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COMMITTEE ON MEDICAL SCIENCES
RESEARCH AND DEVELOPMENT BOARD
DEPARTMENT OF DEFENSE
WASHINGTON 25, D. C.

BAW 2/10

JOINT PANEL ON THE MEDICAL ASPECTS OF ATOMIC WARFARE

AGENDA

TENTH MEETING

9, 10, 11, 12 September 1952
Los Alamos Scientific Laboratory

- ITEM 1 - Approval of the Minutes of the 9th Meeting
- ITEM 2 - Introduction of Visitors
- ITEM 3 - Facility and Program Review
- ITEM 4 - Program Guidance, 1952
- ATTACHED: BAW 107/4
- ITEM 5 - Report of Plans for Conference on Hazards of Radioactive Particulates
- ITEM 6 - Report of Argonne Accident
- ITEM 7 - Report of Biomedical Program for the Next Atom Bomb Test
- ITEM 8 - Report on Plans for Manual for Therapy of Nuclear Radiation Injury
- ITEM 9 - Digest of Projects Dealing with Radiation Detection Instruments
- ITEM 10 - Other Business
- ITEM 11 - Date and Place of Next Meeting

Charles E. Mullen
of USAF

for F. LLOYD MUSSELLS, M.D.
Executive Director
Committee on Medical Sciences

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JOINT PANEL ON THE MEDICAL ASPECTS OF ATOMIC WARFARE

Agenda 10th Meeting
9-12 September 1952

ITEM 2 - Introduction of Visitors

CAPT Herman E. Burkwall, USN, Deputy Director, Biomedical Division,
Naval Radiological Defense Laboratory

Lt. Col. J. P. Dawley, USA, Committee on Atomic Energy, Research
and Development Board

CAPT Harry Haight, USN, Military Application Division, Atomic
Energy Commission

Colonel Roy Maxwell, USA, Director, Division of Biophysics, Army
Graduate School

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ITEM 3 - Facility and Program Review, Health Division, Los Alamos
Scientific Laboratory

Tuesday, September 9

Morning

9-to 9:30: Welcome to the Committee and Description of Los Alamos
Facilities and the Los Alamos Program -- Dr. Norris E. Bradbury

9:30 to 10:15: General Description of Health Division Activities -
Dr. Thomas L. Shipman

Intermission

10:30 to 11:10: The Absorption, Distribution, and Excretion of Tritium
in Laboratory Animals and Man - Lt. Col. Ernest A. Pinson

11:10 to 12: The Pathology, Physiology, Biochemistry and Treatment of
Beta Ray Burns - Dr. C. G. Lushbaugh

Afternoon

1:30 to 2:20: Relative Biological Effectiveness of Thermal Neutrons -
Major Payne S. Harris (USA, MC).

2:20 to 2:50: The Cataractogenic Effects of X-Rays and Thermal Neutrons -
Dr. John B. Storer

Intermission

3 to 3:30: Studies on the Effects of Massive, Rapid Doses of Gamma Rays
on Animals - Dr. Wright H. Langham

3:30 to Adjournment: Comments on Test Programs, Past and Future -
Dr. Alvin C. Graves

Wednesday, Sept. 10

Morning

9 to 9:30: Rad Safe Problems and Accomplishments at Tests -
Dr. Thomas N. White

9:30 to 10: Studies on Fall Out from an Atomic Cloud - Mr. Harry F.
Schulte

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10 to 10:30: Biomedical Experimental Programs at Tests - Dr. Wright H. Langham

Intermission

10:40 to 11:30: Biological Effectiveness of Neutrons from an Atomic Bomb - Dr. Robert E. Carter

11:30 to 12: Radiological Hazards Associated with Early Passage Through Cloud of an Atomic Bomb - Dr. Ernest C. Anderson

Wednesday, Sept. 10

Afternoon

The afternoon will be devoted to visits to the Biomedical Research Laboratories, the Los Alamos Medical Center, and/or social events or sight-seeing which may subsequently be planned.

Thursday, Sept. 11: Business Meeting as planned by the Panel.

Friday, Sept. 12:

Morning

Completion of business meeting as planned by the Panel.

