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NSRB Doc. 121/3

EXECUTIVE OFFICE OF THE PRESIDENT
NATIONAL SECURITY RESOURCES BOARD

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Civil Defense Planning Advisory Bulletin

February 3, 1950

1149220

CIVIL DEFENSE PLANNING ADVISORY BULLETIN

Introduction

This Civil Defense Planning Advisory Bulletin is the third in a series initiated by the National Security Resources Board for transmitting information and guidance to the states for use in civil defense planning.

PART I

Training Courses in Atomic Subjects

In keeping with its policies for furnishing information, advice and assistance to states and communities in civil defense planning, and with full recognition of the principle that planning and the development of preparedness measures for civil defense are responsibilities shared by local, state and federal governments, the NSRB has completed arrangements to launch the first two of a group of training courses in civil defense subjects. These two courses, mentioned separately in the succeeding paragraphs, are concerned with the techniques for dealing with the effects of atomic attack. They have been developed with the cooperative efforts of the Atomic Energy Commission, Department of Defense and General Services Administration and are designed for laying the groundwork for the development and operation of training programs by states for personnel within states.

Participation by the states in these courses is at the discretion of each state. The Federal Government will bear the expense of conducting the courses described below; however, the travel and subsistence expenses of the state participants in the courses will be borne by the states. It is contemplated that states will bear the expenses involved in their sub-

sequent development and operation of state training programs in civil defense subjects.

A description of the courses which have been developed for inauguration in the early future, including the criteria for selection of state participants, follows:

1. RADIOLOGICAL MONITORING

One important phase of civil defense in the event of atomic attack upon the United States is the subject of radiological defense. The crux of such defense is the ability to detect, measure and interpret the significance of any harmful radiations present in an area after exposure to attack by atomic weapons. Therefore, the need of training personnel to perform the function is an important consideration in any realistic civil defense planning.

The Atomic Energy Commission, as a participant with the National Security Resources Board and General Services Administration in the Federal Government civil defense planning, is completing arrangements for training courses in radiological monitoring to be given at Atomic Energy Commission facilities. The purpose of this training is to prepare, through the instruction of a limited number of qualified individuals in the subject of instrumentation and radiological aspects of atomic warfare, a corps of teachers who will return to their institutions and train others who, in courses given locally, will subsequently disseminate this information to local civil defense personnel.

The Atomic Energy Commission courses thus will be essentially teacher training in nature and at a comparatively high academic level. Individuals chosen to represent their respective states in this course should possess a background of experience in modern or nuclear physics or electrical or chemical engineering and have considerable teaching ability.

State governors are invited to nominate at least one person from their respective states for this training. In making nominations, it is suggested that the state university system be utilized to the fullest extent for both advice and selection of individuals for training and for the establishment of the subsequent training courses.

Names of candidates for this training should be submitted to the National Security Resources Board by each state governor not later than March 1, 1950, together with the statement of the education, experience, and present position of each individual. Because of the technical nature of the training to be given, it is believed advisable that the federal agencies review the individual qualifications.

These monitoring courses will be given at five locations: Brookhaven National Laboratory, Upton, Long Island; Oak Ridge National Laboratory and Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee; the Illinois Institute of Technology, Chicago, Illinois; Reed College, Portland, Oregon; and the University of California, Los Angeles. These courses will start in mid-March or soon thereafter, and will be approximately five weeks in duration. Government dormitory housing accommodations will be available at Brookhaven and Oak Ridge at a nominal cost.

Upon receipt of nominations from governors and acceptance of candidates, the NSRB will immediately issue invitations to all individuals selected for the radiological monitoring courses and will advise them of definite starting dates and centers to be attended. Because of the time factor involved, telegraphic invitations will be issued directly to the selected candidates.

2. PHYSICAL ASPECTS OF ATOMIC WARFARE

Another important phase of the program for wartime disaster relief planning is the establishment of training courses in the treatment of

radiological injuries among civilians. To meet this need the Atomic Energy Commission has planned and is now prepared to offer courses in this subject to a limited number of physicians from each state.

The purpose of these training courses is to provide at the state level a nucleus of trained physician teachers in the medical aspects of atomic warfare. It is assumed that physician teachers will return to their states and train others who will subsequently provide training for doctors, nurses, and dentists and allied professions at the local level.

