

NATIONAL ACADEMY OF SCIENCES - NATIONAL RESEARCH COUNCIL  
2101 Constitution Avenue  
Washington 25, D. C.

9  
443

Division of Medical Sciences

COMMITTEE ON SANITARY ENGINEERING AND ENVIRONMENT

Fifty-eighth Meeting - 1 December 1959  
10:00 A. M.  
Academy-Research Council Building  
Washington, D. C.

NAV1.941208.048

AGENDA

- I. Action on minutes of previous meeting (2 June 1959).
- II. Reports or statements on Subcommittee studies:
  - A. Subcommittee on Food Sanitation:
    1. Request for advice on new developments in washing and sanitizing practices for eating and drinking utensils (7-RFA-59).
    2. Progress reports on subjects assigned to Subcommittee members for study and report:
      - a. Microbiological standards for foods and their significance.
      - b. Necessary safeguards in the processing of eggs and egg products.
      - c. Transportation of perishable foods.
      - d. Plastic liners for milk and food containers.
      - e. Motivation and attitudes towards food sanitation.
  - B. Subcommittee on Personnel and Training:
    1. Report of subcommittee meeting held November 9, 1959.
    2. Review of educational requirements for the several fields of environmental sanitation from the standpoint of academic preparation.
      - a. Undergraduate basic preparation.
      - b. Graduate or professional preparation.

OVER

OVER

OVER

3. Discussion of the academic preparation of personnel having research and operational responsibilities in the several fields of environmental sanitation.

C. Subcommittee on Waste Disposal:

1. Report on research on sewage disposal at Army tuberculosis hospital (33-RFA-53).
2. Research grants on disposal of infectious wastes from hospitals (20-RFA-53).
3. Continued studies on stabilization ponds for sewage and waste disposal.
4. Fringe area waste disposal problems.
5. Problems of radioactive waste disposal from nuclear power plants.

D. Subcommittee on Thermal Factors in Environment:

1. Present status of hospital air conditioning.
2. Problem of acclimatization to cold:
  - a. Recent evidence on cold acclimatization.
  - b. Mechanism of cold acclimatization.
  - c. Limits of acceleration to cold.
  - d. Possibilities of accelerating acclimatization in individuals transferred from a warm to a cold environment.

E. Subcommittee on Water Supply:

1. Progress on subjects assigned to Subcommittee members for study and report:
  - a. Disinfection of water by silver.
  - b. Detergent pollution of water supplies.
  - c. Significance of trace substances in water.
  - d. Turbidity of water and its measurement.

- e. Significance of various standards of water quality.
- f. Status and trends of radioactive contamination of raw water.
- g. Removal of radioactive contamination by conventional processes.
- h. Cadmium in potable waters.

F. Subcommittee on Atmospheric and Industrial Hygiene:

- a. Problem of stack gases from oil fired naval vessels.
  - b. Cabin air contamination in jet aircraft.
  - c. Background of radioactivity at elevations of 20,000 to 30,000 feet.
  - d. Radioactive contamination in jet aircraft.
  - e. Environmental hazard control associated with the location, construction and operation of nuclear power plants (cooperative study with other subcommittees).
  - f. Toxicological problems associated with closed spaces.
  - g. Toxicological characteristics of chemicals used in air conditioning.
  - h. Health hazards associated with the use of new metals and fuels.
  - i. Report on Tri-Service Conference on Biological Effects of Microwave Energy, 25, 26 and 27 August 1959.
- III. Progress report on sanitary engineering studies conducted for Federal Housing Administration by Technical Studies Advisory Committee, Building Research Advisory Board, NAS-NRC - Robert M. Brown.
- IV. Suggestions from Committee members and liaison representatives on new areas or problems for study.
- V. Other business.
- VI. Date of next meeting.