US DOE ARCHIVES 711695 Box March 23, 1949 Folder TO: Commissioners and Division Heads FROM: Carroll L. Wilson, General Manager SUBJECT: Meeting of the Advisory Committee for Biology and Medicine The fifteenth meeting of the Advisory Committee for Biology and Medicine will be held or April 8-9, 1949, at the Brookhaven National Laboratory, Upton, L.I., New York, Invitation is cordially extended to attend this meeting. April 8, 1949 Inspection of facilities - 9:00 A.M. PRIVACY ACT MATERIAL REMOVED April 9, 1949 Agenda - 9:00 A.M. Consideration of the Minutes of the meeting at the Atomic Energy Commission, Washington, D. C., on February 12, 1949. Report on support of research. Proposals approved since February 12 meeting: To Oak Ridge: (1) University of Florida - Dr. A. A. Bless - "Investigation of Bioelectric Potentials of Plants and Animals as a Function of Radiation Injury" - \$15,250 Salaries \$8,000 Equipment 1,250 Overhead Miscellaneous, supplies, etc. 2,500

\$15,250

Total Request

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW

DETERMINATION [CIRCLE NUMBER(S)]

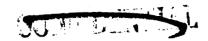
1. CLASSIFICATION RETAINED

2. CLASSIFICATION CHANGED TO:

3. CONTAINS NO DOE CLASSIFIED INFO

4. COORDINATE WITH:

5. LASSIFICATION CANCELLED



. (2) North Carolina State - Dr. W. C. Gregory - "Peanut Seed Irradiation" - \$17,145

Salaries	\$9,450
Equipment	2,500
Travel	2,000
Overhead	
Miscellaneous, Supplies, etc.	2,250

Total Request

\$17,145

2/1/09

North Carolina State - Dr. N. S. Hall - The Movement of Ions Through Soil Systems - \$20,850 3/1/49

Salaries Equipment Travel Overhead

\$12,200 5,650 600

Total Request

\$20,850

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University of North Carolina - Dr. C. D. Van Cleave -"Radioautographic Study of the Distribution and Retention of Beryllium in the Rat" - \$30,000

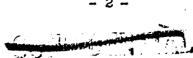
Salaries	\$2,200
Equipment	1,200
Travel	400
Miscellaneous, Supplies, etc.	26,200
Total Request	\$30,000

(5) University of Virginia - Dr. C. L. Gemmill - "The Effect of Beta Radiation on the Distribution of Phosphate in Red Bloodcells and in Cardiac Muscle" - \$10,500



\$6,000 Salaries 1,850 Equipment 200 Travel Overhead 1,515 Miscellaneous, Supplies, etc.

\$10,500



(6) Meharry Medical College - <u>Dr. P. F. Hahn</u> - "The Use of Radioactive Gold in the Treatment of Various Tumors by Direct Infiltration" - \$60,000

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Salaries	\$38 <b>,4</b> 00
Equipment	6,375
Travel	1,500
Overhead	
Miscellaneous, Supplies, etc.	6,025

Total Request

\$60,000

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(7) University of North Carolina - Dr. A. Roe - "Supplies and Equipment for Carbon 14 Research" - \$2,000

Equipment

\$2,000

#### To Chicago Office:

(1) University of Kansas - Dr. E. R. Hall - "Radium Chloride and Hemopoletic Physiology of Native Rodents" - \$11,040

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Salaries Miscellaneous, Supplies, etc. \$5,400 5,640

Total Request

\$11,040

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(2) Henry Ford Hospital - Dr. F. W. Hartman - "Pilot Experiment" - \$1,500

(3) University of California - Dr. J. H. Lawrence - "Effects of Irradiation on Animal Tissues" - \$33,250

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Salaries Equipment Travel Overhead \$16,290 8,315 arci, grant

Total Request

\$33,250

(4) University of Michigan - Drs. R. L. Kahn and F. T. Hodges - "Universal Serologic Reaction Following Irradiation" -

\$25,000

traffiches for

Salaries
Travel
Overhead
Miscellaneous, Supplies, etc.

\$19,540

Total Request

\$25,000

Commented

University of California - Dr. H. Becks - "Studies on the iletabolism on Radioactive Fluorine and Particular Reference to Dental and Skeletal Structures" - \$5,000

Salaries Equipment Overhead Miscellaneous, Supplies, etc. \$3,800 780

Total Request

\$5,000

Oklahoma A. & M. - Dr. O. M. Smith - "Study of Cytogenetic Effect of Irradiation, Using Radioactive Isotopes on Bacteria" - \$5,740

Salaries \$3,800 Equipment 1,000 300 Travel Overhead Miscellaneous, Supplies, etc. 300

Total Request

\$5,740

Ohio Agricultural Experiment Station - Dr. R. S. Davidson - "Physiology and Genetics of Plant Pathogenic Micro-organisms When Grown in Presence of Various Radioisotopes" - \$2,400

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\$1,400 Salaries 750 Equipment 25 Travel 250 Etecellaneous, Supplies, etc.

Total Request

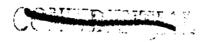
\$2,400

University of California - Dr. M. Kleiber - "Research on the lietabolism of P32 and the Utilization of Metabolites Such as Acetate, Lactate, etc. - \$16,000

\$8,000 Salaries 4,500 Equipment 3,500 Miscellaneous, Supplies, etc.

