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ATOMIC ENERGY COMMISSION
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~~W. Gay~~
~~W. Maxwell~~
~~W. Facer~~
~~W. Nervik~~
SFC

Roger Ray, Assistant Manager
Office of Assistant Manager for
Operations
Nevada Operations Office

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Radiology

INFORMATION ON RADIONUCLIDE CONTENT OF AIR AND GROUND WATER AT
ENIWETOK ATOLL

The recent review last month of progress in analysis of samples from Eniwetok Atoll indicated there may not be sufficient information to answer all questions regarding levels of radioactivity in air and in ground water.

Ideally, air filter sample data should be available for all seasons and weather conditions. The recent survey obtained only a few days of data. Obviously, needed information can only be obtained by an extended sampling period covering many months.

The Eniwetok representatives have indicated that the six "big islands" are possible sites for fresh water wells for drinking purposes. Information will be needed for all islands where there is even a remote chance of use of ground water by returning natives. Ground water samples should be analyzed for all key radionuclides including tritium.

In our telephone conversation Monday, June 4, you indicated there may be possibilities for obtaining needed samples when the status of the PACE project is settled. We will appreciate your assistance in filling this gap in the survey data.

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L. Joe Deal
Assistant Director for
Health Protection
Division of Operational Safety

- cc: N. Barr, BER
- ✓ W. Gay, MA
- R. D. Maxwell, EA
- G. Facer, MA
- W. Nervik, NV

REPOSITORY DOE History Division
COLLECTION RG 326, Tommy McCrow, Job# 1320
BOX No. 5
FOLDER Radiological Survey