 - 33, 36 |
| 2 | 5 | Armed Forces Chemical Journal 1960 - "Chem Corps Rad Team . . . 3rd Party Exercise" May - June 1960, p. 38 |
| 2 | 5 | Armed Forces Chemical Corps Journal 1960 - "Chem Corps Expands R&D" July - August 1960, p. 10 - 11 |
| 2 | 5 | Armed Forces Chemical Corps 1960 - "Relative Effects of CBR Weapons" July - August 1960, p. 36 |
| 2 | 5 | Armed Forces Chem Corps 1960, Nov.-Dec. 1960, p. 14-19 |
| 2 | 5 | Armed Forces Chemical Journal, July 1948, Vol. III, p. 36, Technical |
| 2 | 5 | Armed Forces Chemical Journal, October 1948, p. 51,52, Key Personnel |
| 2 | 5 | Armed Forces Chemical Journal, January 1949, p. 51, 52, Key Personnel |
| 2 | 5 | Armed Forces Chemical Journal, April 1949, p. 4 - 7, Atomic Energy |

| <u>Bookcase #</u> | <u>Shelf #</u> | <u>File Description</u> |
|--------------------------|-----------------------|---|
| 2 | 5 | Armed Forces Chemical Journal, April 1949, p. 8 - 9, R&D |
| 2 | 5 | Armed Forces Chemical Journal, July 1949, p. 18-19, 38, p. 40, A-Bomb & Radiation |
| 2 | 5 | Armed Forces Chemical Journal, July 1950, p. 22, AE Indoctrination |
| 2 | 5 | Armed Forces Chemical Journal, July 1950, p. 29, Key Personnel |
| 2 | 5 | Armed Forces Chemical Journal, July 1950, p. 30 - 32, Trends in R&D |
| 2 | 5 | Armed Forces Chemical Journal, January 1951, p. 44, Key Personnel |
| 2 | 5 | Armed Forces Chemical Journal, January 1951, p. 2 - 3, Editorial |
| 2 | 5 | Armed Forces Chemical Journal, April 1951, p. 3, 54-56 Gas Warfare |
| 1 | 1 | CBR Training Circular |
| 2 | 1 | Radiation Fallout Predictions |
| 2 | 2 | Armed Forces Chemical Journal, April 1953, p. 17 |
| 2 | 2 | Armed Forces Chemical Journal, Jan. - Feb. 1958, p. 18-21 |
| 2 | 2 | Armed Forces Chemical Journal, Nov. - Dec. 1957, p. 14 pp, Isotopes |
| 2 | 2 | Armed Forces Chemical Journal, Nov. - Dec. 1957, p. 24 |
| 2 | 2 | Armed Forces Chemical Journal, May - June 1956, p. 8 |
| 2 | 2 | Armed Forces Chemical Journal, July - August 1957, p. 41 |
| 2 | 4 | Chemical Warfare Bulletin, April - May 1944, #30, p. 33 |
| 4 | 5 | Basic Policy Guide (selections) |

Tab D

Files Identified in the Command Historical Office, CBDCOM

HOLDING AREA: Higher Command Room

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|-------------------------|------------------------|---|
| 5 | 2 | Summary of Historical Record of Chemical Corps Board, July - December 1947 |
| 5 | 2 | 870-5A History of Chemical Corps, 1947 |
| 5 | 2 | Recommendations of Research Council Meetings at Army Chemical Center, 1947 |
| 5 | 2 | Recommendations of Research Council Concerning Field Testing Stations, 1947 |
| 5 | 2 | Agenda for ACS Committee, 14 April 1947 |
| 5 | 2 | Organization for R&D in the War Department (Outline of Talk by LTCOL Rothschild to Research Council of the Chemical Corps Advisory Board (EA) |
| 5 | 2 | 16 Chemical Corps Advisory Board, 1948 |
| 5 | 2 | Research Council Meeting, 1948 |
| 5 | 2 | History of R&E Division, January - June 1947 |
| 5 | 2 | Chemical Corps Board Historical Reports, 1948 |
| 5 | 2 | 870-5A Chemical Corps Supply Activities Organization Chart, 1949 |
| 5 | 2 | Summary of Historical Record of Chemical Board, January - June 1949 |
| 5 | 2 | Historical Reports, 1949 - 1950 |
| 5 | 3 | Recommendations of Research Council, Result of 17 - 19 February 1949 Meeting |
| 5 | 3 | Minutes of Research Council Meeting, 1949 |

