

525-20

This document consists of 46 pages
Copy No. 16 of 43 Series A

This document consists of 4 pages
No. 1 of 1 Copies, Series A

CAUTION

This document contains information affecting the National Defense of the United States. Its transmission or the disclosure of its contents in any manner to an unauthorized person is prohibited and may result in severe criminal penalties under applicable Federal Laws.

MONTHLY STATUS AND PROGRESS REPORTS

FOR

APRIL 1949

UNIQUE DOCUMENT # SAA200051290000

OPENNET	
<input type="checkbox"/>	Authorized for Public Release
By:	
Entered in Opennet:	
By:	
<input type="checkbox"/>	Not Authorized for Public Release
By:	

U. S. ATOMIC ENERGY COMMISSION

Issued May 1949

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: <u>Samuel L. 11/2/94</u>	DETERMINATION (CIRCLE NUMBER(S))
REVIEWER (DDI): <u>APB/epmidt</u>	1. CLASSIFICATION RETAINED
NAME: <u>12/8/94</u>	2. CLASSIFICATION CHANGED TO:
DATE: <u>12/8/94</u>	3. CONTAINS NO DOE CLASSIFIED INFO
	4. COORDINATE WITH:
	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INTO AND CANCELLED
	7. OTHER (SPECIFY): <u>Other use</u>

This document contains restricted data as defined in the Atomic Energy Act of 1946

US DOE ARCHIVES
326 U.S. ATOMIC ENERGY COMMISSION

Collection 1342
Box 4
Folder 4

Please return to
Office of General Counsel
Room 304

1-4-9
Progress Rep.

74 HDT 1816

EXTRANEIOUS MATERIAL DELETED

EXTRANEIOUS MATERIAL DELETED

PROCEEDINGS OF THE MEDICAL SOCIETY

Speeches

Dr. [Name] gave several addresses which included a talk on April 10 before the American College of Physicians in New York on "The State of Medicine in March." On April 15, before the [Organization] and Bacteriologists in Boston on "The Medical Aspects of Radiation Injury," and on April 17 at the [Organization] was "Antigen Tracer Studies and Biological Effects of Psychologic Shock in the Guinea Pig." On April 18 at the Naval Medical Center in Bethesda, he spoke before the [Organization] on "The Fundamental Principles of [Topic]" on April 20 at the Army and Navy School on "The Medical Aspects of Atomic Energy"; at the Massachusetts Institute of Technology before the [Organization] on "Medical Problems of an Atomic World."

Dr. [Name] gave an address to the Medical Society at Hagerstown, Md. on "Medical Aspects of [Topic]."

Dr. [Name] gave an address at the Information Meeting at Oak Ridge on April 11 on "Radioactive Substances and Their Use in the Study of [Topic]."

Dr. [Name] gave an address to the National Dairy Council in Detroit on April 12 on "The Medical Aspects of Nutrients and Fat Metabolism."

Administrative Matters in Biological Medicine

The [Organization] and Biological and Medical held their [Meeting] on April [Date] at [Location].

The [Organization] was [Topic] discussed. It was the [Organization] that "Funds allotted to [Organization] in the field of biological [Topic] should be used to supplement stipends received by [Organization] awarded for training purposes [Organization] that training programs [Organization] in addition to the [Organization] that considerable [Organization] of curricula.

The [Organization] Council (Division of Medical [Organization]) for the purpose [Organization] It was the sense of [Organization] that could be forwarded [Organization] of the National

Research Council

"It is recommended that the Division of Medical Sciences be requested to continue the established panel as an advisory group and that sufficient funds be allocated for indicated physical examinations on the radiation cataract cases. It is further recommended that the Radiation Cataract Committee advise the Division of Biology and Medicine as to indicated research projects for coordination with the existing research program of that Division and administration by the Division of Biology and Medicine."

Fellowships

A contract has been renewed through the New York Operations Office with the Marine Biological Laboratory at Woods Hole, Massachusetts, to conduct a course for six fellows on radioactive isotopes under the direction of Dr. A. Failla during the Summer of 1949.

The AEC Postdoctoral Fellowship Board in the Biological Sciences of the National Research Council met on April 2, 1949, and at such time ten applications were recommended for fellowships.

Civil Defense

The Division of Biology and Medicine has advised the National Security Research Board of the Division of research and development in the facilities of the AEC and its contractors which is pertinent to civil defense. They further suggested that the AEC could be looked to for information in the following fields under atomic weapons:

1. Blast effects on structures
2. Blast effects on animals
3. Blast effects on personnel
4. Burns
5. Ionizing radiation injury
6. Sarcening and shelter
7. Medical care for casualties and refugees
8. Psychological problems
9. Radiological safety - equipment, instrumentation for the detection and measurement of atomic energy
10. Training of personnel

Bikini Survey

In cooperation with the Division of Military Application, the Division of Biology and Medicine is making preliminary plans

U N C L A S S I F I E D

for a resurvey expedition to Bikini and Eniwetok under the direction of Dr. Lauren R. Donaldson.

Federation of American Societies for Experimental Biology, Detroit, April 18-21

In conjunction with the meeting held by the Federation of American Societies for Experimental Biology, a meeting was held by a scientific panel with Dr. James H. Crow acting as chairman, in which the biological synthesis of radioactive materials (sometimes called isotope farming) was discussed.

Dr. Nathan Woodruff of Oak Ridge presented a summary of the utilization of Carbon 14 in biological synthesis.

Biology and Medicine Information Meeting

An information meeting for biology, medicine and health physics was held at Oak Ridge on April 11, 12, and 13. Discussions on the first two days were devoted to radiation pathology and biochemistry while on the third day a classified Health Physics meeting was held.

U N C L A S S I F I E D

DOE ARCHIVES

EXTRANEIOUS MATERIAL DELETED

EXTRANEIOUS MATERIAL DELETED