



DEFENSE NUCLEAR AGENCY

WASHINGTON, D.C. 20305

UNIQUE DOCUMENT 15A0200063807001

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4 DEC 1972

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MEMORANDUM FOR: DEPUTY ASSISTANT SECRETARY OF INTERIOR FOR TERRITORIAL AFFAIRS

ASSISTANT GENERAL MANAGER FOR MILITARY APPLICATION, ATOMIC ENERGY COMMISSION

SUBJECT: Environmental Statement - Eniwetok Cleanup and Rehabilitation

Attached is a proposed outline of a Draft Environmental Statement (DEIS) for the cleanup and rehabilitation of the islands comprising Eniwetok Atoll along with a proposed schedule for its preparation and processing. The outline DEIS indicates the general scope of the content of the document with notations in the margin showing the agency which is expected to be the principal source of information and to provide the material necessary to complete the portion of the document indicated.

To comply with the intent of the National Environmental Policy Act and the Council on Environmental Quality's Guidelines, the DEIS is structured to cover the entire program for the cleanup and rehabilitation and is intended to be published as a joint document. At the interagency meeting of 7 September 1972, it was agreed that DOD would be the lead agency in the preparation of the DEIS.

From time to time there will be a need to obtain information and to consult with your agency on matters concerning the DEIS. For this purpose request you designate a single point of contact to coordinate these matters. To meet the proposed schedule, it would be helpful to have your comments and/or concurrence on the proposed outline of the DEIS and the schedule together with the name and phone number of your point of contact by 14 December 1972.

CLASSIFIED INFO	CLASSIFICATION
OTHER SPECIFY	DATE
NAME	DATE
NAME	DATE

6/11/94  
R.A. Carpenter  
6/16/94

NO DEPT. OF ENERGY INFORMATION (NO RD/FRD/DO/NSI) COORDINATED WITH: DoD (NA) BEFORE DECLASSIFICATION RELEASE AUTHORITY: DOE/SA-20 BY R.A. CARPENTER DATE: 6/16/94

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NATIONAL SECURITY INFORMATION Unauthorised Disclosure Subject to Criminal Sanctions

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SUBJECT: Environmental Statement - Eniwetok Cleanup  
and Rehabilitation

Mr. M. E. Stevens, Logistics Directorate, phone 694-4787,  
is designated the point of contact for this headquarters.

FOR THE DIRECTOR:

- 2 Encls  
1. Outline  
2. Schedule

*Joseph L. Dickman*

JOSEPH L. DICKMAN  
Major General, USAF  
Deputy Director  
(Operations and Administration)

Copy furnished:

ASD (H&E)  
ATSD (AE)  
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DRAFT

OUTLINE  
DRAFT ENVIRONMENTAL STATEMENT  
ENIWETOK CLEANUP

Responsible  
Agency

1. Scope of the Proposed Cleanup and Rehabilitation  
Program

a. Cleanup (make safe for *long term, continuing, permanent* human habitation)  
(Brief Statement on the intended work)

DNA based on  
para 3d

b. Rehabilitation (Short and long range develop-  
ment plans for resettlement of Eniwetok people)  
(Brief statement on the intended work)

DOI based on  
para 3e

2. Summary of Impacts

Summarize all impacts of proposed actions both  
adverse as well as advantageous

DNA based on  
para 4

3. Project Description

a. Introduction - Outline scope and objectives  
of proposed restoration and rehabilitation

DNA based  
on other par

b. Description of Area - Eniwetok

(1) Geographic - geological-climatic  
description of Atoll

DNA

(2) Flora, Fauna, and Agriculture  
Associated with islands

DNA

(3) Historical background of Atoll

DNA

(4) The Eniwetok people

DOI

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AUTHORITY: DOE/SA-20

Dec BY R.A. *COMPENTER*, DATE *6-18-94*  
*RRJ/LH 6/16/94*

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	<u>Responsible Agency</u>
(5) Cultural Background of Eniwetok people	DOI
(6) The U.S. Development of the Islands for nuclear testing	DNA/AEC
(7) Present condition of the Islands	DNA/AEC
(8) Economic and Cultural resources	DOI
c. Present Local Environment and Resources	
Description of Ujelang-geography, geology, climate, economic and cultural - and the conditions which affect the living conditions and economy compared to Eniwetok. Similar to 3b above.	DOI
d. Proposed Cleanup Plans	
(1) Results of Radiological and Engineering Survey	DNA/AEC
(2) Cleanup of Radiological Hazards	DNA/AEC
(3) Cleanup of unsafe physical conditions	DNA
e. Proposed Rehabilitation Plans	
(1) Master plan for the use of the Islands	DOI/TTPI/ Eniwetok Council
(2) Economic Development	DOI
(3) Social and Cultural Development	DOI
f. Phenomena or Activities associated with Cleanup and Rehabilitation	DNA/AEC/DOI