Total Request

\$16,000



## COMMENTAL

# PRIVACY ACT MATERIAL REMOVED

(9) University of Minnesota Medical School - Dr. G. E.

<u>Moore</u> - "Study of Methods and Instr. to Improve the
Localization of Radioactive Materials in the Body" \$16,000

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Salaries \$7,	770
Equipment 3,	475
Overhead	
Miscellaneous, Supplies, etc. 3,	605

Total Request

\$16,000

#### To New York Office:

(1) Johns Hopkins - Dr. A. Wolman - "Investigation of the Absorption and Assimilation of Radioactive Materials by Surface Slimes" - \$12,200

Salaries Equipment			\$4,600 5,000 400
Travel Overhead Miscellaneous,	Supplies,	etc.	800

Total Request

\$12,200

(2) Mt. Sinal Hospital - Dr. R. Loevinger - "Measurement of Tissue Doses Due to Gamma and Beta Active Radioisotopes" \$5,000

Salaries Equipment Miscellaneous,	Supplies, etc.	\$2,500 1,500 1,000
	Matal Daniest	\$5,000

Total Request

\$5,000

(3) Yale University - Dr. E. C. Pollard - "Monomolecular Layers of Serological Agents" - \$4,500

Equipment

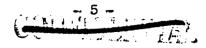
\$4,500

(4) Yale University - Dr. E. C. Pollard - "Irradiation of Viruses and Large Molecules - \$8,000

Salaries Equipment			\$6,000 1,600
Miscellaneous,	Supplies,	etc.	400
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Total Request

\$8,000



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Long Island Biological Assn. - Dr. M. Demeriec -"Study of the Accumulation and Elimination of Deleterious Gene Mutations in Experimental Populations Exposed to Radiations - \$55,000

Salaries			\$32,400
Equipment			14,000
Travel			700
Overhead			
Miscellaneous,	Supplies,	etc.	4,700

Total Request

\$55,000

Columbia University - Dr. S. W. Werner - "Use of Radioactive Iodine in Developing Quantitative Assay Method for Thyrotropic Hormone - \$4,600

Salaries			\$2,400
Equipment			800
Miscellaneous,	Supplies.	etc.	1.400

Total Request

(7) Conn. Agr. Exp. Sta. - Dr. Horsfall - "Therapy of Plant Disease by Nuclear Radiations" - \$8,000.

Salaries			\$4,000
Equipment			2,500
Travel	•		500
Miscellaneous,	Supplies,	etc.	1,000

Total Request

\$8,000

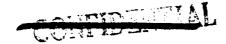
Proposals extended since February 12 meeting:

University of California, Berkeley - Dr. A. P. Krueger
"Relationship between Radiation Damage and the Immunity
State" - \$33,000; Original grant 20,000; Julal 58,000

Beth Israel Hospita, Boston - Dr. H. L. Blumgart -"Studies of Radioactive Iodine Therapy of Disease and other Related Thyroid Disorders" - \$44,500; Augusterner \$12,000; Arig front \$14,180; Jakal \$110,680

(3) Memorial Hospital, New York - Dr. C. "Cancer Research" - \$140,000 - (Sloan-Kettering Inst.)

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(Sloan-Kettering Institute, Contid.)

Cancer Research - \$140,000

#### Physics Division

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Salaries \$36,530
Supplies (including purchase and maintenance of animals, construction, miscellaneous) 18,000

\$54,530

### Protein Chemistry Division

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Salaries \$29,740
Supplies (including purchase and maintenance of animals, construction, miscellaneous) 18,352

\$48,092

#### Experimental Pathology Division

Salaries Supplies

\$23,355

Supplies (including purchase and maintenance of animals, construction, miscellaneous) 14,000

\$37,355

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Total Request - \$140,000 (Extension of Sloan-Kettering Institute - Memorial Hospital - Dr. Rulon Rawson - "Study of Thyroid Cancer with Radio-active Iodine - \$40,000

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Salaries \$31,280 Supplies (including purchase and maintenance of animals,

8,720

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Total Request

miscellaneous

\$40,000

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{ 1 graduate each year for 3 year of
Training Program - Radiological Physics training, as Cape fellingle at Haverford: (4 college Fellowship Program (Material in folder for reference - List of Fellowships awarded in Medical and Biological Sciences) Suggestions requested on how more qualified applicants may be obtained . Brown on relection Discussion desired on advisability of offering one-year post-doctoral medical Fellowships. Radiation Cataracts Material in folder for reference: a. Letter from Dr. Bowers to Dr. Weed Letters from Dr. Weed re allocation of \$300,000 to National Research Council for cataract survey. \$15,000 has been set aside for transfer to National Research Council as an initial step for this survey, Impatance of integration To other program, Sie wir - 8 -Bookhaun, agome, etc DOE ARCHIVES 1111243b

6. Radiation Cataracts (Cont'd.)

It is recommended that the Division of Medical Sciences be requested to continue the established panel as an advisory group and that finds be allocated for the medical survey as requested. 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.

7. Budget- Dr. John Z. Bowers

- 8. Future Tests Colonel J. P. Cooney
- 9. Report by Prof. Harry L. Bowman
- 10. Other Business

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Next meeting of the Advisory Committee for Biology and Medicine with - Jun 11

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