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|-------------------------|------------------------|---|
| 5 | 4 | Participation in Maneuver Desert Rock, 1951 |
| 5 | 4 | Historical Report, R&D Division, OCCmLO, October 0 December 1951 |
| 5 | 4 | Historical Reports, R&E Command, 1951 |
| 5 | 5 | 511.1 Chemical Corps R&D Program (FY1952) |
| 5 | 5 | Historical Report, R&D Division, OCCmLO, January - December 1952 |
| 6 | 1 | Historical Reports, R&E Command, January - June 1953 |
| 6 | 1 | Historical Reports, R&E Command, January - June 1953 |
| 6 | 1 | Historical Reports, R&E Command, July - September 1953 |
| 6 | 1 | Historical Reports, R&E Command, April - June 1954' |
| 6 | 1 | Unmarked File Containing Quarterly Reports (Last File in Drawer) |
| 6 | 3 | Target Date for St. Jo Program, 1955 |
| 66 | 2 | 1304-15 Tech Report Ref Files; EASP 1800-2 CML AST in DoD Contracts |
| 78 | 3 | Human Testing 1983. Use of Human Subjects in Research |
| 78 | 3 | Human Experimentation Under Army Cognisance 1953 - 1970 |
| 78 | 3 | Data on Testimony Involving Humans |
| 78 | 3 | Army Chemical Warfare Laboratory. Report on the Medical Research Volunteer Programs, June 1958 |
| 76 | 1 | 511.52 Dugway: Chem Corps Desert Team, Yoma, AZ 27 June 1955 |
| 76 | 1 | CBR Weapons Courses (RW), Dugway |

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|-------------------------|------------------------|--|
| 76 | 1 | Dugway Organization Manual |
| 76 | 1 | Report of Interagency Ad Hoc Advisory Committee for Review of Testing Safety at Dugway |
| 76 | 1 | Correspondence File (has Historical Reports) |
| 76 | 1 | Site Survey File: Permanent Proving Ground 31 May 1949 |
| 76 | 1 | Justification for CEBAR Proving Establishment (RW Testing) |
| 76 | 1 | Test Recommendations File: Ltr. 21 Feb 1951 to M.G. McAuliffe from W.A. Noyes |

Tab E

Files Identified in the Command Historical Office, CBDCOM

HOLDING AREA: Edgewood Room

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|-------------------------|------------------------|---|
| 33 | 1 | 511.6 Historical Report, July 1965 - June 1966 |
| 33 | 2 | 511.6 Historical Report, (EA), FY1966 |
| 40 | 1 | Unmarked File: Quarterly Historical Report (CmlC) January - March 1960 |
| 40 | 1 | 511.6 Quarterly Historical Reports, July - September 1960 |
| 40 | 1 | 511.6 Quarterly Historical Reports, October - December 1960 |
| 40 | 1 | 511.6 Quarterly Historical Reports, January - March 1961 |
| 40 | 1 | 511.6 Quarterly Historical Reports, April - June 1961 |
| 40 | 1 | 511.6 Quarterly Historical Reports, July - September 1961 |
| 40 | 1 | 511.6 Quarterly Historical Reports, October - December 1961 |
| 40 | 2 | Chemical Research & Development Laboratory, Quarterly Historical Report, October - December 1961 |
| 40 | 2 | Historical Reports, 1960 - 1961, Headquarters Army Chemical Center & Chemical Corps Material Command |
| 40 | 2 | Historical Reports, 1962 - 1963 |
| 40 | 3 | 511.6 Historical Reports, April - June 1962 |
| 40 | 3 | Historical Reports, January - March 1962 |
| 40 | 3 | Historical Reports, July - September 1962 |
| 40 | 3 | Organization CBR Agency, 1962 |

