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ATOMIC ENERGY COMMISSION

MEETING NO. 1149

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

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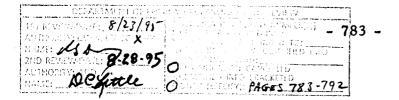
Fresent

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

REPOSITORY COLLECTION BOX No. 6 FOLDER -



BY AUTHORITY EY WILL Supt Also Present

CLASSIFICAT

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 Faul C. Fine Comdr. John W. Crawford Richard J. Hallinan

Dr. James McRae, Sandia Corp. George P. Kraker, 3FOO

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1. Briefing on Weapons Surveillance and Quality Assurance Frograms* $M^{\mathcal{V}}$

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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 Froject 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.

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