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Responsible  
Agency

4. Probable Environmental Impact of the Proposed  
Action

a. Proposed Cleanup Plans

- (1) Increased Island Population
- (2) Radiologic Debris Removal and Disposal
- (3) Other Hazardous Material Removal

DOD/DNA/AEC  
TTPI/Eniwetok  
Council

and/or Disposal

b. Proposed Rehabilitation Plans

- (1) Planning Activities - Development,  
Land Use, Agriculture
- (2) Construction Activities
- (3) Operation and Maintenance Activities

DOI/TTPI/  
Eniwetok  
Council

5. Alternatives to the Proposed Actions

a. Cleanup

- (1) Return of Islands
  - (a) Status quo
  - (b) Cleanup and return

DOD/DNA/AEC  
DOI/Eniwetok  
Council

(2) Method of Disposal of Hazardous

Materials

- (a) Island disposal
- (b) Lagoon disposal
- (c) Ocean Dumping
- (d) Return to CONUS

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(3) Method of Performance

- (a) Troop Units
- (b) Contract

b. Rehabilitation

DOI/TTPI/  
Eniwetok  
Council

(1) Land use and long range development

plans

- Describe various alternatives to the plan proposed and discuss pros and cons of which lead to the most advantageous plan

(2) Economic development

- Describe various alternatives to the plan proposed and discuss pros and cons of which lead to the most advantageous plan

(3) Social and cultural development

- Describe various alternatives to the plan proposed and discuss pros and cons of which lead to the most advantageous plan

c. Cost Benefit Analysis of the Various  
Alternatives

DOD/DNA/DOI  
TTPI

Provide an economic analysis in terms of dollar costs vs. dollar benefits (positive or negative) to be gained from each alternative.

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Responsible Agency

6. Adverse Environmental Effects which cannot be avoided.

DOD/DOI/  
AEC/DNA/TTPI/  
Eniwetok  
Council

- a. Water Quality
- b. Air Quality
- c. Land and Lagoon Use Patterns
- d. Damage to Life Systems
- e. Threats to Health
- f. Food Chain
- g. Other

7. Relationship between short term effects and long term productivity

DNA/AEC/DOI

An assessment of the proposed actions for cumulative and long term effects.

8. Irreversible or irretrievable commitments of resources.

DNA/AEC/DOI

Identify the extent to which the proposed action curtails the range of beneficial uses of the environment.

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TENTATIVE SCHEDULE FOR  
PREPARATION OF ENVIRONMENTAL STATEMENT  
FOR CLEANUP AND REHABILITATION OF  
ENIWETOK.

- Date
- 30 November 72 - Circulate Proposed Outline Draft Environmental Statement to DOI and AEC for comment.
  - 14 December 72 - DOI, AEC provide comments.
  - 21 December 72 - Provide outline and schedule for DEIS to DOI and AEC for action.
  - 1 February 73 - DOI, AEC provide inputs for DEIS.
  - 15 March 73 - Circulate proposed DEIS to DOD, DOI and AEC for comment.
  - 15 April 73 - DOD, DOI, AEC provide comments and corrections.
  - 1 May 73 - Joint Conference DNA/DOD/DOI/AEC to resolve differences. (If necessary)
  - 15 May 73 - Brief Eniwetok Council on DEIS.
  - 15 May 73 - File DEIS with Council on Environmental Quality. Make DEIS available to Public. Solicit views of other Federal, State and local agencies.
  - 30 June 73 - Hold Public Hearings in Ujelang and/or Majuro on Cleanup and Rehabilitation Plan.
  - 15 July 73 - Receive comments on DEIS from CEQ, Public and other agencies.
  - 1 August 73 - Conference DNA/DOD/DOI/AEC to resolve comments and method of handling. (If necessary).
  - 5 August 73 - Brief Eniwetok Council on comments and methods of resolution.
  - 15 August 73 - Circulate Draft of Final EIS to DOD, DOI, AEC and Eniwetok Council for comment.
  - 1 September 73 - DOD, DOI, AEC, Eniwetok Council provide comments or concurrence on Final EIS.
  - 15 September 73 - File Final EIS with CEQ and make available to public.
  - 15 October 73 - Decision on Execution of cleanup and rehabilitation plan.

