



DEFENSE NUCLEAR AGENCY
FIELD COMMAND
KIRTLAND AIR FORCE BASE, NEW MEXICO 87115

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Reviewed by R. Schuetz date 4/29/97

2 SEP 1976

Manager
United States Energy Research & Development Administration
Nevada Operations Office
ATTN: Mr Roger Ray
P. O. Box 14100
Las Vegas, NV 89114

REPOSITORY P.N.N.L.
COLLECTION Marshall Islands
BOX No. 5685
FOLDER Enewetak 1976

Dear Mr Ray:

During the 21 May 76 meeting at ERDA/NV on Enewetak Cleanup, opinions were expressed that soil Pu concentration data should be treated statistically by automatic computer contouring methods to yield concentration contours with some known level of confidence. If these methods are to be used during Cleanup, it would seem beneficial to test them at this time. The data necessary to run such a test are tabulated in enclosure 1. They are Pu concentrations for Enjebi island from AEC/WD-148 and corresponding sample location coordinates from the original maps used during the AEC Enewetak Survey. These sampling locations were the only ones identified precisely by engineering surveyors.

Richard Gilbert, Battelle Pacific Northwest Laboratories, is doing automatic Pu contouring as part of ongoing ERDA studies. In a recent informal discussion with Ed Brantitt, he indicated that, if authorized, he could analyze the Enjebi data in a few work days and the effort would add to the overall understanding of Pu contouring as well as identify better the regions of Enjebi deserving more thorough sampling. Frank Maxwell also expressed an interest in analyzing the Enjebi data by his contouring method in order to illustrate the need for a more extensive survey during Cleanup.

Your assistance would be appreciated in arranging for the Enjebi data to be contoured by the methods most appropriate for Cleanup.

Sincerely,

BEST COPY AVAILABLE

1 Encl
As stated

J. R. SCHAEFER
Colonel, USA
Director, Logistics

Copy Furnished:
Mr Richard O. Gilbert ✓

