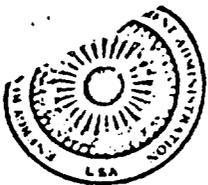


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UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
NEVADA OPERATIONS OFFICE
P. O. BOX 14100
LAS VEGAS, NEVADA 89114

February 23, 1977

NV Principal Staff
DSS&C, ERDA/HQ
FC/DNA, Albq., NMex
FC/DNA, Hickam AFB, Hawaii
Attn: Col. Howard Thompson
EG&G, Inc., Las Vegas, Nev.
EIC, Santa Fe, NMex.
H&N-PTD, Honolulu, Hawaii
DRI, Reno, Nevada

ENEWETAK RADIOLOGICAL SUPPORT PROJECT

Attached is the approved Project Management Directive and
Concept of Operations for the subject project.

Mahlon E. Gates
Manager

Enclosure:
Directive



L. Joe Deal Personal Files

PROJECT MANAGEMENT DIRECTIVE AND CONCEPT OF OPERATIONS
FOR THE ENEWETAK RADIOLOGICAL SUPPORT PROJECT

01. Background

At the end of World War II the United States, as a trustee for the Trust Territory of the Pacific Islands (TTPI), assumed jurisdiction of the Marshall Islands which includes the islands of the Enewetak Atoll. In 1947 the people of Enewetak were relocated to Ujelang, where they remain. Between 1948 and 1958 the United States used Enewetak as a nuclear proving ground.

In April 1972 the United States announced its intention to return Enewetak Atoll to the Trust Territory Government by the end of 1973. The Department of Defense (DOD), Department of the Interior (DOI) and the Energy Research and Development Administration (ERDA) (then the U. S. Atomic Energy Commission) were tasked to cleanup and rehabilitate the islands for resettlement by the People of Enewetak. The task was divided into three phases:

- a. Survey and Preliminary Planning Stage. This phase resulted in agreement on agency responsibilities, a radiological survey, an engineering study and an environmental impact statement being accomplished.
- b. Cleanup Phase. To be accomplished by the DOD by removing or neutralizing the debris, both radioactive and non-radioactive.
- c. Rehabilitation and Resettlement Phase. The DOI has the responsibility to provide housing and community buildings and for replanting of the Atoll. It is planned for this phase to start about 90 days after the cleanup commences.

On September 16, 1976, the United States and the Trust Territory signed documents to return control of the Atoll to the Enewetak People, with the United States retaining residual rights to permit the cleanup of the Atoll to take place.

The Defense Nuclear Agency (DNA) was designated as the DOD Project Manager for matters concerned with the cleanup of Enewetak Atoll. Through an Interagency Agreement with DNA, ERDA agreed to provide

radiological support to the cleanup operation. The support includes providing advice relative to radiological cleanup and "certification" when the cleanup has been completed. ERDA Headquarters delegated the responsibility for accomplishing its commitments to the Nevada Operations Office (NV).

02. Purpose

The purpose of this document is to briefly outline the scope of the Project, identify the NV concept of operations, and assign responsibilities for project management within NV.

03. Scope

NV participation in the Enewetak cleanup operation will consist of:

- a. Providing on-island analytical laboratory support in field mobile units. The function of the laboratory is to (1) confirm and supplement field survey data on which actual cleanup decisions are made; (2) calibrate and maintain instruments; and (3) provide laboratory support to the DNA health physics program.
- b. Classifying soils as to levels of radioactivity. This will be accomplished by the use of radiation detection, measurement and data recording instruments mounted on powered vans.
- c. Advising DNA as to existing radiation levels and certifying (documenting) the radiological condition of the Atoll when cleanup is complete.

04. NV Concept of Operations. Radiological Support.

NV plans to manage this effort as a project and has assigned a Project Manager to direct, manage and control the entire ERDA effort. NV staff support will be furnished to the Project Manager by the individuals shown on Attachments 1 and 2. The on-site operations will be directed by the Project Manager or in his absence one of the Deputy Project Managers serving on rotational assignments. The Project Manager and Deputies will also be assisted by a Technical Representative who has a high degree of expertise in health physics. The Technical Representative will also serve on a rotational basis and will be named from the NV

Bioenvironmental Sciences Division, possibly augmented by personnel from the ERDA National Laboratories and the Environmental Protection Agency (EPA).

NV contractors will be utilized in the following manner:

a. EG&G, Inc.

EG&G will equip, maintain and operate van-mounted radiation detection measurement and data recording systems. EG&G will also perform the reduction, analysis and interpretation of data from these systems.

b. Eberline Instrument Corporation (EIC)

EIC will equip, maintain and operate field analytical and instrument calibration laboratories in support of the cleanup operation.

c. The Desert Research Institute (DRI)

DRI will assist in the on-site interpretation and mapping of data collected by EG&G. DRI will also provide advice as to sampling areas and arrays as requested by the Project Manager.

d. Although not a part of the Project Organization, Holmes & Narver, Inc., Pacific Test Division (H&N-PTD), as base support contractor, will furnish logistics and operations and maintenance support under direction of NV's Pacific Area Support Office (PASO).

05. Schedule

DNA has established July 15, 1977 as the tentative date to commence operations at Enewetak. NV has committed to provide an interim capability for radiological support on this initial date and to bring its full capability on line as soon thereafter as fabrication checkout and shipping schedules will permit.

