



Department of Energy

Pacific Area Support Office

P.O. Box 29939

Honolulu, HI 96820

28 AUG 1984

Addressees

OPERATIONS PLAN - MISSION NO. 8, FY 1984, LAWRENCE LIVERMORE NATIONAL LABORATORY - ENEWETAK AND BIKINI ATOLLS, SEPTEMBER 5-20, 1984

The enclosed Operations Plan covers Mission No. 8 FY 1984 and has been coordinated with LLNL (Vic Noshkin), DOE Coordinator (Mike Justice), DOE Acting Coordinator, Kwajalein (Tom Daly), USO, and H&N/PO.

For additional information, please contact Harry Brown or Bill Jackson at 808 422-9211.

for *W. J. Stanley*
W. J. Stanley
Director

OP-441:WDJ

Enclosure:
Operations Plan

Addressees

- Hon. Janet McCoy, HICOM, TTPI
- Hon. Oscar deBrum, Chief Secretary, REPMAR, Majuro
- Hon. Tony deBrum, Minister, Foreign Affairs, REPMAR, Majuro
- Hon. Henchy Balos, Senator, The Nitijela, Majuro, MI
- Hon. Ismael John, Senator, The Nitijela, Majuro, MI
- John Rudolph, DP-224, DOE HQ
- Roger Ray, DPO, NV
- Dorner T. Schueler, Jr., AMA, NV
- William J. Stanley, Dir., PASO
- Dr. V. Noshkin, LLNL
- Dr. W. Robison, LLNL
- C. E. Ottermann, USO, San Diego
- Col. W. A. Spin, Commander, KMR
- D. K. McLaughlin, Res. Mgr., Global Associates, Kwaj.
- Tom Daly, KMR, Kwajalein
- Jiba Kabua, Chief Secretary's Rep., REPMAR, Kwaj.
- Captain Keith Coberly, USO, Kwaj.
- Mike Justice, DOE Coordinator, Kwaj.
- Reynold deBrum, DOE Coordinator, Majuro
- H&N/PO (D. Brush, P. Haggerty, J. Matthewman, W. Koga, J. Foard, S. Miyasato)
- Harry U. Brown, DOE/PASO
- William D. Jackson, DOE/PASO



OPERATIONS PLAN
MISSION NO. 8 FY 1984
ENEWETAK AND BIKINI ATOLLS

I. Background and Purpose

Lawrence Livermore National Laboratory (LLNL) conducts DOE-sponsored programs in the Marshall Islands involving the sampling, measurement, and cycling characteristics of radionuclides in the soil, water, air and biota. The results of these investigations are significant to the extent that they can be used to assess current and predict future radiological conditions which have important safety implications for the people of these atolls.

II. Work to be Performed

The main purpose is to obtain selected marine and groundwater samples for radiological analysis. Specifically:

- a. To collect fish and water from Enewetak and Bikini Islands.
- b. To sample groundwater on Enjebi and Runit Islands in Enewetak Atoll and at Bikini Atoll.
- c. To sample water and collect plankton samples in the waters between Enewetak and Bikini Atolls.

III. Responsibilities

Victor E. Noshkin - Party Chief
Rodney J. Eagle
Kai M. Wong
Terrance Jokela
John M. Dawson

IV. M. V. Liktanur Schedule (U.S./Kwajalein dates)

September 5	Lv: Kwajalein
September 7	Ar: Enewetak
September 11	Lv: Enewetak
September 12	Ar: Bikini
September 19	Lv: Bikini
September 20	Ar: Kwajalein

V. Personnel and Itineraries

<u>Name</u>	<u>Org</u>	<u>Ar: Kwa</u>	<u>Lv: Kwa</u>	<u>Ar: Ene</u>	<u>Lv: Bikini</u>	<u>Ar: Kwa</u>	<u>Lv: Kwa</u>
Vic Noshkin	LLNL	9/3	9/5	9/7	9/19	9/20	9/20
Rod Eagle	LLNL	9/3	9/5	9/7	9/19	9/20	9/20
Kai Wong	LLNL	9/3	9/5	9/7	9/19	9/20	9/20
T. Jokela	LLNL	9/3	9/5	9/7	9/19	9/20	9/20
John Dawson	LLNL	9/4	9/5	9/7	9/19	9/20	9/20

VI. Logistical Support

a. H&N

1. Make all appropriate travel, hotel, vehicle (if needed), etc., for LLNL team, including travel orders, tickets, and clearances for Kwajalein.
2. Insure coordination and shipping of mission equipment and samples, including purchase and shipment of winch cable to Kwajalein, and frozen samples to LLNL via Honolulu after mission.
3. Insure availability and readiness of barges at Enewetak for use in Bikini to carry transporter van ashore at Enyu Island.
4. Provide a Field Station vehicle for use by LLNL at Enjebi Island.

b. DOE Coordinator, Kwajalein

1. Arrange billeting and ground transportation for LLNL party.
2. Check out, repair as necessary, and load ~~BNL~~ laboratory trailer on board Liktanur II.
3. Ensure transporter van and its cargo of concentrated acids is checked, cargo properly stowed, and loaded aboard Liktanur II. (All acids to be specifically checked and handled by LLNL team).
4. Ensure at least two freezers are working and loaded aboard ship for mission use.
5. Coordinate the frozen storage and shipment of samples back to LLNL at conclusion of mission,
6. Ensure winch at Kwajalein is functioning, cable is installed, and unit loaded aboard Liktanur II.

VII. Funding

Program charges for this mission are to be recorded against SANL 317-002.

VIII. The Party Chief is to provide a report on the mission no later than 30 days after completion of the operation to the Director, PASO with an information copy to the Deputy for Pacific Operations, Office of the Manager, NV. This report should be concise and offer any comments or recommendations which will improve future operations.