| <u>Cabinet #</u> | <u>Drawer #</u> | <u>File Description</u> |
|-------------------------|------------------------|--|
| 41 | 2 | 511.6 Historical Office Summary History, FY1975 |
| 38 | 5 | 511.6 Historical Reports 1954 Historical Reports Chemical Logs 1954 Board |
| 12 | 3 | Edgewood Proving Ground Hist Reports, 1946 - 1948 |
| 12 | 3 | Edgewood Proving Ground Hist Reports, 1949 - 1950 |
| 12 | 3 | Edgewood Proving Ground Hist Reports, 1951 |
| 12 | 3 | Nuclear Defense Laboratory, March 1961 |
| 78 | 3 | 870-5A Holmsburg Prison Medical Study, 1956-1968 |
| 78 | 3 | Pamphlet: Evolution . . . Medical Research Volunteer Program |
| 78 | 3 | Project Whitecoat |
| 38 | 4 | 511.6 Army Chem Center Hist Reports, April - June 1952 |
| 38 | 4 | 511.6 Historical Office Summary, FY53 |
| 38 | 5 | 511.6 Historical Reports, April - June 1954 870.5A Organizational Manual |
| 38 | 5 | 511.6 Historical Reports, 1954 |
| 38 | 5 | Historical Reports Chem Corps Board, 1954 |
| 12 | 3 | Edgewood Proving Ground Historical Reports, 1946 - 1948 |
| 12 | 3 | Edgewood Proving Ground Historical Reports, 1949-1950 |
| 13 | 3 | Edgewood Proving Ground Historical Reports, 1951 |
| 12 | 3 | Nuclear Defense Lab, March 1961 |
| 12 | 3 | History of Radiological Work |
| 55 | 1 | Death Sand article from periodical |

