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SUBJECT: Letter of Transmittal

TO: Commander, Task Group 7.1, P. O. Box 1663, Los Alamos, N. M.
Commander, Task Group 7.3, Washington 25, D. C.
~~Commander, Task Group 7.4, Kirtland Air Force Base, New Mexico~~

1. Transmitted herewith for your information are copies of correspondence relating to a special fall-out monitoring program to be conducted on Operation CASTLE by the New York Operations Office of the Atomic Energy Commission.

2. The proposed fall-out monitoring program is considered primarily an AEC interest. However, due to its close relationship to task force radiological requirements and in the interest of economical utilization of personnel and material, it is considered that task force support of the effort is highly desirable. In this regard, attention is invited to the following extract from a recent CJTF SEVEN letter to the AEC: "We will be very glad to have Mr. Eisenbud with us during CASTLE and I can assure you that we will render him every possible service."

BY COMMAND OF MAJOR GENERAL CLARKSON:

BEST COPY AVAILABLE

- 2 Incls:
1. NYOO ltr dtd 8 Sep 53 with 2 incls ref NYOO fall-out monitoring support requirements on JTF SEVEN and CINCPACFLT
 2. JTF SEVEN ltr to NYOO indicating approval of support required of JTF SEVEN

Copy Furnished:
Mgr of Operations
U. S. AEC, P. O. Box 30
Ansonia Station,
New York 23, N. Y.
ATTN: HS:MR (w/o Incls)

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MANAGER OF OPERATIONS
U.S. ATOMIC ENERGY COMMISSION
P.O. BOX 30, ANSONIA STATION
NEW YORK 23, NEW YORK

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HS:ME

September 8, 1953

Commander, Joint Task Force #7
Washington 25, D. C.

Dear Sir:

On August 26 I conferred at your headquarters with Lt. Col. Cowan in order to develop the details of the support which we will require from your command in the course of our fallout monitoring program.

I am attaching a list of these requirements, which are in general similar to the type of support which you so effectively provided during IVY. For your information I am also attaching a copy of my letter to CINCPAC in which the scope of the support requested of him is likewise outlined.

I am appreciative of the courtesies extended by your staff at the time of my recent visit and we are looking forward to resuming our working relationships during CASTLE.

Sincerely yours,

/s/ Merrill Eisenbud
Merril Eisenbud, Director
Health and Safety Division

Enclosures:

1. List of requirements
2. Ltr. to CINCPAC 9/8/53

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September 8, 1953

REQUIREMENTS FOR JTF-7 SUPPORT NYOO FALLOUT MONITORING PROGRAM (CASTLE)

1. Two billets are requested in the forward area for the period beginning January 1 and ending about 10 days after the conclusion of CASTLE. One of these billets is for our Project Officer, A. J. Breslin, for whom flagship accommodations should also be available when the Task Force Headquarters is afloat. The second billet is for the Assistant Project Officer, Melvin E. Cassidy, whose general duties will involve the maintenance of monitoring equipment.

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2. A third billet should be available in the forward area from approximately February 10 to February 25 and again from approximately March 10 to March 25. This temporary billeting will be for Dr. John H. Harley and myself.

3. Invitational travel orders should be issued for the above individual. Authorization for travel in military aircraft and for 100 pounds of excess baggage per person is requested. To afford complete flexibility to our survey program, the orders should permit a change of TDY station to any military facility in the Pacific and transportation thereto and return. Following are the names of the participating persons:

Merril Eisenbud - (Emergency addressee: Mrs. Irma Eisenbud.

John H. Harley - (Emergency addressee: Mrs. Nancy Harley,

Alfred J. Breslin - (Emergency addressee: Mrs. J.A. Breslin.

Melvin E. Cassidy - (Emergency addressee: Mr. Walter J. Cassidy

The following are movements of persons and equipment for which military transportation will be required:

- a. Approximately 3500 lbs. of scientific equipment will be shipped from stateside to the forward area approximately December 1. Based on my conversations with your staff, Mr. John Hitnah of this office is working with Lt. Col. Kerr in developing the shipment schedules in more detail.
- b. Four individuals will travel from the east coast to the forward area and return.
- c. From approximately January 7 to February 10 the Assistant Project Officer will deliver and install automatic monitoring units at Ponape, Kusaie, Majuro,ongerik and Ujelang.

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d. During this period the Project Officer or his Assistant will visit Oahu, Midway, Wake, Guam, Yap and Truk for the purpose of either installing automatic monitoring equipment or training CINCPAC designated squadrons in the use and maintenance of aerial survey equipment.

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e. At any time during the test period priority transportation may be required to any of the above islands for maintenance of automatic instruments.

