

DECLASSIFIED  
E.O. 12958, Sec. 3.3

NW 972006A  
By pm LJA Date 7/25/05

411892

~~SECRET~~

April 14, 1954

AEC 597/44

COPY NO. 1

R

ATOMIC ENERGY COMMISSION

CASTLE PLANNING

Note by the Secretary

The attached letter from Dr. W. F. Libby is circulated for the information of the Commission. A meeting to discuss this matter with Drs. Libby and Rabi has been scheduled for 10:45 a.m., Friday, April 16, 1954.

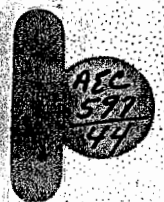
REPOSITORY NARA - College Park  
RG 326 AEC SECRETARIAT  
COLLECTION 1951-58

ROY B. SNAPP  
Secretary

BOX No. 208 CLASSIFIED  
FOUNDER # 4 MRA-7 CASTLE

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW
1. DETERMINATION (CIRCLE NUMBER(S))
2. CLASSIFICATION RETAINED
3. CLASSIFICATION CHANGED TO:
4. COORDINATE WITH:
5. CLASSIFICATION CANCELLED
6. CLASSIFIED INFO BRACKETED
7. OTHER (SPECIFY):
1ST REVIEW DATE: <u>06/19/02</u>
AUTHORITY: <u>EO 12958, Sec. 3.3</u>
NAME: <u>William H. ...</u>
2ND REVIEW DATE: <u>01/11/02</u>
AUTHORITY: <u>ADG</u>
NAME: <u>...</u>

WITH ATTACHMENTS/ENCL	
DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
SINGLE REVIEW AUTHORIZED BY: <u>DOE ORDER 5650.2B</u>	1. DETERMINATION (CIRCLE NUMBER(S))
REVIEWER (ADD): <u>C. R. K...</u>	2. CLASSIFICATION RETAINED
DATE: <u>5-24-95</u>	3. CLASSIFICATION CHANGED TO:
	4. COORDINATE WITH:
	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED
	7. OTHER (SPECIFY):



DISTRIBUTION

COPY NO.

- Secretary 1
- Commissioners 2 - 6
- General Manager 7
- Biology & Medicine 8
- Military Application 9

When separated from enclosures handle this document as.....

~~OFFICIAL USE ONLY~~

DECLASSIFIED  
E.O. 12958, Sec. 3.3

RESTRICTED DATA

This document contains restricted data as defined in the Atomic Energy Act of 1946. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited.

NW 972006A  
By pm LJA Date 7/25/05

MI-0242

(121)

01SA20C 000137  
NW 972006A 907

1454

~~SECRET~~

This document consists of 2 pages

Copy No. 1 of 9 Series AEC-A

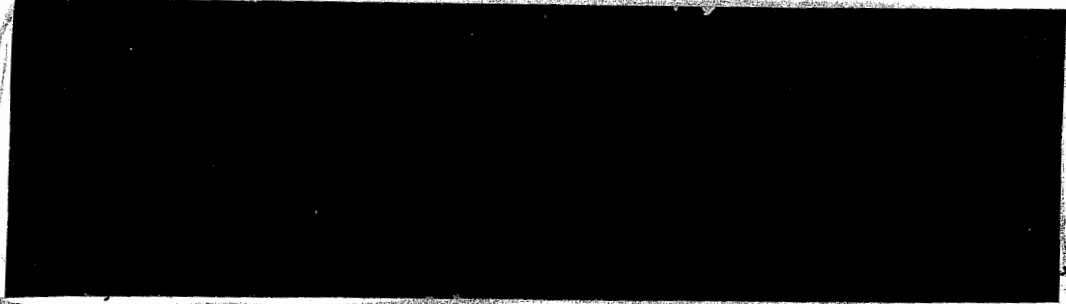
~~SECRET~~

GENERAL ADVISORY COMMITTEE  
TO THE  
U. S. ATOMIC ENERGY COMMISSION  
WASHINGTON 25, D.C.

April 2, 1954

Mr. L. L. Strauss, Chairman  
U. S. Atomic Energy Commission  
Washington 25, D. C.

Dear Mr. Strauss:



DOE  
1.5(a)

After careful studies -- Rand Corporation Project Sunshine-Aureole -- one is left at a nearly complete loss when he attempts to predict the effect of changing the base on which one of the large thermonuclear weapons is fired from coral to sea water. The study has only given us greater humility, has made us more dependent than we initially were on experimental observation.



DOE  
6.1(a)

Therefore we are likely to be unable to deduce in the next few weeks whether water serves better than coral or worse than coral in the sense of removing the lethal fission products and carrying them into the sea before they reach the great continental land masses.

Under these conditions I would recommend that you consider making no further shots on barges over water in the present series. If it is essential to do so, an attempt should be made to place

~~RESTRICTED DATA~~

This document contains restricted data as defined in the Atomic Energy Act of 1946. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited.

~~SECRET~~

the rafts over as shallow water as possible so the greatest approach to coral sub-stratum can be made, [REDACTED]

DOE  
6/1(a)

Most respectfully yours, I remain

Sincerely,

/s/

W. F. Libby

DECLASSIFIED  
E.O. 12958, Sec. 5.3

NW: 9720064  
By DM LC Date 7/25/05