



**Battelle**

Pacific Northwest Laboratories

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Date July 28, 1980  
To RW Baalman, RP Marshall and CM Unruh  
From WJ Bair *W. J. Bair/ms*  
Subject Radiation Studies Training Program  
for Marshall Islands

R

Here is a copy of draft notes I will use at the August 4 meeting in Washington. Can you review the draft and provide comments and suggestions to my office by Thursday, July 31. Thanks.

WJB:ms

Attachment

Training of Marshallese teachers and other qualified Marshallese would be accomplished through one or more of the following:

1. helping develop a radiation studies curriculum by participating in the curriculum development meetings currently being held at Majuro in the Marshall Islands;
2. teaching a radiation studies course in the continuing education program conducted at Majuro for teachers;
3. bringing teachers to PNL or other national laboratories

on a rotational basis for about one month of classes and laboratory experience with radiation instruments, etc.;

4. developing special radiation studies program at Majuro for the specific purpose of training teachers and others.

#### B. Developing Teaching Materials

Various teaching aids would be developed. These aids would include at least the following:

1. writing and printing books for Rongelap, Utirik, and other Marshall Islands as appropriate. These books would continue the Enewetak and Bikini series.
2. writing and printing a general text for radiation studies in schools and for wide distribution to the population;
3. developing and/or assembling demonstration equipment to illustrate properties of radioactivity, radiations, and radionuclides;
4. assembling demonstration materials to illustrate biomedical topics relevant to radiation effects.

C. Measuring the Effectiveness of the Training Program

An important part of the program will be a continuing effort to measure its effectiveness in advancing the people's understanding of radiation matters. Information gained from this will be used to alter the training program as necessary.

III. Problem Areas and Areas Requiring Investigation

A. Language barrier

The ability of the teachers we train to speak, read, and write English will affect our plan. Our classes may have to be taught in Marshallese--this will require a well-qualified interpreter, which is difficult to find.

B. Forum for getting information to adults and children

School classes and adult education classes are possible avenues of communication. The availability of other means for disseminating information about radiation needs to be explored. These might include newspapers and existing community activities.

C. Compensation for teachers

Salaries and expenses of teachers during training periods and when teaching at their home islands will need to be provided.

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FOLDER Education Program

DOCUMENT DOES NOT CONTAIN ECI

Reviewed by QJ Brooks Date 5/1/97