To assist in selection of candidates and to keep registration within limits of available facilities, a committee composed of representatives of the AEC Division of Biology and Medicine, the NSRB and the interested universities and laboratories have specified the following sources from which selections should be made, and, criteria for individual qualifications:

A. Source Criteria:

1. A qualified teacher from each Class A, four-year medical school within the State;
2. A qualified teacher from each osteopathic college within the State approved by the American Osteopathic Association;
3. A qualified physician from the State Health Department;
4. A qualified physician from the largest professional association of physicians in the state.
5. A qualified physician from each city within the state having a population of 100,000 or more, and which is too far removed (at least 75 miles) from a medical school to be convenient in training the secondary group of teachers.

B. Criteria for Individual Qualifications:

Those nominated for the teacher training courses should meet the following qualifications:

1. Should be a competent, experienced teacher or educator;
2. Should have some background of special knowledge related to atomic energy in order that he can absorb a large amount of material on the medical aspects within the short training period of one week;
3. Should be interested in the field of atomic medicine to the extent that he would keep abreast of the advances in this field.
4. Should be willing to assume responsibility for teaching this subject to medical students, physicians, and other health personnel; and to cooperate with the State and community civil defense organizations.

It is suggested that the Governors of each State or territory may wish to appoint a committee to assist in nomination of candidates for these courses. Such a committee might be composed of the deans of Class A four-year medical schools within the state; the president of the state medical society or his designated representative, and the state health commissioner or his designated representative.

The location of the medical training centers and the states from which the candidates for each course will be drawn are indicated below. It is possible that, in some instances, not all candidates can be accommodated at the nearest AEC facility and that some of them may have to obtain training at one of the AEC facilities other than as indicated.

AEC Laboratory, University of Rochester, New York

Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont.

Johns Hopkins University School of Medicine, Baltimore, Maryland

Delaware, District of Columbia, Maryland, New Jersey, North Carolina, Pennsylvania, South Carolina, Virginia, Puerto Rico.

Western Reserve University School of Medicine, Cleveland, Ohio

Indiana, Kentucky, Michigan, Ohio, West Virginia

University of Alabama School of Medicine, Birmingham, Alabama

Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Tennessee.

Argonne National Laboratory, Chicago, Illinois

Illinois, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota, Wisconsin.

University of Utah School of Medicine, Salt Lake City

Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming.

AEC Project, University of California (Los Angeles)

Arizona, California, New Mexico, Oklahoma, Texas, Hawaii, Alaska.

The training courses at all centers will last one week. Those at the University of Rochester and Johns Hopkins Medical School will begin on March 27, 1950 and those at Western Reserve University Medical School on April 3, 1950. Definite starting dates for the other four centers will be determined and communicated to State Governors within the next ten days. Candidates for this training should be submitted to NSRB by each Governor not later than March 6, 1950, together with the statement of the education, experience and present position of each individual. As in the case of the monitoring courses, it is believed advisable that the federal agencies review the individual qualifications, because of the technical nature of the training to be given. Upon receipt of nominations from Governors and acceptance of candidates, the NSRB will immediately issue invitations to individuals selected from the medical training courses and furnish

them any additional necessary information. Because of the time factors involved, telegraphic invitations will be issued directly to the selected candidates.

PART II

Atomic Warfare Defense Reports

The second report in a series prepared for the National Security Resources Board by the Department of Defense and the United States Atomic Energy Commission, dealing with the effects of atomic explosion, is titled "Damage from Atomic Explosion and Design of Protective Structures." A mimeographed copy is enclosed.

Printed copies of this report will be sent soon to state civil defense agencies in numbers sufficient to meet their immediate needs for distribution to key state and local civil defense planning personnel. Additional printed copies may be secured from the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C., at 10 cents each, with a discount of 25% on quantities of 100 or more.

The first report in this series, entitled "Medical Aspects of Atomic Weapons", which was forwarded to states on December 2, 1949 as an enclosure with NSRB Document 121/2, is now available at 10 cents per copy and may be secured from the Superintendent of Documents, Washington 25, D. C. A discount of 25% is given on quantities of one hundred (100) or more.

Enclosure: Damage from Atomic Explosion and Design of Protective Structures.