Tab F**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 1 | 1 | Research Council Meetings 1946 - 1948 |
| 1 | 1 | Meeting of the American Chemical Society, 1947 - 1948 |
| 1 | 1 | Meetings of the Subcommittee on Medical & Related Problems, Research Council, 1947 - 1948 |
| 1 | 2 | Panel on Programs: Orientation Material, 6-7 January 1949 |
| 1 | 2 | Developments Policy for Special Project, 1949 |
| 1 | 2 | Chemical Corps R&D Project Program, FY1949 |
| 1 | 3 | Chemical Corps R&D Program Vol. III, FY1950 |
| 1 | 3 | Chemical Corps R&D Program Vol. II, FY1950 |
| 1 | 3 | Summary of Important Events & Activities in R&E Division., 30 June - 8 August 1950 |
| 1 | 3 | Specially Classified RW Projects in the FY51 Project Program, Dtd: 26 April 1950 |
| 1 | 3 | Radiological Warfare, 1950 |
| 1 | 3 | Chemical Corps R&D Progress Report [Semiannual], 30 June 1950 |
| 1 | 3 | TS Annex to Chemical Corps R&D Progress Report [Semiannual], 30 June 1950 |
| 1 | 3 | Chemical Corps RW Program - 1950 |
| 1 | 4 | Chemical Corps R&D Progress Report, 31 December 1951 |
| 1 | 4 | TS Annex to Chemical Corps R&D Progress Report, 31 December 1951 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBD COM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|--|
| 1 | 4 | Chemical Corps R&D Program Directive & Policy Guide, 1 September 1950 |
| 1 | 4 | Chemical Corps Advisory Council Meeting, 5 May 1951 |
| 1 | 5 | Chemical Corps R&D Progress Report, 30 June 1952 |
| 1 | 5 | Chemical Corps Advisory Council Meeting, 6 - 8 March 1952 |
| 1 | 5 | TS Annex to Chemical Corps R&D Progress Report, 30 June 1952 |
| 2 | 1 | Historical Report, R&D Division, OCCmIO |
| 2 | 2 | Estimate of CBR Situation, 1954 |
| 2 | 3 | Chemical Corps Annual R&D Report, Vol. I, 31 December 1955 |
| 2 | 3 | Meeting of the American Chemical Society Advisory to the Chemical Corps, 28 - 29 April 1955 |
| 2 | 3 | 511.2 Estimate of CBR Situation, 1 October 1955 |
| 2 | 4 | Chemical Corps Consolidated R&D Annual Project Report, Edition A, 31 December 1956 |
| 2 | 4 | Estimate of CBR Situation, 1 October 1956 |
| 2 | 4 | Historical Reports, R&D Command 1956 |
| 2 | 4 | Estimate of CBR Situation, 1 October 1956 - Supplement |
| 2 | 5 | ODChCmIO Historical Report, Quarter Ending 30 September 1957 |
| 2 | 5 | Supplement to Report & Recommendations, Chemical Corps Advisory Council, 5 - 6 December 1957 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 3 | 1 | Estimate of CBR Situation (Includes TS Annex for 1958) |
| 3 | 1 | Historical Reports, R&D Command, 1958 (All Quarters for 1958) |
| 3 | 1 | Reports & Recommendations of the Army Chemical Corps Advisory Council, 1958 - 1965 |
| 3 | 1 | Reports & Recommendations of the Army Chemical Corps Advisory Council, 1958 - 1961 |
| 3 | 1 | Chemical Corps Consolidated R&D Annual Project Report, Edition A, Vol. II, December 1958 |
| 3 | 1 | Historical Report, Chemical Corps Advisory Council (1 October 1958 - 31 December 1958) |
| 3 | 2 | US Army R&D Program in Chemical, Biological and Radiological Warfare for FY1959 |
| 3 | 2 | Quarterly Historical Report, R&D Command, 1 January to 31 March 1959 |
| 3 | 2 | Estimate of CBR Situation, 1 October 1959 |
| 3 | 2 | Quarterly Historical Report, Chemical Corps R&D Command April - June 1959 |
| 3 | 2 | Historical Reports, R&D Command 1959 (Quarterly Historical Report for October - December 1959) |
| 3 | 3 | Report & Recommendations of the American Chemical Corps |
| 3 | 3 | Estimate of the CBR Situation, 1960 |
| 3 | 3 | Historical Reports, R&D Command, 1960 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 3 | 4 | Chemical Corps Advisory Council, Recommendations #35-60, 20 June 1961 |
| 3 | 4 | Chemical Corps R&D Laboratory (1st & 3rd Quarterly Report for 1961) |
| 3 | 4 | The CBR Situation 1961 |
| 3 | 5 | Sixth Tripartite Conference on CBW |
| 3 | 5 | Tripartite, Minutes of 18th Meeting Held at ACC on 9 July 1956 |
| 3 | 5 | Tripartite Conference, Minutes, 25th Meeting, 7 October 1957 |
| 3 | 5 | Tripartite Conference, Minutes, 24th Meeting, 22 July 1957 |
| 3 | 5 | Tripartite Conference, Minutes, 23rd Meeting, 23 April 1957 |
| 3 | 5 | Tripartite Conference, Minutes, 19th Meeting, 16 August 1956 |
| 3 | 5 | Tripartite Conference, Minutes, 30th Meeting, August 1958 |
| 3 | 5 | Tripartite Conference, Minutes, 37th Meeting, August 1959 |
| 3 | 5 | Tripartite Conference, Minutes, 38th Meeting, October 1959 |
| 3 | 5 | Tripartite Conference, Minutes, 39th Meeting, December 1959 |
| 3 | 5 | Tripartite Conference, Minutes, 40th Meeting, April 1960 |
| 3 | 5 | Tripartite Conference, Minutes, 42nd Meeting, June 1960 |
| 3 | 5 | Tripartite Conference, Minutes, 43rd Meeting, August 1960 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 3 | 5 | Tripartite Conference, Minutes, 44th Meeting, October 1960 |
| 3 | 5 | Tripartite Conference, Minutes, 45th Meeting, December 1960 |
| 3 | 5 | Tripartite Conference, Minutes, 47th Meeting, March 1961 |
| 3 | 5 | Tripartite Conference, Minutes, 48th Meeting, May 1961 |
| 3 | 5 | Tripartite Conference, Minutes, 50th Meeting, September 1961 |
| 3 | 5 | Tripartite Conference, Minutes, 51st Meeting, November 1961 |
| 3 | 5 | Tripartite Conference, Minutes, 53rd Meeting, March 1962 |
| 3 | 5 | Tripartite Conference, Minutes, 56th Meeting, August 1962 |
| 3 | 5 | Quadripartite Conference, Minutes, 59th Meeting, February 1963 |
| 3 | 5 | Quadripartite Conference, Minutes, 62nd Meeting, August 1963 |
| 3 | 5 | Quadripartite Conference, Minutes, 63rd Meeting, October 1963 |
| 3 | 5 | Quadripartite Conference, Minutes, 64th Meeting, January 1964 |
| 3 | 5 | Quadripartite Conference, Minutes, 67th Meeting, September 1964 |
| 3 | 5 | Quadripartite Conference, Minutes, 69th Meeting, February 1965 |
| 4 | 1 | CBR Agency Arsenal Brochure, Dec. 1962 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 4 | 1 | CBR Advisory Meeting Conference notes Davis 10 October 1963 |
