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BROOKHAVEN NATIONAL LABORATORY
ASSOCIATED UNIVERSITIES, INC.

Upton, New York 11973

(516) 345-2503

Safety & Environmental Protection Division

July 2, 1979

Harry Brown
U. S. Department of Energy
Pacific Area Support Office
P. O. Box 29939
Honolulu, HI 96820

Dear Harry:

I have recently received a copy of the new (6/18/79) Liktanur II schedule. Under the current plans, our field trip shall commence in Kwajalein on August 25 and conclude there on September 14. During this trip, bioassay and environmental activities shall be conducted and a total of 5 days at Rongelap, Utirik and Ujelang will be required to accomplish our trip objectives. The following paragraphs outline BNL's activities at each atoll.

For Utirik Atoll, whole body counting, urine bioassay, environmental sampling and repair of the wind generator shall be the trip goals. Table 1 lists the individuals who were whole body counted in 1974 and 1977. We would like to have these individuals participate in this year's urine and whole body counting bioassay programs. In addition to this group, additional persons can be counted up to a total counting limit of 100 persons. Environmental sampling will also be conducted, plus an attempt to repair the wind generator.

At Rongelap, we expect to perform the same activities as those outlined for Utirik. Table 2 lists the minimum individuals whom we wish to examine. Again, due to the short duration of our stay, the maximum number of participants should not exceed 100 persons.

On our way to Ujelang from Rongelap, we need to return to Kwajalein for a change of personnel. With this concluded, we can proceed to Ujelang. Once there, we would like about 100 participants in our urine and whole body counting programs. Because we have no documentation concerning residence histories or demographic data for this population, we can only suggest the type of people to be examined. We would like approximately 75 persons who have been to Enewetak, 25 persons who have resided at Ujelang for the last 2 years but have never been to Enewetak, and 10 others who have not been to a radiologically contaminated atoll.

We expect that a crew of five persons will be adequate to perform all of the work. At this time, the team members will be Bob Miltenberger (BNL), Ed Lessard (BNL), Joe Balsamo (BNL), Bob Sherwin (EnerTech Corp.) and Anant Moorthy (BNL). Nat Greenhouse plans to join the crew at Kwajalein in exchange for Joe Balsamo and Bob Sherwin.

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BOX 5, PART 3

July 2, 1979

Please advise W. Koga and L. Sutton that all material should be shipped from BNL to Honolulu by August 10. The total shipping weight could be in excess of to 3000 lbs with certain parcels exceeding 500 lbs. The shipment will be composed of electronic instruments (1300 lbs), and wind generator equipment (1700 lbs). As details become clear, we will advise you immediately. We also request that preliminary contacts with the Marshallese at Utirik, Rongelap and Ujelang be made to insure their continued cooperation. If the Marshallese have any major conflicts of interest with our proposed trip schedule, please advise us immediately.

Thank you for your cooperation in these matters. If we can be of further assistance, please contact either N. Greenhouse (FTS 666-4250 or (516)345-4250), E. Lessard or myself (FTS 666-2503 or (516)345-2503).

Sincerely yours,



Robert P. Miltenberger

RPM/slg

Attachments

cc: N. Greenhouse
E. Lessard
T. McCraw
H. Pratt

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PRIVACY ACT MATERIAL REMOVED

Table 1

Utirik Population

Medical ID#

Name

on

PRIVACY ACT MATERIAL REMOVED

PRIVACY ACT MATERIAL REMOVED

Table 1B

Utirik Females

Medical ID#

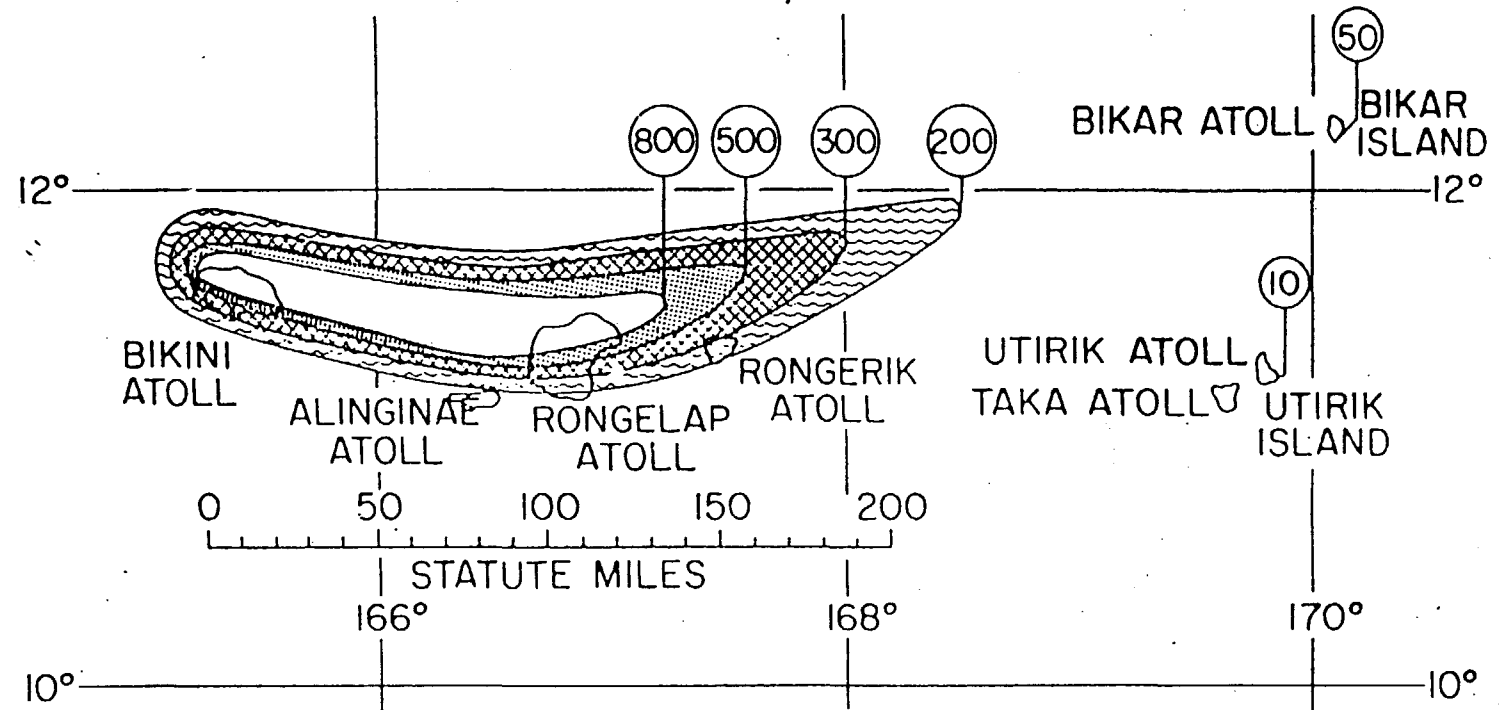
Name

PRIVACY ACT MATERIAL REMOVED

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111A

ISODOSE LINES OF ESTIMATED PATTERN OF RADIOACTIVE FALLOUT PACIFIC PROVING GROUNDS MARCH 1, 1954



The numbers on the above map represent the doses that would have been received over approximately 48 hours without shielding. The dose above which survival is unlikely is 800 r and below which survival is probable is 200 r.

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