



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

CUR
Dr. Rodewick

September 7, 1973

C. W. Edington, Associate Director for
Research and Development Programs, DBER

KARYOTYPE STUDIES OF MARSHALLESE POPULATIONS

Your comments on the Eniwetok Radiological Survey Report outline raises the question of karyotype studies:

The Bikineans and then some years later the Eniwetokese (Populations of hundreds in both cases) will be returning to their native atolls and experiencing a relatively abrupt and well-defined doubling of population radiation exposure rate.

As you well know, a karyotype study of Marshallese populations would be logistically difficult, expensive and, perhaps, impossible for political reasons and lack of qualified personnel. I feel strongly, however, that we should have an evaluation of the potential scientific value of such a study and would urge that Biomedical Programs staff undertake a serious study of this matter and provide you with recommendations regarding the scientific merits.

Nat

Nathaniel F. Barr
Assistant Director for
Special Programs

~~Dear Tom,~~ Tom, we should look at this problem, perhaps with telephone help from Rensselaer, and then to determine what is needed. Let's discuss first!

Charlie

Call Mary Jo X 3251