| 4 | 1 | USA Combat Developments Command VX contact hazard trails, Oct. 1963 |
| 4 | 1 | Quadripartite CBR Standardization Office Semi-Annual Historical Report 1 July - 31 Dec. 1963 |
| 4 | 1 | CBR Advisory Council Annual Historical Report July 1963 - June 1964 |
| 4 | 1 | Conference notes CBR Advisory Council 29 - 30 June 1964 |
| 4 | 1 | Conference notes CBR Advisory Council 16 January 1964 (Witten) |
| 4 | 1 | Minutes of 73rd meeting; Quadripartite CBR Standardization Committee |
| 4 | 1 | Meeting of Protective Committee EA CBR Advisory Council 14 - 15 Sept. 1964 (agenda already unclass.); |
| 4 | 1 | Medical committee, EA & Ft. Detrick |
| 4 | 1 | Minutes of 78th meeting Quadripartite CBR Standardization Committee |
| 4 | 2 | Supplement to Annual Progress Report FY66; USA Medical Unit, Ft. Detrick |
| 4 | 2 | 1st Meeting Quadripartite Working Group on Radiological Defense Equipment (TOC, Agenda) |
| 4 | 2 | Quadripartite CBR Standardization Committee 76th meeting minutes |
| 4 | 2 | Minutes of 79th meeting - Quadripartite CBR Standardization Committee 1964 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 4 | 2 | Canadian NBCW Equipment |
| 4 | 2 | Annual Historical Summary 1 July 1968 - 30 June 1969 |
| 4 | 2 | Improved CBR Defense Support System for the Army in the field; discussion papers, 17 November 1971. |
| 6 | 3 | Chemical Research Laboratory Quarterly Historical Report, April - June 1955 |
| 6 | 3 | Chemical Research Laboratory Quarterly Historical Report, July - September 1955 |
| 6 | 3 | Chemical Research Laboratory Quarterly Historical Report, January - March 1958 |
| 6 | 3 | Chemical Research Laboratory Quarterly Historical Report, July - September 1958 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, January - March 1959 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, October - December 1959 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, July - September 1959 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, April - June 1960 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, January - March 1960 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, January - March 1961 |
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, April - June 1961 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 6 | 3 | Chemical Warfare Laboratory Quarterly Historical Report, July - September 1961 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, October - December 1961 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, January - March 1961 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, July - September 1962 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, October - December 1962 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, October - December 1962 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, January - June 1963 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, January - June 1964 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, July - December 1964 |
| 6 | 3 | Chemical Research and Development Laboratory Quarterly Historical Report, January - June 1965 |
| 8 | 1 | Sixth Tripartite Conference Meeting. on CBR, 17 - 28 September 1951 W/ Supplements |
| 8 | 1 | 8th Tripartite Conference, 1953 |
| 8 | 1 | 10th Tripartite Conference, 1955 |
| 8 | 1 | 11th Tripartite Conference on Toxicological Warfare, 29 October - 10 November 1956 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 8 | 1 | Minutes of 75th Meeting of the Quadripartite Conference |
| 8 | 2 | Chemical Corps Consolidated R&D Project Reports, Edition A, 31 December 1957 |
| 8 | 2 | Annual Consolidated Project of Chemical Corps R&D Projects, CY 1954 |
| 8 | 2 | Minutes of 32nd Tripartite Conference on Standardization |
| 8 | 2 | Minutes of 29th Tripartite Conference on Standardization |
| 8 | 2 | Minutes of 31st Tripartite Conference on Standardization |
| 8 | 2 | Minutes of 28th Tripartite Conference on Standardization |
| 8 | 2 | Minutes of 27th Tripartite Conference on Standardization |
| 8 | 3 | Tripartite Conference on Standardization, 52nd Meeting |
| 8 | 3 | Tripartite Conference on Standardization, 54th Meeting |
| 8 | 3 | Tripartite Conference on Standardization, 55th Meeting |
| 8 | 3 | Report on 16th Tripartite Conference |
| 8 | 4 | 17th Quadripartite Conference CBR Conference Report, 1964 |
| 8 | 4 | Minutes of 74th Meeting of Quadripartite Conference |
| 8 | 4 | Minutes of 72nd Meeting of Quadripartite Conference |
| 8 | 4 | Report on 17th Quadripartite Conference |
| 9 | 3 | Chemical Corps Chemical & Radiological Laboratory Quarterly Historical Report, July - September 1955 |
| 9 | 3 | Chemical Corps Chemical & Radiological Laboratory Quarterly Historical Report, April - June 1955 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, July - December 1956 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, April - June 1956 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, April - June 1959 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, July - September 1969 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, October - December 1960 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, April - June 1958 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, July - September 1957 |
| 9 | 3 | Chemical Warfare Laboratory, Quarterly Historical Report, January - March 1957 |
| 9 | 3 | Chemical R&D Laboratory, Quarterly Historical Report, April - June 1962 |
| 10 | 2 | Activated Tantalum for RW Munitions Tests, 1949 |
| 10 | 2 | Radioactive Material Requirements for RW Munitions Developments, 1949 |
| 10 | 2 | Proposed Program for Development by Chemical Corps of Weapons for RW, 1948 |
| 10 | 2 | 10th Meeting Committee at En [CAE], 1949 EATS-166(6a) |
| 10 | 2 | Assignment of Responsibility for CW, BW & RW (JCS 1837/10), November 1949 |