1149227

DOE ARCHIVES

February 27, 1950

Commander J.J.C. Fee
Director, Naval Radiological Defense Laboratory
San Francisco Naval Shipyard
San Francisco 24, California

Dear Sir:

Confirming your telephonic conversation between Dr. Birchard Brundage and the undersigned on February 24, 1950, we should like very much to make the following items a matter of record:

A. The personnel attending the Civil Defense Monitor Training Course will be housed in San Francisco. Transportation to and from Hunter's Point will be made either by government vehicle or public conveyance. The student attending the course will comply with the Health Physics regulations established by the Bureau of Medicine, U.S. Navy Department, National Military Establishment, while aboard the U.S.S. Independence and in any other areas where such regulations are in force. It would be appreciated if a copy of regulations could be made available to the Project Director prior to the convening of this course.

Your office indicated that protective clothing and other allied equipment would be made available locally. If such is not the case, we should like very much to hear from your installation so that the proper equipment may be provided prior to the departure of the class from the Los Angeles area on March 24, 1950.

B. Laboratory space will be provided by the Naval Radiological Defense Laboratory to repair, sustain and store the Field Monitoring electronics equipment which will be provided by the Atomic Energy Project at the University of California at Los Angeles and will be used during the Field Training Program. The Atomic Energy Project will provide a Senior Electronic Technician who will maintain and repair this field equipment during the Training Period. Supplies for maintaining the electronics equipment will be supplied by the Field Party.

C. Transportation within the Naval Yard will be provided by the U. S. Navy.

D. It is understood that a conference room would be made available at the Naval Radiological Defense Laboratory on Friday, March 31, for the purpose of holding a critique on the overall aspects of the Training Course.

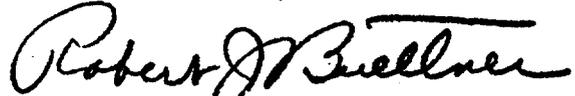
E. Dr. Birchard M. Brundage will function as the Field Director of this group and will be assisted by a number of members of the Atomic Energy Project at the University of California at Los Angeles. It is anticipated that a number of on-the-spot negotiations will have to be made by Dr. Brundage to bring this course to a successful culmination. We shall appreciate any assistance you can render Dr. Brundage to aid him in this Training Course.

1149228

DOE ARCHIVES

Dr. Stafford L. Warren, Project Director, wishes to extend his sincere appreciation for your assistance and cooperation in this endeavor which we all feel confident is a benefit and a step in the right direction toward training the populace and making them aware of the problems at hand.

Sincerely yours,



Robert J. Baettner
Project Manager

cc: Commander
S.F. Naval Shipyard
Bus. Mgr., UCLA
Mgr., SFOO, USAEC
Mgr., L.A. Proc. Off.,
(Attn: R. Killough)
File

- Encl: 1. Civil Defense Monitor Course (3 copies).
2. Civil Defense Medical Course (3 copies).
3. Personnel Requirements for Field Program (3 copies).
4. Letter to Commander, San Francisco Naval Shipyard (3 copies).

C O P Y

Carroll L. Tyler, Manager, SFOO, Los Alamos, NM
(THRU) Brig. Gen. James McCormack, Military Application
John A. Derry, Acting Executive Officer, Division of Biology and Medicine.
Washington Office
REQUEST FOR ESTABLISHMENT OF TRAINING COURSES - UCLA

February 13, 1950

SYMBOL: BMCD:WM

In connection with civil defense planning activities of the AEC under assignment of responsibility by the National Security Resources Board, the Division of Biology and Medicine has made arrangements with the Atomic Energy Project, UCLA, to give two types of civil defense instructor training courses. These courses are respectively in radiological monitoring and in the medical aspects of atomic warfare. The courses are described in general terms in the attached NSRB Bulletin which was dispatched to all State Governors on February 3, 1950.

It is requested that your office initiate a supplement or amendment to the existing contract # AT-O4-1-Gen-12 for the Atomic Energy Project, UCLA, with the University of California as may be necessary to cover the conduct of these courses by the University on behalf of the AEC. We have been informed that Mr. Robert Underhill, Secretary to the Regents, University of California is the proper person to be contacted with regard to contract arrangements for this program.

Dr. Stafford Warren has discussed with us the tentative financial requirements of the Atomic Energy Project for the conduct of this training. He will be able to furnish you detailed estimates of the costs to be incurred. It is requested that copy of the budget estimate and the proposed supplement be furnished this office for approval prior to actual amendment of the contract.

