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FCM 54-1208-0

20 AUG 1954

SUBJECT: Proposed Organization for Continental Tests

**TO: Manager
Santa Fe Operations, USARMC
P. O. Box 5400
Albuquerque, New Mexico**

1. In accordance with request contained in your memorandum of 26 July 1954, the following comments are submitted regarding your proposed chart for the continental test organization and the functional statements attached thereto.

a. The position of the Military Deputy on the chart is such as to preclude the effective discharge of responsibilities assigned to him by this Command and does not properly reflect the interests and responsibilities of the Department of Defense. It is therefore recommended that the Military Deputy be placed at the top of the chart immediately under the Test Manager and that he serve both as Military Deputy and Military Advisor. This action would reflect the proper relationship between the Military Deputy and the participating and supporting DOD units and at the same time effect a more efficient utilization of personnel through elimination of the Military Advisor position. For consistency of organization it is further recommended that the chart reflect a true balance of duties by including the Support Director on the same level. In this respect it is also felt that the across-the-board use of "Deputy" should be made.

b. It is suggested that the section in the chart designated as "Staff Services" should be more appropriately designated as a "Joint Operations Center." The functions listed here are operational as compared to such staff services as logistical and administrative support which are reflected elsewhere in the chart. A Joint Operations Center operating directly under the Test Manager could keep a finger on the pulse of the entire operation and be able to provide up-to-the-minute information on any phase of the operation at any time, thus providing an excellent means for centralized control.

c. With reference to the section designated "Public Relations", it is suggested that "Test Information Office" would be a more suitable title for this function. The title "Public Relations" implies more emphasis on publicity than is considered warranted in an operation of this nature.

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It is further recommended that the Visitors' Bureau and Classification be established separately from the Test Information or Public Relations Office and be jointly staffed by AEC and DOD personnel. It appears that the functions of the Visitors' Bureau could be performed more efficiently as a separate office since it must be physically located at the Nevada Proving Grounds whereas the main Test Information Office will probably be in Las Vegas. Dissection and coordination of Visitors' Bureau activities on the spot, where it may be anticipated that most problems and complications will arise, will save time, avoid confusion and thus eliminate possible embarrassment in connection with the handling of VIP and other observers. It will also relieve some of the burden on communications facilities between the NPG and Las Vegas. As regards Classification, it is felt that its functions are separate and distinct from the Test Information or Public Relations Office to the extent that it warrants a separate office to fulfill the extensive and impartial scope of its mission.

d. Placing the Field Command Support Unit under the control of the Support Director is somewhat unrealistic in view of the fact that this unit is purely military, is primarily charged with the support of military activities at NPG, and must operate in accordance with existing laws and regulations which apply exclusively to the military, and which must be administered through military channels. In light of the above, no serious objections will be offered to the arrangement suggested if reasons exist which are not now apparent. Regardless of the organization decided upon, you may rest assured of the utmost cooperation and support from this Command.

e. The chart also reflects a misunderstanding of the relationship between the Test Organization and the DOD units operating on a mission basis, as evidenced by those functions marked with an asterisk under the Scientific Director and AEC Support in connection with the accompanying footnotes. These units will actually remain under the operational control of their respective parent organizations. In the strict military usage "operational control comprises those functions of command involving the composition of subordinate forces, the assignment of tasks, the designation of objectives, and the authoritative direction necessary to accomplish the mission. Operational control should be exercised by the use of the assigned normal organizational units through their responsible commanders or through the commanders of subordinate forces established by the commander exercising operational control. It does not include such uni-service matters as administration, discipline, internal organization and unit training, except when a subordinate commander requests assistance." This will in no way affect direct contact and complete coordination between the units and test agencies requiring their services as has been followed in past test series but is mentioned here for the purpose of having the organization chart accurately depict the relationship.

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2. The changes recommended above are submitted in the interest of simplicity, economy, and clarification of responsibilities and channels for key personnel and units. Attached for your consideration are a revised organizational chart and functional statements which have been prepared in consonance with these recommended changes.