**Files Identified in the Classified Holdings Room at the
Command Historical Office, CBDCOM (continued)**

| <u>Safe #</u> | <u>Drawer #</u> | <u>File Description</u> |
|----------------------|------------------------|---|
| 16 | 1 | Chemical Corps Technical Committee Minutes, 1947, Item 1799 |
| 16 | 1 | Chemical Corps Technical Committee Minutes, 1948, Item 1848 |
| 16 | 1 | Chemical Corps Technical Committee Minutes, 1959, Item 3484 |

Tab G

Records Identified at the CBDCOM Technical Library

| <u>Report Control #</u> | <u>Report Title</u> |
|--------------------------------|--|
| CRLIR-24 | Interim Report: Gross Decontamination Study of A Macadam Roadway Contaminated by Fall-out of RA, 30 August 1951 |
| CRLIR-94 | Interim Report: Experimental Tests of Shielding and Attenuation of Gamma Radiation from Radioactive Tantalum vs. Infinite Plane Theory, 4 January 1952 |
| CRLIR-109 | Special Report: Results of Chemical Corps, Chemical and Radiological Laboratory Participation in Operation Thundercloud, 24 November 1952 |
| CRLR 413 | Bibliography - Radiation Division and Laboratory |
| CRLR 580 | Papers prepared for 10th Tripartite Meeting |
| CRLR 616 | Tank and Armored Personnel Carrier Vulnerability to Ionizing Radiation |
| CRLR 617 | Operation TEAPOT Project 1.13, Dust Density Vs. Time and Distance in the Shock Wave |
| CWL 3-5 | Bibliography with Abstracts of Radiology Division Reports from May 1954 - May 1958 |
| ETF-760.71-1 | Index to Standard Operation Procedures for Work Involving Radiation Hazards |
| ETF-760-355 | AFSWP 432: Technical Aspects of RW, Status Report as of 8 August 1952 |
| ETF-760-360 | Technical Report: CBR Defense Team Training (U) Project 40.19 Exercise Desert Rock VI, October 1955 |
| ETF-760-360 | Exercise Desert Rock IV[Report of Exercise Director], April - June 1952 |
| ETF-760-443 | AFSWP Military Effects Program Summary, 1 April 1953 |
| ETF-760-449 | AFSWP Military Effects Program Summary, 1 December 1951 |