4. At the RadSafe facility, the Assistant Project Officer will require access to bench space. About 200 square feet of storage space will be required from about January 5 to February 15.

5. The automatic monitoring units on Ponape, Kusaie, Majuro and Rongerik will be placed in the custody of Air Weather Service personnel who will be instructed in their operation and maintenance. 1500 watts at 110V DC should be available at each island. The Air Weather Service personnel will be expected to read the instruments periodically and transmit measurements to Task Force Headquarters.

6. The Ujelang installation will be battery operated and unattended.

7. Brief daily communications may be required between Task Force Headquarters and the following places:

a. The Naval air squadron at Guam, Kwajalein and Oahu.

b. U. S. weather Bureau Stations on Truk and Yap.

c. Naval stations on Wake and Midway.

d. [REDACTED]

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September 8, 1953

HS:ME

Commander in Chief Pacific Fleet
Fleet Post Office
San Francisco, California

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Dear Sir:

Following my conference at your headquarters on July 24 and 25, I conferred with the staff of Joint Task Force 7 in Washington. I have been assured of their cooperation in supporting our monitoring program during CASTLE.

Mr. Alfred J. Breslin has been designated Project Officer and he will be stationed in the forward area for the duration of CASTLE. He will be assisted by Mr. Melvin E. Cassidy who, as Assistant Project Officer, will be concerned primarily with the installation and maintenance of our various categories of equipment.

Either Dr. John Harley or I will be in the forward area during the first week or two of the operation and one of us will again be in the Pacific for a review of our program some time in March.

Attached is a copy of a letter in which I have listed the items of support we will require from the Task Force. I presume that you will designate the air squadrons to support our missions at Guam, Kwajalein and Oahu. In your letter to these stations you may wish to bear the following points in mind:

1. That either Mr. Breslin or Mr. Cassidy will visit each of these bases of operation in January to instruct the flight personnel in the monitoring procedures to be followed and in the maintenance of the instruments. In each of these squadrons an electronics specialist should be designated for special briefing on maintenance procedures and he should be available for the duration of the operation for whatever minor maintenance may be required at these bases.
2. Aerial transportation to Truk and Yap should be provided during the visit of our representatives to Guam. This is to enable him to place the required instruments in the custody of Weather Bureau personnel on those islands, and to instruct them in their use and maintenance.
3. U. S. Navy personnel should be designated to supervise our automatic monitoring installations on Wake and Midway. This will involve about 2 hours a week for reading instruments, changing tapes, preparing messages, etc. It is contemplated that Mr. Cassidy will deliver the equipment to these islands and instruct the personnel in their use and maintenance during the first week in January.

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CINCPAC

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September 8, 1953

4. At the request of the Project Officer, the Naval Squadron at  should be authorized to make survey flights in areas beyond the cognizance of COMNAVMARIANAS. This is in order to permit aerial surveys to be made in the Philippines and/or Japan as circumstances may required.

In addition to the above, it is requested that the following Naval Shipping Control Officers be authorized to distribute gummed paper for daily sampling aboard ships as follows:

COMESSEAFRON

Seattle, San Francisco and San Diego - (Ships going west only)

COMHAWSEAFRON

Pearl Harbor

COMNAVFE

Kure, Yokohama and Basebo

COMNAVMARIANAS

Guam

COMNAVPHIL

Manila, Saipan and Taipei

I should appreciate your advice as to feasibility of limiting the number of vessels carrying gummed paper in the northern lanes to no more than 50. It may be that to do so would impose a complicated scheduling job on the NCSO concerned and that it would be much easier to put gummed papers aboard all vessels leaving all ports as indicated above. However, we would be interested in reducing our coverage approximately North of the 25th parallel and East of the 160th meridian.

Can you obtain for us the numbers of gummed papers which should be provided for each of the NCSOs concerned?

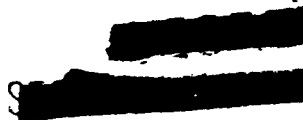
We should like to utilize the opportunity to collect daily gummed paper samples aboard each of the six ocean weather stations operating in the Pacific. Will you arrange for their cooperation in this program and instruct us as to how to address our supplies to these vessels?

We will provide self-addressed envelopes for returning the samples to our laboratory and each vessel should be instructed to mail their accumulated gummed papers at all ports of call at which airmail facilities are available.

I do hope each vessel can bear the cost of airmail stamps. We can provide stamps but it will involve some minor accounting problems which I should prefer to avoid if possible.

We are appreciative of the continued cooperation of your command.

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 Sincerely yours,

Merrill E. Benbud, Director WES Div.

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