

MEETING OF ENEWETAK ADVISORY GROUP  
Lawrence Livermore Laboratory  
June 7-8, 1978

Present:

Advisory Group

J. A. Auxier  
W. J. Bair  
C. W. Francis  
R. O. Gilbert  
J. W. Healy  
C. R. Richmond  
W. L. Templeton  
B. W. Wachholz  
R. C. Thompson

DOE

Hal Hollister - DOES  
T. F. McCraw - DOES  
J. L. Deal - DOES  
R. L. Watters - DBER  
Roger Ray - NV  
Bruce Church - NV  
John Stewart - NV

LLL


Victor Noshkin  
William Robison

The objectives of the meeting were:

1. Receive progress reports from DOE and LLL staff on Enewetak Operations
2. Obtain from Hal Hollister clarification of the role of the Advisory Group and identification of specific issues and questions to be addressed.

As a result of presentations by DOE and LLL staff the following action items were identified.

1. Requests for information and reports by the Advisory Group will be addressed to Hal Hollister.
2. The Advisory Group requested the following: (Action - H. Hollister)
  - a. Report on current status of analysis of Bikini urine samples for each sample period: April 1977, October-November 1977, and April 1978. What is identity of control groups?
  - b. Report on calibration of IMP (in addition - Church agreed to send available information to the Advisory Group.)
  - c. Itemized inventory of all projects conducted by doe in the Marshall Islands with brief abstracts and levels of funding.

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3. What is DNA concern with respect to "action levels" for subsurface contamination? Action - DOES
4. The Advisory Group recommends establishment of data banks by LLL, BNL, NVO, DOES, and DBER, either separately or jointly. The objective is to facilitate access by all the participants in the Marshall islands program to all the Marshall Islands program data. Action - LLL, BNL, NVO, DOES, and DBER
5. Assessment of the Enewetak survey and resettlement program  
Action - Advisory Group (What do we need to do this?)
6. Assessment of the 13-atoll survey program  
Action - Advisory Group (A revised plan is being sent Advisory Group members by Tommy McCraw. Comments are due by July 12 to W. J. Bair who will prepare response to Hal Hollister by July 19.)
7. Revision of dose assessment report taking into account revised concentration ratios of plutonium in foodstuffs, revised estimates of diets, ingrowth of  $^{241}\text{Am}$ , reclassification of  $^{241}\text{Am}$  as class W compound and revised GI tract absorption factors recommended by the Advisory Group. These are the revised ICRP values:  $5 \times 10^{-4}$  for transplutonium elements,  $1 \times 10^{-4}$  for soluble plutonium and  $1 \times 10^{-5}$  for insoluble plutonium.  
Action W. Robison and V. Noshkin
8. Distribution to Advisory Group of copies of viewgraphs used at May 2 meeting of DOES and DNA. Action - W. J. Bair  
DONE 6/16/78
9. Distribution of copies of weekly DOE/ERSP status reports to Bair, Templeton, Gilbert, Richmond, Auxier, Healy, McClellan, and Wachholz. Action - Roger Ray  
DONE 6/26/78
10. Assessment of costs/benefits of removing or not removing buried radioactive contaminated material on causeway between Aoman and Bijire. Action - DOES
11. Air monitoring data from DNA for Advisory Group information.  
Action - W. Robison will discuss informally with DNA, initially.
12. Soil volume data to Advisory Group based on 160 pCi/g at half-hectare areas. Action - B. Church
13. Copies of McCraw memo re. EPA position on ocean dumping, copies of Jim Liverman letter to Johnson on ocean dumping and copies to DNA-EPA-ERDA meeting minutes on ocean dumping to Advisory Group. Action - T. McCraw

  
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14. BNL whole body counting data to Advisory Group. Chet Richmond wants raw data, too. Action - T. McCraw
15. Letter to Advisory Group re accommodations in Hawaii and other details of Enewetak trip. Action - R. Ray
16. Workshop for Marshall Island program participants during January to May 1979. Action - T. McCraw, R. Watters, and W. Weyzen
17. Copies of NV-140 to Thompson, Bair, Healy, Richmond, McClellan. Action R. Ray and/or T. McCraw  
DONE 6/26/78
18. Recommendations for specific research to be undertaken by DBER and DOE. (Suggestions are needed soon if work is to be started in FY-79. Please send recommendations to Bair. Consider what information will be needed for refinement of dose assessment-- particularly for the after-cleanup environment.)  
Action - Advisory Group  
COPY HAS BEEN RECEIVED BY BAIR

The Advisory Group expressed the following concerns and urged that they be considered by DOE.

1. There does not appear to be adequate interaction among the several groups of scientists working on the Marshall Islands program.
2. There should be a scientific director integrating and assessing the entire Pacific effort.
3. Should the issue of ocean burial of contaminated soils be reopened with EPA?

#### Role of Advisory Group

Hal Hollister asked the Advisory Group to expand its scope to include the whole Marshall Islands program. The Advisory Group agreed. A review of the 13-Atoll survey plan initiates the expanded scope. Hal Hollister also solicited advice on a technical coordinator/manager/director of Pacific efforts.