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*RAC BY R.A. CARPENTER, DATE: 6-16-84  
Approved 6/16/84*

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DECLASSIFY ON 15 May 1973

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Attachment 2

DRAFT OUTLINE FOR ENVIRONMENTAL STATEMENT

This is in response to the DNA proposal of December 4, 1972, for a joint AEC-DOD-DOI environmental statement to cover the restoration of Eniwetok Atoll.

The AEC has considered the tentative environmental statement outline and assignment of responsibilities for drafting particular sections.

We recognize that the timing for availability of radiological survey results and radiological assessments, will impose a delay of several months before firm radiological cleanup assumptions can be started. However, it is suggested that much of the outcome of the radiological survey and assessment could be postulated at this time for the purposes of environmental statement drafting with the idea that those postulated matters would be confirmed in the final environmental statement. On this basis, the AEC will initially assume for the draft statement:

1. that the radiological survey findings for radionuclides of other than plutonium will be comparable to those encountered at Bikini for similarly situated islands;
2. that the radiological survey findings for plutonium will not show serious contamination problems at locations other than Runit (and possibly Engebi) Islands;

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BY H. R. SCHMIDT, DATE:

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3. that the overall radiological survey findings (including plutonium) will lead to environmental assessments favorable to restoration and rehabilitation for islands other than Runit;
4. that the restoration of Runit will not necessarily be covered completely in the draft environmental statement; and
5. that the subject of plutonium decontamination will be treated so that Runit Island could be covered in the final statement or in an addendum to the final statement.

DMA offers the following comments with regard to the proposed outline:

In both Sections 3b and 3c the DNA, AEC and DOI should assess environmental conditions (for Ujelang and Eniwetok) on identical bases so that Ujelang conditions may be used as a base of comparison. The objective in both assessments would be to assure that comparable environmental values are known for the two locations. The AEC would be able to provide in-depth environmental data on Eniwetok on the basis of about 20 years of study. Unfortunately, other <sup>atoll</sup> environments are not as well documented.

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Section 5c. We question whether an economic analysis of the various alternatives will satisfy NEPA requirements completely. The AEC might be able to contribute to the cost-benefit analysis in terms of environmental values.

AEC intends to draft and submit inputs on the following by February 1, 1973: Section 3b(6); 3b(7) - summary of the present environmental condition of natural values at Eniwetok Atoll; 3d(1) - radiological survey; 3d(2) - comments on possible alternatives; 3f - comments; 4a.(2) - comments; 5a.(1), (2), (3); and 6, 7 and 8.

The following comments pertain to the tentative DNA scheduling for preparation of the environmental impact statement:

1. It has been the AEC's understanding that the Eniwetok cleanup should be expedited as much as feasible. For this reason, <sup>an interval</sup> ~~a transfer~~ of 3 1/2 months for the staffing of the draft environmental statement appears unnecessarily long particularly in comparison with the five working weeks allowed for writing the various portions of that draft. It is suggested that <sup>April 1</sup> ~~March 15~~ would be a feasible date ~~and~~ that ~~April 15~~ would allow adequate time for the staffing necessary.
2. It seems desirable that the draft environmental statement be publicly available for a few days prior to any hearings

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or meetings on that subject. Perhaps the Eniwetok council should not be briefed until at least a week after they have received the draft statement.

- 3. In keeping with a policy of acting as rapidly as feasible, a tentative date of July 1, 1973, or 90 days after the draft statement is issued, should be the target for issuing the final environmental impact statement.

The AEC point of contact for participation in preparing the environmental statement on Eniwetok restoration will be Gordon C. Facer, Ext. 3011.

We look forward to being of assistance in this urgent matter.

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