Records Identified at the CBDCOM Technical Library (continued)

Report Control #

Report Title

ETF-760-512

Analysis of Atomic Weapons Effects Programs, Prepared by
Weapons Effects Division, AFSWP, July 1954

USA CRDL TM50-1

Cold Weather Decontamination Study

Tab H

**MRICD Files Identified in the Classified Vault at the
Edgewood Area Records Holding Area**

| <u>Accession #</u> | <u>Location #</u> | <u>Box #</u> | <u>File Description</u> |
|---------------------------|--------------------------|---------------------|--|
| C-2-81 | V-563 | 13 | 1301-07c Human Testing/Volunteer Program |

List of Document Titles found in above File:

| | |
|------|--|
| DF | SUBJECT: Threshold Doses in Humans, Dtd: 15 November 1963 |
| Memo | SUBJECT: Experimental Stress Hazardous Duty Incentive Pay Requirements, FY76, 77T & 77 |
| Memo | SUBJECT: Use of Volunteers & Human Subjects in Research and Testing, Dtd: 1 October 1975 |

Tab I**Files Identified in the Unclassified Warehouse
at the Edgewood Area Records Holding Area****Record Group:** EA Records Holding Area (MRICD)

| <u>Accession #</u> | <u>Box #</u> | <u>File Description</u> |
|---------------------------|---------------------|---|
| 3-81 | 8/55 | Western Reserve 40 - 31b |
| 3-81 | 9/55 | Folder 40-31b, Norman Walker Assoc. letter - Use of Volunteers memo, 11 April 1966, 2 pages |
| 3-81 | 10/5 | In House Independent Report on Volunteers. Significant Developments Report, 29 March 1966, 2 pages |
| 3-81 | 11/55 | Bailment Agreement Western Reserve. Document - Loan Agreement |
| 3-81 | 11/55 | 1301 - 07C, University of Minnesota Correspondence |
| 3-81 | 11/55 | Fact Sheets 1301-07. 8 September 1975 Downey-Lee letter and fact sheet s |
| 3-81 | 13/55 | Hahnemann Medical College |
| 3-81 | 17/55 | 40-31b Use of Human Volunteers |
| 3-81 | 21/55 | Correspondence - Use of Volunteers in Research, 1967 |
| 3-81 | 21/55 | Request for Volunteers 1966 Correspondence File - letter- Use of Volunteers in Research, 10 June 1966 |
| 3-81 | 21/55 | 1301-07 Medical Review Board |
| 3-81 | 25/55 | OP 77 (72) Long-term Follow up of Medical Volunteers |
| 3-81 | 52/55 | Human Use Committee minutes |
| 3-81 | 52/55 | Medical Review Board minutes ("current") |
| 3-81 | 52/55 | Medical Review Board minutes (1975- August 1976) |
| 3-81 | 52/55 | Medical Review Board minutes (terminated) |

Files Identified in the Unclassified Warehouse
at the Edgewood Area Records Holding Area (continued)

Record Group: EA Records Holding Area (CBDCOM)

| <u>Accession #</u> | <u>Box #</u> | <u>File Description</u> |
|---------------------------|---------------------|---|
| 3-81 | 52/55 | Protocol General Information includes Protocol Guidelines (to PR 70-25) |
| 3-81 | 53/55 | Human Use Testing Guidance |
| 3-81 | 55/55 | 1301-02 Use of Human & Medical Research Volunteers: Ivy Research Labs, Raleigh, NC, Prison Vol. Selection, 8 May 1969; Reports & Correspondence 1968 - 1969; Memo on prisoner use |
| 3-81 | 55/55 | 1301-02 Use of Human & Medical Research Volunteers: Ivy Research Labs, DAA-15-68-C-0627; Reports File, 2 consent forms |

**Files Identified in the Unclassified Warehouse
at the Edgewood Area Records Holding Area**

Record Group: EA Records Holding Area (CBDCOM)

| <u>Accession #</u> | <u>Box #</u> | <u>File Description</u> |
|---------------------------|---------------------|--------------------------------|
| 77-87 | 2/2 | Individual Protection |