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ATOMIC ENERGY COMMISSION

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DECLASSIFIED  
E.O. 12958, Sec. 3.8

MEETING NO. 1093

NND 982027  
By ST/MR-ns Date 3 MAR 98

2:15 p.m., Tuesday, June 28, 1955

REPOSITORY NARA - College Park  
RG 326  
COLLECTION AEC MEETING MINUTES  
BOX No. 8  
Vol. 13 2 of 2  
FOLDER Meetings 1074-1094

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Present

Lewis L. Strauss  
Thomas E. Murray  
W. F. Libby

W. B. McCool  
John H. Stumpf

K. E. Fields  
R. W. Cook  
William Mitchell

Also Present

A. Tammaro  
Harry S. Traynor  
Col. John J. Dishuck  
Col. Lawrence Beckedorff  
Col. Irving J. Harrell, Jr.  
E. J. Bloch  
Jesse C. Johnson  
Charles D. Luke  
C. L. Marshall  
George L. Weill  
Harold L. Price  
Frank K. Pittman  
William K. Maher  
Oscar S. Smith  
Louis H. Roddis

T. H. Johnson  
A. Bishop  
Dr. John C. Bugher  
J. A. Waters  
Arthur L. Tackman  
John A. Derry  
Morse Salisbury  
Don S. Burrows  
John H. Burghard  
Richard G. Hewlett  
Everett Holles  
Manuel Dupkin  
John Mackenzie, Jr.  
Comdr. John W. Crawford  
William L. Oakley

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| DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW  |  |
|---|--|
| 1ST REVIEW-DATE: <u>8-15-75</u>   | DETERMINATION (CIRCLE NUMBER(S))         |
| AUTHORITY: <input type="checkbox"/> AD <input type="checkbox"/> AC <input type="checkbox"/> ADD | 1. CLASSIFICATION RETAINED               |
| NAME: <u>R. Tammaro</u>   | 2. CLASSIFICATION CHANGED TO:            |
| 2ND REVIEW-DATE: <u>8-21-91</u>   | 3. CONTAINS NO DOE CLASSIFIED INFO       |
| AUTHORITY: ADD  | 4. COORDINATE WITH: <u>#55, 600</u>      |
| NAME: <u>Ed. Libby</u>  | 5. CLASSIFICATION CANCELLED              |
|   | 6. CLASSIFIED INFO BRACKETED             |
|   | 7. OTHER (SPECIFY): <u>Pages 408-420</u> |

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4. Monthly Report to the Commission

a. Production

Mr. Bloch reviewed progress in the construction of new production facilities and reported on production rates of fissionable materials for the month of May. He discussed with Mr. Libby the question of whether heavy water production would be adequate to meet probable demands if heavy water reactors prove attractive for nuclear power plants.

At this point Mr. Bloch left the meeting.

b. Project Hydra

Colonel Beckedorff reviewed the history of Project Hydra and reported on the development of devices for use of agencies engaged in the detection of fissionable material clandestinely brought into the U. S.

With regard to recent incidents involving the possibility of clandestine introduction, he said that the nature of the material in question had not been determined. (See AEC 837\*.)

c. Military Application

Colonel Dishuck reviewed highlights of the weapons program for May. Among other matters he reported that on the basis of information developed at LASL it had been determined that storage requirements for certain weapons could safely be relaxed so that a greater number of weapons could be stored in a given structure. This development would make possible the saving of several hundred thousand dollars in construction costs. The Commissioners made several suggestions concerning possible storage improvements.

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\*See also the memorandum of June 2 from Mr. Kelehan to the General Manager on this subject,

The General Manager then briefly reviewed preliminary plans for Operation REDWING. Mr. Libby observed that in view of the size of the operation and the possibility that one-point detonation tests will be carried on in the near future, it might be advisable to reconsider the decision to cancel Operation DIXIE. The Chairman asked to be informed concerning the size of the organization now maintained at the Nevada Proving Grounds.

At this point Colonels Dishuck and Harrell left the meeting and Messrs. J. C. Johnson, Derry, T. H. Johnson, Bishop, Smith, Roddis, Salisbury, Crawford and Dupkin entered,

5. Suspension of Work on the Merchant Ship Reactor Project

The General Manager reported that in view of recent adverse congressional action he had ordered the suspension of all work by the staff on the Merchant Ship Reactor. The Commissioners had no objection to this decision.

At this point Mr. Waters and Dr. Bugher entered the meeting

6. Continuation of Monthly Report to the Commission

a. Raw Materials

Mr. J. C. Johnson reported on raw materials receipts for May and on arrangements for the construction of additional milling capacity in the U. S.

He also reported that Mr. C. D. Howe of Canada had expressed concern on the question of future U. S. requirements for Canadian uranium when present procurement agreements elapse. He had indicated that if there is not to be a Canadian Government market for uranium after that time it would be necessary to inform the