FOR THE COMMANDING OFFICER:

2 Incls

**1. Organizational
Chart**

2. Functional Statements

H. E. PARSONS

Colonel, USAF

Acting Director, Weapons Effects Tests

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M/R: The above letter comments on the memorandum from SFO on a "Proposed Organization for Continental Tests", dated 26 July 54 (see WET 54-976). Philosophy of our reply and the organizational chart attached hereto is an extension of the organizational chart attached to letter which was written and handcarried to Chief, AFSWP, file FCWET 322 and dated 23 April 1954. Lt Col Connelly, dms/27126.

Handwritten initials/signature

**FUNCTIONAL STATEMENTS
FOR
PROPOSED CONTINENTAL TEST ORGANIZATION**

17 August 1954

DIRECTORATE OF WEAPONS EFFECTS TESTS

TEST MANAGER

Responsible for the over-all direction and conduct of test operations at the Nevada Proving Grounds and operational planning thereof (exclusive of scientific experiments). This responsibility includes administrative and operational control of the Nevada Proving Grounds; authority to modify approved programs as dictated by operational conditions during the operational period (in exercising such control for weapons effects programs will report directly to the Commanding General, Field Command, AFSWP; for civil effects will report to FCDA, Washington; and for weapons development (LAWL and HUSL) will report to AEC, Washington); assignment and allocation of camp and test site facilities; establishment and enforcement of all security procedures deemed necessary for the proper administration and control of the Nevada Proving Grounds; establishment of a joint AEC-DOO Test Information Office; establishment of general safety practices at NPG in conformity with AEC directives and general operating procedures; joint planning with the Deputy for Military Operations and the Exercise Director on phases of Exercise Desert Rock VI which involves activities within NPG and incorporation of these activities in the Test Manager's Operation Plan; and establishment of adequate evacuation plans for NPG.

DEPUTY FOR MILITARY OPERATIONS

Deputy for Military Operations

As the senior military representative for the Armed Services at the Nevada Proving Grounds, discharges the responsibilities of the Commanding General, Field Command, AFSWP, in all matters pertaining to test activities. Responsibility to the Test Manager includes, in conjunction with the Test Director, general technical direction of weapons effects of primary concern to the Armed Forces and the weapons effects phases of the development or other tests of atomic weapons involving nuclear detonations at NPG; coordination of military participation and assistance in the support of the Atomic Energy Commission in the conduct of such nuclear detonations; completion of detailed plans, preparation for, and the conduct of the technical program for weapons effects tests and the submission of complete reports upon the conclusion of field operations; keeping the Commanding General, Field Command, AFSWP, informed of readiness for and progress of tests; and such other functions as the Test Manager may assign.

Exercise Director, Desert Rock VI

Responsible to the Commanding General, Sixth Army, for the control, administrative and logistic support, safety of all troop participants and troop observers, and over-all coordination of the Army, Navy (including Marine Corps), and Air Force troop and observer participation in Exercise Desert Rock VI; and to the Test Manager, through the Deputy for Military Operations, for the plans and conduct of operation of Desert Rock activities within the Nevada Proving Grounds.

Operational Training Projects (ODP)

Projects of various services considered to have as primary aims the testing of service tactics and operational equipment, and the training and indoctrination of military personnel (exclusive of Desert Rock activities). Projects in this category are separate and distinct from other DOD projects included in the Military Effects Group under the general direction of the Test Director. General responsibility for the guidance and coordination of these projects rests with Field Command, AFSP, and will be implemented by the Director, Weapons Effects Tests, during the planning or pre-operational period and by the Deputy for Military Operations for the operational phase of the test series.

DEPUTY FOR SCIENTIFIC OPERATIONS

Provides staff assistance to the Test Manager on matters involving the scientific conduct of the test program; is chairman of the Advisory Panel; and acts for the Test Manager in the absence of the latter.