Enclosure
NSRB Doc. 121/3

cc: Dr. Stafford Warren, UCLA
Aley Allen, GC
Brig. Gen. James McCormack, MA

1149230

DOE ARCHIVES

Atomic Energy Project
P. O. Box 31
Beverly Hills, California
February 27, 1950

Carroll L. Tyler, Manager
Santa Fe Operations Office
U. S. Atomic Energy Commission
Los Alamos, New Mexico

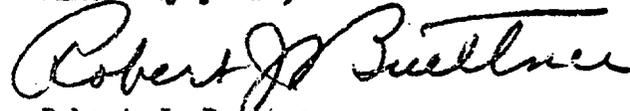
Dear Mr. Tyler:

Transmitted herewith are four copies of a brochure and proposed budget pertinent to the contemplated Training Program for Civil Defense Monitor and Medical Courses proposed by the National Securities Resources Board and the Division of Biology and Medicine of the United States Atomic Energy Commission.

Mr. Robert Killough, Legal Counsel for the Los Angeles Procurement Office, has been requested by the Contract Division of Santa Fe Operations Office to draft a proposed amendment to Contract No. AT-04-1-GEN-12 to permit the Atomic Energy Project at the University of California at Los Angeles to perform the duties outlined in the National Securities Resources Board Press Release. Mr. Robert Underhill, Secretary to the Regents of the University of California, has been made cognizant of this announcement and has been requested to contact your office to negotiate such a supplement.

It has been urgently requested that your office cooperate with Mr. Underhill in accomplishing these negotiations so that the Atomic Energy Project at the University of California at Los Angeles may fulfill its obligation to the National Securities Resources Board and the Division of Biology and Medicine of the Atomic Energy Commission.

Sincerely yours,



Robert J. Buettner
Project Business Manager

cc: Chief, L. A. Proc. Off. USAEC
Div. Bio. & Med., USAEC

- Encl:
- (1) Civil Defense Monitor Course (4 copies)
 - (2) Civil Defense Medical Course (4 copies)
 - (3) Civil Defense Monitor Course Supplies (4 copies)
 - (4) Personnel Requirements for Field Program (4 copies)
 - (5) Teletype to Mr. Underhill (4 copies)
 - (6) Letter from Div. of Biology and Medicine, USAEC (4 copies)
 - (7) Announcement from National Securities Resources Board (4 copies)
 - (8) Supplement to Contract No. AT-04-1-GEN-12 (4 copies)
 - (9) Letter to Mr. George Taylor (4 copies)
 - (10) Letter to L. A. Proc. Off., Attn. R. Killough (4 copies)
 - (11) Letter to Dr. Shields Warren (4 copies)
 - (12) Letter to Commander Fee (4 copies)
 - (13) Letter to Commander, S. F. Naval Shipyard (4 copies)
 - (14) Teletype to Mr. Underhill from SFOO (4 copies)

1149231

DOE ARCHIVES

C O I T

From: LOS ALAMOS, NEW MEXICO

Bureau: US ATOMIC ENERGY COMMISSION

ROUTINE TT

R. M. UNDERHILL
SECRETARY, THE BOARD OF REGENTS
UNIVERSITY OF CALIFORNIA AT LOS ANGELES
BERKELEY 4, CALIFORNIA

REOURTELCON FEBRUARY 21 CONCERNING CIVILIAN DEFENSE TRAINING COURSES AT UCLA. IT IS THE DESIRE OF THE AEC TO UTILIZE THE STAFF AND FACILITIES OF THE ATOMIC ENERGY PROJECT, UCLA, FOR THE CONDUCT OF TRAINING COURSES IN RADIOLOGICAL MONITORING AND IN THE MEDICAL ASPECTS OF ATOMIC WARFARE. THESE CIVILIAN DEFENSE INSTRUCTOR TRAINING COURSES ARE AUTHORIZED AS RESULT OF JOINT ACTION BY THE AEC AND NATIONAL SECURITY RESOURCES BOARD. STUDENTS FOR THESE COURSES WILL BE DESIGNATED BY THE GOVERNORS OF STATES OR TERRITORIES OF ARIZONA, CALIFORNIA, NEW MEXICO, OKLAHOMA, TEXAS, HAWAII AND ALASKA. PARA IT IS REQUESTED THAT THIS PROGRAM BE ACCOMPLISHED BY THE UNIVERSITY OF CALIFORNIA THROUGH A SUPPLEMENT TO THE EXISTING CONTRACT AT-04-1-GEN-12. IT IS CONTEMPLATED THAT SUCH A SUPPLEMENT WILL PROVIDE FOR THE ADDITIONAL EXPENDITURE OF TEN THOUSAND DOLLARS UNDER THIS CONTRACT TO MEET THE EXPENSES OF CONDUCTING THE REQUIRED COURSES. THIS ESTIMATE HAS BEEN PROVIDED BY DR. STAFFORD WARREN AND IS CONCURRED IN BY THIS OFFICE. PARA THIS MESSAGE IS TRANSMITTED TO YOU AT THIS TIME TO PERMIT A DISCUSSION OF THIS REQUEST AT THE FORTHCOMING MEETING OF THE UNIVERSITY BOARD OF REGENTS ON FEBRUARY 24. A SUPPLEMENT TO THE CONTRACT IS IN PROCESS OF DEVELOPMENT HERE AND IN LOS ANGELES AND WILL BE MAILED TO YOU AT AN EARLY DATE. MORGAN REF P