Afternoon

Guided tour to certain of the new Laboratory buildings (CMR-10), new CMR Building, GT site, Van de Graaff)

(Certain members of the Panel may have to leave Los Alamos during the afternoon, while others may prefer to remain until Saturday morning, or even stay over the week-end).

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ITEM 4 - Program Guidance, 1952

References: (a) BAW 107/2 - Program Guidance Report, Joint Panel on the Medical Aspects of Atomic Warfare, 20 Sept. 1951

(b) MS 107/2 - Program Guidance, Committee on Medical Sciences, 26 October 1951, Secret Log No. 474-51A

ATTACHMENT: (A) RDB 107/11 - Memorandum for Executive Directors, All RDB Committees, Subj: Program Guidance Report, dated 23 May 1952

1. References (a) and (b) are the reports prepared last year by the Panel and Committee respectively.

2. Attachment (A) outlines the method of preparation of the 1952 report. The method will be essentially the same as last year except that recommendation for emphasis will be extended to include items which may be de-emphasized or eliminated.

3. Military members will be expected to provide the Panel with information as to progress and action on recommended changes in emphasis in accordance with the Program Guidance, 1951.

4. In order to facilitate preparation of the Program Guidance Report, the following assignments are made for preparation of the preliminary draft of sections of the report.

WORKING GROUP ASSIGNMENTS FOR PREPARATION OF 1953 PROGRAM GUIDANCE

<u>SUBJECT</u>	<u>WORKING GROUP</u>	<u>REPORTER</u>
1. Detection, Measurement and Evaluation of Radiation (AW-5a)	I	Dr. R. Evans
2. Protection of Personnel (AW-5b)	I	Lt. Col. E. A. Pinson
3. Decontamination (AW-5c)	I	Dr. S. G. Galler
4. Blast	II	CDR H. S. Etter
5. Thermal Effects	II	Col. J. R. Wood
6. Psychological Studies	II	Dr. R. R. Newell

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| 7. Biological Effects of Radiation | III | Brig. Gen. E. DeCoursey |
| 8. Treatment of Radiation Injury | III | CDR E. P. Cronkite |
| 9. Development of Methods for
Protecting Personnel Against
Radio-Activity (Pre-treatment with
Drugs and Hormones, Partial Body
Shielding or Anoxia) | III | Dr. L. H. Hempelmann |

GROUP I

Dr. R. Evans, Chairman
Dr. S. R. Galler
Dr. H. Friedell
Major G. Hekhuis
Lt. Col. J. E. Pickering
Lt. Col. E. A. Pinson
Mr. J. G. Terrill

GROUP II

Dr. J. C. Aub, Chairman	CDR E. P. Cronkite
Lt. Col. S. A. Bach	Brig. Gen. E. DeCoursey, Chairman
Col. R. H. Blount	Dr. C. L. Dunham
CDR H. S. Etter	Dr. M. S. Fishler
Lt. Col. J. Hartgering	CAFT H. Haight
Dr. R. R. Newell	Dr. L. H. Hempelmann
Col. J. M. Talbot	Col. R. Maxwell
Col. J. R. Wood	

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ITEM 5 - Report of Plans for Conference on Hazard of Radioactive Particulates

Reference: (a) BAW 3/9 - Item 4I, Minutes of the 9th Meeting

The Executive Director will report to the Panel on action taken as a result of the motion passed regarding the recommendation for a conference on radioactive particulates.

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ITEM 6 - Report of Argonne Accident

Dr. Austin Brues will report on this accident.

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ITEM 7 - Report of Biomedical Program for the next Atom Bomb Test

Reference: (a) BAW 201/3 - Ad Hoc Working Group on Biomedical Participation
in future Atomic Weapons Tests

Lt. Col. James Hartgering, AFSWP, will report on the biomedical program
of the next atomic weapons test.

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ITEM 8 - Report on Plans for a Manual for Therapy of Nuclear Radiation Injury

Reference: (a) Item 4J, Minutes of the 9th Meeting
(b) N.R.C. Emergency Care in Major Disasters

The Executive Director will report on the action of the Committee on
Medical Sciences.

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ITEM 9 - Digest of Projects Dealing with Radiation Detection Instruments

Reference: (a) Item 4K, Minutes of 9th Meeting

This digest will be distributed.

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