

408443

~~CONFIDENTIAL~~
~~SECRET~~

ATOMIC ENERGY COMMISSION

MEETING NO. 1149

10:00 a.m., Wednesday, November 16, 1955

CLASSIFICATION

OR CHANGED TO

BY AUTHORITY OF

BY *Wm. L. Lynch*

Confidential
Classification
DATE *2-25-60*

Present

Lewis L. Strauss
Thomas E. Murray
W. F. Libby
John von Neumann
Harold S. Vance

R. W. Cook
William Mitchell

W. B. McCool
John H. Stumpf

Also Present

A. Tammaro
David F. Shaw
Harry S. Traynor
Col. Alfred D. Starbird
Lt. Col. I. J. Harrell
Comdr. William H. Rowen
Lt. Col. Louis E. Harris
Col. Carey O'Bryan
Lawrence F. Gise
John A. Waters
Paul F. Gaughran
Edward R. Gardner
T. H. Johnson
Spofford G. English
Daniel R. Miller
Curtis A. Nelson
C. D. W. Thornton
Howard C. Brown
W. Kenneth Davis
Manuel Dupkin II
Paul C. Fine
Comdr. John W. Crawford
Richard J. Hallinan

REPOSITORY *NARA - College Park*
RG 326
COLLECTION *AEC Meeting Minutes*
BOX No. *Vol. 16 (2 of 2)*
FOLDER *meetings 1123-1159*

Dr. James McRae, Sandia Corp.
George P. Kraker, SFOO

DEPARTMENT OF ENERGY - DIVISION OF RESEARCH	
1ST REVIEW DATE: <i>8/23/95</i>	2ND REVIEW DATE: <i>8-28-95</i>
AUTHORITY: <i>DOE</i>	
PAGE: <i>783-792</i>	

~~RESTRICTED DATA~~
This document contains restricted data as defined in the Atomic Energy Act of 1954. Its transmission or the disclosure of its contents in any manner to an unauthorized person is prohibited.

~~CONFIDENTIAL~~
~~SECRET~~

1. Briefing on Weapons Surveillance and Quality Assurance Programs*

Colonel Starbird introduced Mr. McRae and Mr. Kraker, who reported on the respective programs of the Sandia Corporation and of the Santa Fe Operations Office for the inspection and surveillance of atomic weapons and for the assurance of weapons quality. In particular Mr. McRae described the techniques and procedures which have been developed to insure, without complete testing, that weapons will operate under the conditions prescribed by the DOD.

In response to a question by Mr. Murray at the conclusion of this briefing, Mr. McRae commented on the technical difficulties which had made it difficult to predict the failure of batteries used in certain fission weapons. He reported on the status of efforts to develop batteries which would not be subject to failure from similar causes.

After a brief discussion of other questions concerning the inspection and quality assurance programs, Mr. Strauss thanked Mr. Kraker and Mr. McRae for their presentation and the Commission went into Executive Session.

2. Executive Session**

- a. Visit by Mr. Perrin
- b. Discussion with British Representative Concerning Project SUNSHINE
- c. Test of "Clean" Thermonuclear Weapon
- d. Meeting of the National Security Council
- e. Discussion with Sir William Penney
- f. Approval of Minutes
- g. AEC 385/123 - General Counsel Opinion on MVGC Contract

*No Transcript was made for this part of the meeting.

**Separate minutes and a separate transcript for this part of the meeting have been circulated.

*per
acknowledging
at beginning
of minutes
1149
11/16/55*