cc: John Derry, Biology and Medicine
Washington
Brig. Gen. James McCormack, DMA
Washington
Dr. Stafford Warren
Chet Brinck, Legal Division

CERTIFIED OFFICIAL:

1149232 ELMO R. MORGAN, MANAGER, 2/21/50 5:10 p.m.

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[REDACTED]
SERVICE REQUEST NO. 3

Date: March 1, 1950

Contract No. AT-04-1-GEN-12

Pursuant to the terms of Contract No. AT-04-1-GEN-12, The Regents of the University of California are hereby requested to supply the necessary services, facilities, materials, equipment and supplies, other than those which will be furnished by the Commission, to conduct civil defense instructor training courses in radiological monitoring and the medical aspects of atomic warfare. In general, these courses shall follow a program developed by the Commission in cooperation with the National Security Resources Board, but all details of curricula and method of training within this general limitation shall be determined by the University.

Reimbursement will be made for expenditures in carrying out the provisions of this Service Request pursuant to the provisions of the basic contract, provided that such reimbursement shall not exceed Ten Thousand Dollars (\$10,000.00). Expenditures shall approximately conform to the to the proposed budget for this work which has been furnished to the Commission.

The provisional amount for overhead to be included in invoices and statements of costs, subject to retroactive revision as provided in Article IV, Section 1, Subsection (f) of the contract, shall be twelve percent (12%) of any salaries and wages paid to personnel as compensation for direct employment in connection with work under this Service Request, including such salaries and wages as are paid to such personnel while on regularly allowed vacation or sick leave.

Acceptance of this Service Request will be indicated by signing the original and four copies, and returning the original and three copies to the U. S. Atomic Energy Commission, Santa Fe Operations Office, Los Alamos New Mexico.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: A. A. SINISGALLI	DETERMINATION (CIRCLE NUMBER(S)) 1. CLASSIFICATION RETAINED 2. CLASSIFICATION CHANGED TO: 3. CONTAINS NO DOE CLASSIFIED INFO COORDINATE WITH: 4. CLASSIFICATION CANCELLED 5. CLASSIFIED INFO BRACKETED 7. OTHER (SPECIFY):
REVIEWER (ADD): 11-2-94	
NAME: [Signature]	
DATE: 11-9-94	

THE UNITED STATES OF AMERICA

By
Carroll L. Tyler, Manager
Santa Fe Operations Office
U. S. Atomic Energy Commission

ACCEPTED:

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

By _____

1149233

C
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DOE ARCHIVES

February 27, 1950

Mr. Walter W. Stagg
Chief, Los Angeles Procurement Office
U. S. Atomic Energy Commission
P. O. Box 9007, Station "S"
Los Angeles 5, California

Attn: Mr. Robert Killough

Dear Sir:

Transmitted herewith in accordance with your verbal request of February 24, 1950, is a copy of the correspondence and brochure pertinent to the Civil Defense Training Courses which were transmitted to Mr. George Taylor, Business Manager, University of California at Los Angeles, for submission to the President of the University of California.

It would be appreciated if your office could supply the Project Director with a copy of the proposed draft of the supplement to Contract No. AT-04-1-GEN-12 which will permit the Project to effect these training courses.

Sincerely yours,



Robert J. Buettner
Project Manager

CC: Dir. Bio. & Med., USAEC
Mgr., SFOO
File

- Encl:
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