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UNITED STATES  
ATOMIC ENERGY COMMISSION

OAK RIDGE OPERATIONS  
P.O. BOX E  
OAK RIDGE, TENNESSEE 37830



AREA CODE 615  
TELEPHONE 483-8611

September 7, 1972

W. B. Hills, Director, Pacific Area Support Office

PUERTO RICO NUCLEAR CENTER SPECIAL OCEANIC RESEARCH AT ENIWETOK AND BIKINI

Reference is made to the visit to your office in early June by Dr. Frank G. Lowman, PRNC, and Dr. William Forster, DBER-Headquarters, concerning preliminary arrangements for a study of the distribution patterns and biogeochemistry of Np, Pu, and Am at the Eniwetok and Bikini Atolls. The Division of Biomedical and Environmental Research has authorized this project to be conducted by the Puerto Rico Nuclear Center under the direction of Dr. Frank G. Lowman of the PRNC. Our Puerto Rico Area Office (PRAO) has requested that arrangements for the logistic support and clearances necessary to the project be made according to the enclosed schedule. We shall appreciate your assistance in arranging for the logistic support in the Kwajalein-Eniwetok-Bikini areas, and in obtaining the clearances as may be necessary for the Research Vessel R. F. Palumbo, its operating crew, and scientific and supporting staff to carry out the survey. Details for the project are outlined in the enclosed memorandum from F. G. Lowman to J. P. Morgan dated August 22, 1972. With regard thereto the following is noted:

1. PRAO has made arrangements for the logistic support for the R/V Palumbo for those portions of the voyage from Puerto Rico to Honolulu, and the return from Honolulu to Puerto Rico. Your assistance in arranging for the purchase of diesel fuel by the Palumbo from the Standard Oil Company in Honolulu is appreciated.
2. The Division of Biomedical and Environmental Research, Headquarters, is making the contact with the Trust Territory.

Costs covering the logistic support provided to the Palumbo at Kwajalein

<u>Approximate Date</u>	<u>Support Needed</u>
October 5, 1972	8,000 gal. marine grade diesel fuel 5,000 gal. fresh water
November 20, 1972	5,000 gal. marine grade diesel fuel 5,000 gal. fresh water

**ORIGINAL**

REPOSITORY DOE/PASO  
 COLLECTION DOE/NV  
 BOX No. 1234  
 FOLDER ENIWETOK RADIOLOGICAL SURVEY 6/72-11/76

*Palumbo*

W. B. Hills

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September 7, 1972

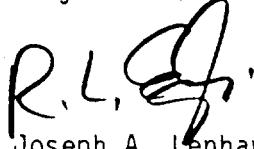
plus limited maintenance assistance, if needed, may be transferred to Oak Ridge Operations.

Lowman's request for authorization to go ashore on Runit Island for the purpose of taking samples has been discussed with DBER-HQ and with NVO. In view of the extensive survey of Runit Island to be carried out by NVO, and NVO's willingness to provide Lowman with such data on Runit samples as he may require, the Palumbo should restrict its operations in the vicinity of Runit to offshore sampling. A letter of instructions to Dr. Lowman on this and other matters is enclosed for delivery to the Palumbo upon its arrival in Honolulu.

We are in the process of developing a list of names of those individuals to be on board the Palumbo during the work in the vicinity of Eniwetok and Bikini Atolls. This list will be provided to you along with the clearance status of each individual by TWX as soon as possible.

It appears likely that uncleared individuals (including an alien, ) have been included. We understand that this is acceptable provided they remain on board the Palumbo while in the restricted waters around Eniwetok and Bikini. Please advise us by TWX if this is not the case.

We shall keep you immediately advised of any further developments.

  
 Joseph A. Lenhard, Director  
 Research and Technical Support Division

ORR:CLY

Enclosures:

1. Memo, JPM to JAL dtd 8-25-72, w/encl. (2)
2. Ltr, JAL to FGL (2)

cc: J. R. Totter, HQ, w/encl.  
 E. S. Pierce, HQ, w/encl.  
 R. E. Miller, NVO, w/encl.  
 J. P. Morgan, PRAO  
 J. H. Hill  
 W. T. Sergeant, w/encl.  
 W. H. Henderson