

NOV 16 1973

Lt. General Warren D. Johnson, USAF
Director, Defense Nuclear Agency
Washington, D. C. 20305

Dear General Johnson:

I believe that your letter of September 27, 1973, concerning cleanup operations at Enewetak Atoll outlined an understanding of responsibilities in agreement with mine with respect to the need for close coupling between "radiological control" and direct cleanup operations. I further believe that, to achieve this close coupling, radiological control should be budgeted and managed by DNA which will have overall responsibility for cleanup. Recent staff discussions on this matter prompted by the Office of Management and Budget (OMB) memorandum of October 18, 1973, providing fiscal guidance for the Enewetak cleanup and rehabilitation, have revealed the need to clarify terminology and to reaffirm our earlier understanding regarding funding responsibilities. This is particularly important since the AEC has not budgeted any funds for radiological control.

We fully concur with the OMB guidance and believe it is not subject to misunderstanding when viewed in the context of the delineation of agency responsibilities jointly agreed to at the September 7, 1972, Interagency Meeting on the Rehabilitation and Cleanup of Enewetak Atoll (Enclosure 1) and in the context of the definitions for "radiological control" and "radiological monitoring" contained in Enclosure 2. Unfortunately, these terms seem to have been used interchangeably in the past. Enclosure 3 lists examples of the kinds of things we expect to accomplish under the category of radiological monitoring.

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By copy of this letter, we will bring this matter to the attention of the OMB. Please let me know if you would like me to discuss this matter further with you.

Sincerely,

(signed)
F. C. Gilbert for

Frank A. Camm
Major General, USA
Assistant General Manager
for Military Application

Enclosures:

1. Paper--"Excerpt from Minutes of...Eniwetok Atoll"
2. Paper--"Definitions of Terms"
3. Paper--"Examples of Radiological Monitoring Activities"

cc: Mr. Daniel H. Taft
Atomic Energy/Space Programs Branch
Office of Management and Budget
Washington, D. C. 20503
w/Enclosures

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EXCERPT FROM MINUTES OF SEPTEMBER 7, 1972, INTERAGENCY
MEETING ON THE REHABILITATION AND CLEANUP OF ENEWETAK ATOLL

AEC

AEC noted that the location and removal of noncontaminated debris should not be separated from location and removal of contaminated debris. A precleanup survey covering both radiological and engineering aspects would be required and tentatively was being planned for late September.

AEC would fund the radiological aspects of this precleanup survey, the conduct of any other radiological survey activity that might be required to understand conditions in the environment as they relate to exposures of people and developments of standards, and the conduct of periodic followup radiological surveys that take place after cleanup. If later field and/or laboratory work is done by AEC in support of cleanup, AEC should be reimbursed by DOD.

DOD

DOD would be responsible for funding the engineering portions of the precleanup survey and those monitoring and survey activities that are required to support cleanup operations and to insure safety of personnel involved in cleanup activities. DOD also would fund the later cleanup of both radiological and nonradiological activities. DOI would be responsible for funding rehabilitation costs once cleanup was completed.

DOI

For the benefit of Mr. Cardwell from OMB, DOI proposed that appropriations for both cleanup and rehabilitation be separate and not included in overall ceilings.

OMB

Your proposal is heard but there is no way to give you any reaction on that today.

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DEFINITIONS OF TERMS

Radiological Control

Those activities and measures required to:

- a. Insure the physical safety and well-being of personnel working in a radiation environment (e.g., film badge monitoring, use of decontamination clothing, etc., and other measures necessary to keep radiological exposures below an acceptable safety threshold), and
- b. Verify that the radiological cleanup operations have in fact achieved the prespecified radiological conditions (e.g., by means of instrument readings or other onsite diagnostic means).

Radiological control actions would probably necessitate an onsite laboratory for instrument calibration and for specimen analysis.

Radiological Monitoring

Those activities or measures required to:

- a. Assess the overall radiological conditions of an area as they relate to the long-term dosages (both internally and externally acquired) to people living in the environment, and
- b. Ascertain whether and how the radiological conditions have changed from previous levels.

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EXAMPLES OF RADIOLOGICAL MONITORING ACTIVITIES

- I. Collection of additional biota or water samples as supplementary radiological survey data.
- II. Future periodic radiological surveys of limited scope.
- III. Overall assessments of potential dose acquisition through analysis of plant, animal, and marine organisms.
- IV. Periodic medical support and medical examinations to populace as appropriate. To include whole body counting and bioassays.

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