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RHTG # 98, 210
BOX # 199

ACH2.950206.001A

5 August 1946.

Subject: University of California Radiation Laboratory.

MEMORANDUM to Colonel E. E. Kirkpatrick, Deputy District Engineer.

1. The Security and Technical Divisions have made surveys of the facilities and conduct of the work of the University of California under Contract No. W-7405-eng-48. Recommendations for the security classification for each type of work carried out and proposals for correcting the existing deficiencies are hereby submitted for approval. Copies of the Security and Technical survey reports are attached hereto for information. Attached also is a draft of a letter to be signed by Colonel K.D. Nichols to the California Area Engineer to rectify the deficiencies noted in the survey.

2. After a technical review of the work of the University of California, the Research Division makes the following recommendations:

a. It is recommended that the work directed by Professor E.O. Lawrence of the University of California Radiation Laboratory have the following classification:

(1) The work done in the 184th Area under the direction of Professor Seaborg in the chemistry of heavy elements should be classified Secret.

(2) The work carried out in the 184th Area on the XC and XA Magnets in the stable isotope separation and Y-12 research programs should be classified Secret. It is proposed to move the XC Magnet and its cubicle to a classified Area and to dismantle the XA Magnet and its cubicle.

(3) The work on the construction and operation of the instruments known as the 184th cyclotron, the linear accelerator in the 184th Area, the synchrotron in the 184th Area, and the 37th cyclotron in the Old Radiation Laboratory Building should be classified Restricted.

(4) The incidental work in the 184th Area not directly connected with the chemistry group, the magnetic research program or the stable isotope separation program should be classified as Restricted.

DECLASSIFICATION AUTHORIZED

ROY ANDERSON, ANALYSIS

Name (ADD) - Organization

9-13-94

Date

DECLASSIFICATION RECOMMENDED

Robert B. Burdell Anderson
Name (ADC) - Organization

8/31/94
Date

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Subject: University of California Radiation Laboratory (Cont'd).

(5) The Donner Laboratory on the main campus houses the Area Engineer and his staff, the Director of the Radiation Laboratory and his staff and is used in the conduct and administration of Secret work.

b. The work carried out on the chemistry of plutonium by Dr. Wendall Lattimer in Gilman Hall under Project 48B should be classified Secret. The work of Dr. Brewer on the thermodynamics of ordinary materials carried out in Gilman Hall under Project 48B should be classified as Confidential.

c. The general work carried out by Dr. J. G. Hamilton in the Crocker Laboratory under Project 48A should be classified Secret. The specific activities of the 60" cyclotron group should be classified Restricted.

d. The work carried out under the direction of Dr. R. S. Stone at the University of California Hospital at San Francisco under Project 48C should be classified Restricted.

3. Following the survey of the University of California facilities by the Security Division, a general rating of poor was given to the security at the site. In order to correct the deficiencies noted, in view of the above recommendations, the Security Division submits the following proposals for approval:

a. By fence relocation, divide the 184" Area into an Inner Secret Area and a General Restricted Area.

(1) It is proposed that the Inner Area, including the Chemistry Building, classified files, and XC and YA Magnets with cubicles (relocated), be protected by excellent fencing, lighting and guarding, and that admission be limited by an enforced identification system to authorized employees and visitors with prior approval of the Area Engineer.

(2) It is proposed that no major change be made in security within the General Area except that the classified vault be equipped with combination lock door and adequate window protection.

b. In Gilman Hall an overall strengthening of the security program is needed. Excellent physical protection and constant guarding should be provided for the hot laboratory in the basement, and a suitable central vault or safe should be provided for classified documents.

c. In Crocker Laboratory, the office of Dr. Hamilton should receive more thorough guard protection. During operating periods, better control of casual visitors is recommended for the 60" cyclotron area.

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Subject: University of California Radiation Laboratory (Cont'd).

d. Treat the entire Donner Laboratory Building as a Secret Area. By the use of a receptionist and an identification system restrict admission to employees and authorized or escorted visitors.

e. The Security Division is satisfied with the security conditions of the work of Dr. R. S. Stone under Project 48C.

A. V. PETERSON,
Director, Research Division.

- 3 Incls.: *Security Survey Report*
1. ~~Memo to Distr Eng~~
~~dat 30 July '48 w/incls.~~ *Copy of Shaw's Memo to Col Kirk which was returned to Shaw so that this memo could be prepared.*
2. Technical Survey Rpt.
3. Draft ltr to Calif. Area Engineer.

DAVID P. SHAW,
Lt. Colonel, Corps of Engineers,
District Security Officer.