



DOE Openness: Human Radiation Experiments: Roadmap to the Project



Declassified Documents

- HOME
- ROADMAP
- WHAT'S NEW
- SEARCH HREX
- MULTIMEDIA
- RELATED SITES
- FEEDBACK

Declassified Documents

Memorandum to the District Engineer, Manhattan District, Oak Ridge, Tenn.
Summary of a Medical Research Program.

Page 1/4

[Next --->](#)

[< - Previous](#)

THIS DOCUMENT CONTAINS 2 PAGE(S) **34**
 NO. 3 OF 4 CONT. LINES A

RHTG # 72,981
BOX # 603

RSD/ak
7 November 1946.
707064

Subject: Summary of Present Medical Research Program.

MEMORANDUM to the District Engineer, Manhattan District, Oak Ridge, Tenn.

1. It has been the policy of the Medical Division of the Manhattan District to carry on medical research in conjunction with various universities and industrial organizations. In all cases the work has been done on the premises of the university or organization cooperating. The following universities and organizations have been included: University of Rochester; University of Chicago; University of Washington (Seattle); University of California (Berkeley); Columbia University; Western Reserve University; Los Alamos Project; Monsanto Chemical Company (Oak Ridge and Dayton, Ohio).
2. At the University of Rochester the major research program has been concerned with toxicological, pharmacological and industrial problems in the use of uranium and its compounds. This study has included acute and chronic inhalation, ingestion and injection studies with these compounds as well as protective measures against their toxic effects. In addition, a small research program on the toxicities of polonium and beryllium is in progress at the present time.
3. The medical research contract at the University of Chicago has been primarily concerned with the problems of toxicology and industrial injury of plutonium and related compounds. A small amount of work on the uranium series has also been done. The program's scope is similar to that of the University of Rochester.
4. In conjunction with the District's technical work at the plant in Hanford, Washington one of the major problems was the effect of the plant's effluent on the fish living in the Columbia River i.e., particularly salmon. With the view to determining not only the effect of this effluent but also the effects of various doses of x-radiation, a contract was made with Dr. Lauren Donaldson for a long range study of the fish life. This, together with studies on the marine specimens from Operation Crossroads, forms the basis of the program at the University of Washington.
5. Inasmuch as the Manhattan Engineer District has a technical contract with the University of California at Berkeley in which the use of the cyclotron is involved, it was felt justifiable to establish a medical

REPOSITORY *Oak Ridge Operations*

COLLECTION *RHTG Classified Documents 1944-1944*

Records Holding Area, Bldg 7144 Vault

BOX No. RHA-1708

FOLGER 1019024

Classification Changed to UNCLASSIFIED
 by Authority of *DR*
 on *02-06-00*
 SP-18 TRUMAN, MISSOURI CONF. 11-5-54