

MARSHALL ISLANDS FILE TRACKING DOCUMENT

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File Name (TITLE): Letter, RE microbarograph.

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AUTHOR: A-Cox

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RG 326 US ATOMIC ENERGY COMMISSION SNL

SANDIA CORPORATION SANDIA BASE, ALBUQUERQUE, N. M.

Location _____
Collection Roll # 1382
Folder 0-1 IVY
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June 2, 1952

Ref. Sym: 5110 (93)

135147

Mr. George B. Olmsted
AFOAT-1
1712 G Street, NW
Washington, D. C.

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Dear George:

Two happenings prompt this letter: (a) Operation Ivy Project 6.6 (some thirteen microbarometric stations within 2,000 km of Eniwetok) has been cancelled by JTF 132 on the grounds of difficulty for logistic support; and (b) Sandia has a new microbarograph made by Tom Wiancko in Pasadena.

The primary purpose for our purchasing this new type microbarograph from Wiancko is to obtain a gage having sufficiently large dynamic range to take care of our needs in the vicinity of the Nevada Test Site. We would like very much to have our recording pen stay on the paper when a shock big enough to do damage is received someplace. This new Wiancko gage is supposed to have very much greater range on the high-pressure side.

We had hoped to obtain the prototype Wiancko instrument to install along with our borrowed NEL microbarographs during the present test series in Nevada. This would have afforded a cross-check between these two instruments. Unfortunately, the Wiancko gage worked fine but the NEL gear stopped working so we have no cross-check as yet.

It is my recollection that approximately two or three months ago you and Al Focke or Jim Peoples told me that you would have a microbarograph set up in the Hawaiian Islands during Operation Ivy. Since it is now our understanding that essentially all of the Task Force will be evacuated from Eniwetok and sent to Oahu for at least the Mike shot, we could certainly set up and operate one or two of the Wiancko microbarographs on Oahu during both the Mike and King shots without adding logistic difficulties on JTF 132. I would therefore appreciate learning from you in the near future:

- a. whether you will have an installation on Oahu or some other Hawaiian island; **BEST AVAILABLE COPY**
- b. what kind of instrument or instruments will be employed;
- c. what agency is installing your equipment there (NEL, NOL, etc.);

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Callahan
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Mr. George B. Olmsted

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- d. where on Oahu or adjacent island is the installation to be placed; and
- e. can we agree in advance on a cross-check of instrumentation.

We would expect to use the re-broadcast of WWV for our time synchronization.

Yours truly,

Original signed by
E. F. Cox
EVERETT F. COX, Manager
Weapon Effects Department

EFC:mja

Distr: 1/2a - G. B. Olmsted, AFOAT-1
2/2a - E. F. Cox, 5110 ←

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