

- 4.) Perhaps the best method would be to estimate the dose separately for each 1/4 or 1/2 hectare unit on the island using the estimated average soil concentration for the unit. These unit dose estimates could then be weighted depending on projected utilization by the inhabitants.

Plowing

I feel it is very important that Madaline Barnes, Jo Jane Giacomini, and/or Burt Friesen (the statistics group) be actively involved in planning the upcoming plowing experiment at Enewetak Atoll. The pre and post plowing sampling design must be carefully planned for an efficient evaluation of the effects of plowing. The above individuals will be analyzing and interpreting the data and hence should be involved from the very beginning.

DNA Military Command

I feel we should communicate to DOE the problems outlined to us by Roger Ray on April 14, 1978 regarding the lack of authority of the local military commander to make decisions. It is perhaps doubtful whether the military would be willing to change their present mode of operation, but we should point out problems as they exist.

Quality Control, IMP Calibration and Statistical Methods

I have not had sufficient time to gather the necessary information for an adequate evaluation of quality control, IMP calibration, and statistical design aspects. I am arranging to obtain information (assuming Roger Ray's concurrence) that will make such an evaluation possible. I will be contacting John Tipton (EG&G) concerning the "calibration" of the IMP, and Mike Ortiz (Eberline) who makes periodic audits on the Enewetak Analytical Laboratory. The information could be sent to all members of the Advisory group if you think it appropriate.