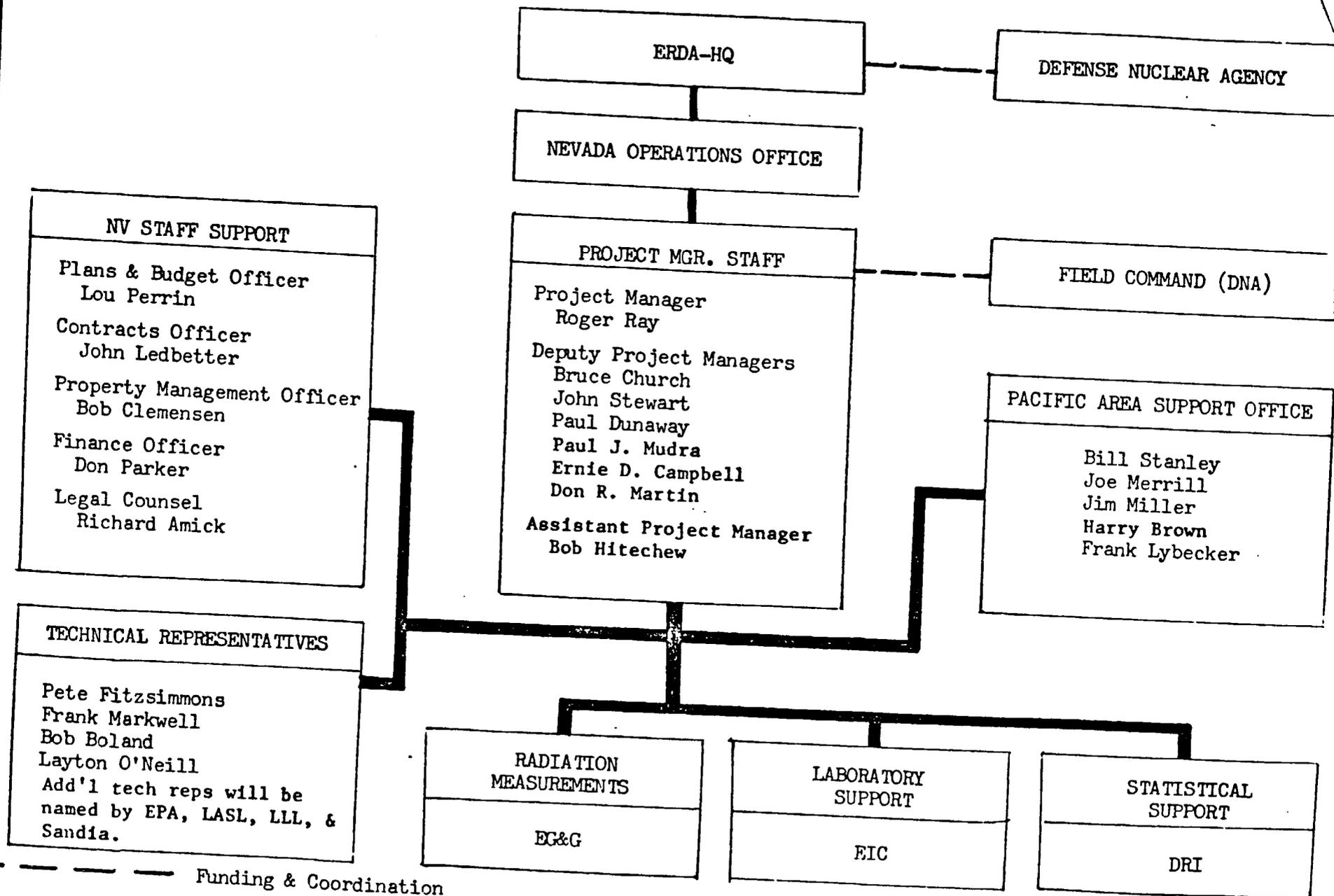
06. Funding

Funding for the DOE support to the DNA cleanup operation will be jointly provided by DOE and DNA.

The DNA portion of the support funding is \$1.5M. All additional expense will be funded by the DOE.

(amended)

ENEWETAK RADIOLOGICAL SUPPORT PROJECT



Funding & Coordination

ENEWETAK RADIOLOGICAL SUPPORT PROJECT-ASSIGNMENT SUMMARY

Function	Personnel	Organization	Responsibility
Project Manager	Roger Ray	Office/Assistant Manager for Environment and Safety	Provides project management direction, coordination and control; advise the Commander, JTG in radiological matters.
Deputy Project Managers	Paul Dunaway Bruce Church Paul J. Mudra John Stewart Ernie D. Campbell Don R. Martin	Bioenvironmental Sciences Div. " " " Operations Support Division " " Bioenvironmental Sciences Div. Safety Division	Assists the Project Manager and acts for him during assigned tours of duty at Enewetak.
Technical Representatives	Pete Fitzsimmons Bob Boland Frank Markwell Layton O'Neill Additional technical representatives will be named by EPA, LASL, LLL, & Sandia.	Bioenvironmental Sciences Div. " " " " " " " " "	Interprets technical data and advises the Project Manager relative to cleanup and certification. Provides on-site advice and assistance to DOD cleanup team.
Assistant Project Manager	Bob Hitechew	Office/Assistant Manager for Environment and Safety	Provides continuity and coordination of NV in-house support and interface with Field Command, DNA and maintains fiscal control over ERDA contracts.
NV Support	Lou Perrin Don Parker Bob Clemensen John Ledbetter Richard Amick	Plans and Budget Division Finance Division Property Management Division Contracts and Procurement Div. Legal Counsel	Serves as the point of contact and provides advice and assistance in areas of expertise as indicated by NV organizational assignments. Assists in legal counsel.
Pacific Area Support	Bill Stanley Joe Merrill Jim Miller Harry Brown Frank Lybecker	Pacific Area Support Office " " " " " " " " " " " "	Provides assistance in the areas of logistics and contract administration to the Project Manager and the ERDA Contractors.