DEPUTY FOR SUPPORT OPERATIONS

Responsible to the Test Manager for providing support (other than military), general administration, and security of the Nevada Proving Grounds.

ADVISORY PANEL

Responsible to the Test Manager for the full evaluation of those conditions requiring consideration prior to the detonation of a nuclear device

and, on the basis of qualifications in bio-medical aspects of radiation and in fall-out prediction, advising the Test Manager on the execution or delay of a scheduled detonation. The Chairman of the Advisory Panel will be the Deputy for Scientific Operations.

CLASSIFICATION

Responsible to the Test Manager for the joint AEC-DOD planning and execution of the program of classification and declassification, including the preparation of and interpretation of the classification guide, the review of reports issued during the test operational period, and the classification of specific pieces of data including photography. However, prior to distribution, all technical reports are submitted to the Classification Officer or his assistant.

TEST INFORMATION OFFICE

Responsible to the Test Manager for planning, coordinating, controlling, and executing the Public Information Program relating to continental atomic tests. This responsibility includes liaison with DIS-Washington on the supporting program of national education and information; management of public affairs projects as assigned; coordination with Classification Officer for review and clearance of all documentary or other photography for unclassified public release purposes during the operational period; and the execution of plans for representatives of the press, radio, television, and organized parties of the Federal Civil Defense Administration observers.

JOINT OPERATIONS CENTER

Responsible to the Test Manager for the planning, coordination, supervision, and centralized control of the various activities of the test operations. This responsibility includes the close supervision and control of such activities as Air Operations, On-Site Radiological Safety, Air Weather, fall-out prediction, and blast prediction; general safety coordination of test operations; preparation and publication of the Test Manager's Operation Plan; and coordination of activities with the CAA, the NYOC, Desert Rock, and such other agencies as may be concerned with the test operations.

FCDA DEMONSTRATIONS AND OBSERVERS

Responsible to the Test Manager for the FCDA demonstration and observer program as distinct from the technical direction of civil effects tests and coordination of FCDA and AEC weapons effects participation. This responsibility includes conduct of field exercises, briefings, transportation, housing, security liaison, and training photography matters.

VISITORS' BUREAU

Responsible to the Test Manager for the combined AEC-DCL plans, coordination, and administration of the Visitors' Bureau program to include reception, billeting, transportation, briefing, and orientation of official visitors other than those in the Desert Rock and FCDA observer programs.

TEST DIRECTOR

Test Director

Responsible to the Test Manager for planning, general direction, coordination, and conduct of the scientific test programs as well as the preparation and the firing of the nuclear devices. This responsibility includes preparation, assembly, transportation, installation, instrumentation, testing, and firing of designated weapons; preparation, monitoring, and conduct of the scientific experimental programs; assurance that proper safety precautions are observed by all agencies of the Test Director's organization in connection with each shot; arrangement with the Support Director for local security measures for restricted and exclusion areas; coordination with the Test Manager's classification office in reviewing and classification authorizations for all data, including photography, generated in connection with the tests; evacuation of personnel from test areas proper if such evacuation is required; and notification to the Director, LASL, as to the readiness for and progress of tests.

Military Effects Group

Responsible, under the over-all direction of the Test Director, for the supervision of the technical aspects and the conduct of experiments and tests on phenomena and physical effects of all projects related to atomic

weapons effects tests which are directed by Chief, AFSWP, for implementation by the Commanding General, Field Command, AFSWP, and in turn the Deputy for Military Operations. This responsibility includes review of experimental procedures and techniques; determination of over-all test layouts of military effects experiments; completion of detailed plans, coordination, and conduct of all military effects programs; assistance in the solution of experimental problems; and submission of post-operation reports for military effects programs as required.

Weapons Development Group (LASL)

Responsible to the Test Director for the supervision and conduct of the technical experiments and the evaluation of data acquired therefrom primarily related to weapons development or diagnostic tests which are conducted by AEC laboratories engaged in research and development of new and improved weapons and under the purview of the Los Alamos Scientific Laboratory. This responsibility includes supervision of the installation, calibration, and checking as appropriate, all instruments and test apparatus connected with weapons development programs (LASL); completion of detailed plans and coordination and conduct of the technical weapons development programs; assistance in the solution of experimental projects; and the submission of post-operation reports for weapons development programs as required.

Weapons Development Group (UCRL)

Responsible to the Test Director, for the supervision and conduct of the technical experiments and the evaluation of data acquired therefrom primarily related to weapons development or diagnostic tests which are conducted by AEC laboratories engaged in research and development of new and improved weapons and under the purview of the University of California Radiation Laboratory. This responsibility includes supervision of the installation, calibration, and checking as appropriate all instruments and test apparatus connected with weapons development programs (UCRL); completion of detailed plans and coordination and conduct of the technical weapons development programs; assistance in the solution of experimental projects; and submission of post-operation reports for weapons development programs as required.

Civil Effects Group

Responsible to the Test Director for the supervision and conduct of technical experiments and evaluation of the data acquired therefrom primarily related to effects of nuclear detonations of interest to agencies other than the DOD, LASL, and UCRL such as AEC-DEM and FCDA. This responsibility includes supervision of the installation, calibration, and checking as appropriate, all instruments and test apparatus connected with civil effects programs; completion of detailed plans, coordination and conduct of the technical civil effects programs; assistance in the solution of experimental projects; and submission of post-operation reports for civil effects programs.

FIELD COMMAND SUPPORT UNIT

Responsible, as the representative of the Director, Weapons Effects Tests, and the Commanding General, Field Command, AFSTF, for providing and/or arranging for the logistical support of DOD activities at the Nevada Proving Grounds and coordinating with the Support Director in furnishing support to the AEC, its contractors, and any other government agency participating in test activities pursuant to such general agreements between the Atomic Energy Commission and the Department of Defense as are in effect at the time.

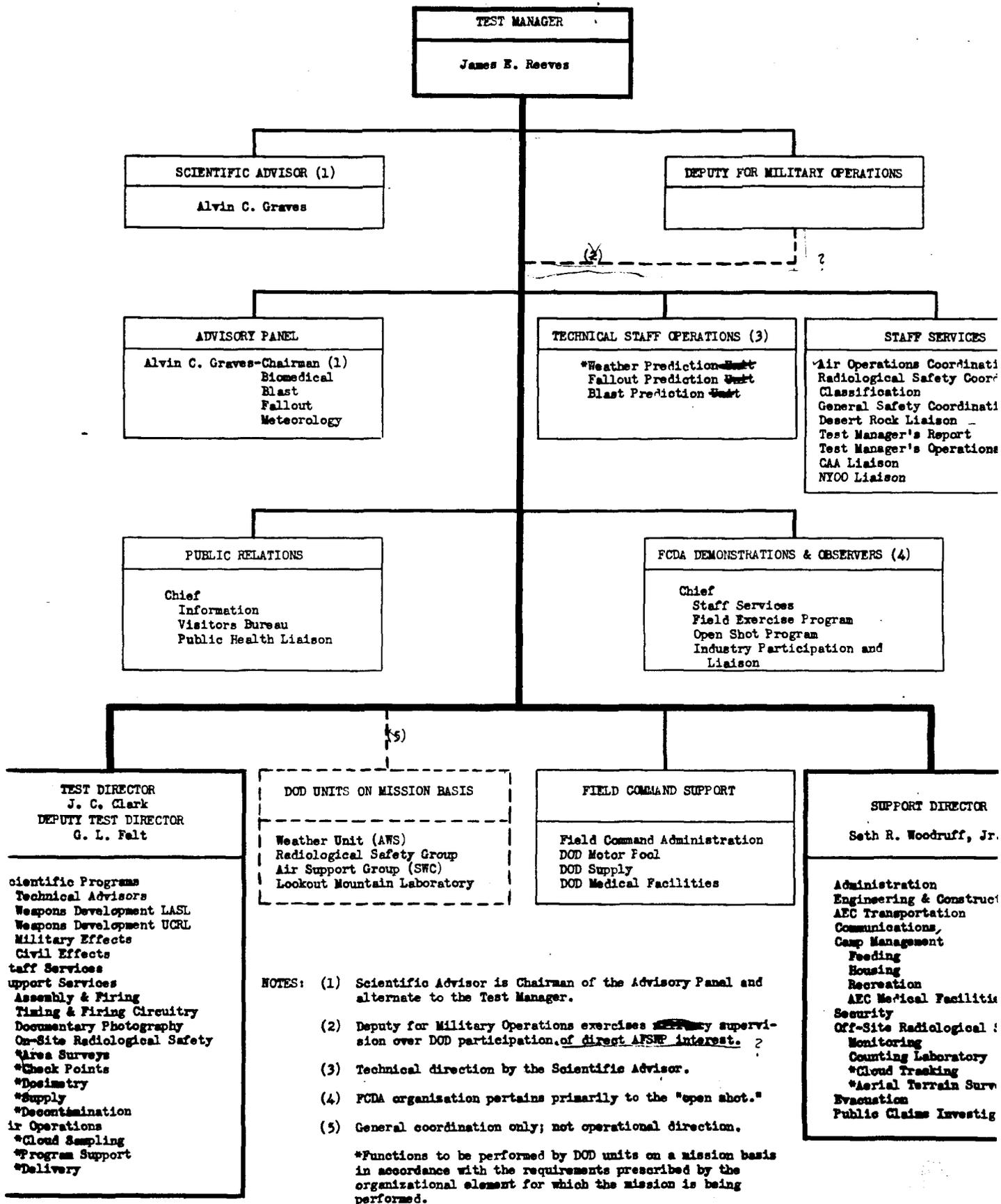
SUPPORT DIRECTOR

Responsible to the Test Manager for the general administration, support (other than military), and security of the Nevada Proving Grounds. This includes provision of camp facilities for participating personnel and agencies; supervision of all contract construction at the Nevada Proving Grounds; supervision of over-all safety, health, fire protection and prevention measures at NPG; provision of security procedures for the protection of NPG and material located therein; issuance of all passes and badges for use at NPG; evacuation of personnel from Camp Mercury and such other areas when and as the Test Manager may designate; plans, maintenance, control, and administration for the off-site radiological-safety program; provision of radiological-safety clothing and equipment for personnel participating in test operations; operation of a central motor pool for all AEC owned or controlled vehicles; provision of necessary vehicular transportation at the test site (exclusive of the needs of Camp Desert Test and military test programs); provision of warehousing and storage facilities; upon request, arrangement for transportation between Las Vegas and Camp Mercury for materials arriving or to be dispatched by rail; maintenance of a transportation office to make reservations for personnel leaving the NPG by commercial means; and maximum utilization of space in planes chartered by the Atomic Energy Commission on flights from Las Vegas-NPG area to Albuquerque, Santa Fe, and Los Alamos.

DOD UNITS ON MISSION BASIS

This category includes the Air Weather Unit, the Radiological-Safety Unit, the Aircraft Participation Unit, Lookout Mountain Laboratory, and such other DOD units requested by AEC-DOD for the successful prosecution of the testing programs.

CONTINENTAL TEST ORGANIZATION
(DRAFT - September 9, 1954)



NOTES: (1) Scientific Advisor is Chairman of the Advisory Panel and alternate to the Test Manager.

(2) Deputy for Military Operations exercises ~~primary~~ supervision over DOD participation of direct AFSWP interest.

(3) Technical direction by the Scientific Advisor.

(4) FCDA organization pertains primarily to the "open shot."

(5) General coordination only; not operational direction.

*Functions to be performed by DOD units on a mission basis in accordance with the requirements prescribed by the organizational element for which the mission is being performed.