

W. F. Libby  
Harold S. Vance

William Mitchell

W. B. McCool  
James E. Ammons

Also Present

R. W. Cook  
A. Tammaro

Oscar S. Smith  
Dr. Charles L. Dunham

John A. Derry  
Charles L. Marshall  
C. A. Rolander, Jr.  
Don S. Burrows  
Morse Salisbury  
W. Kenneth Davis  
Edward R. Gardner  
Marvin M. Mann  
Frank B. Quackenboss, Jr.  
Allen V. Butterworth

John K. Rouleau  
Chris Henderson  
T. H. Johnson  
George A. Kolstad  
R. L. Faulkner  
Richard G. Hewlett  
William H. Berman  
Richard J. Hallinan  
George G. Manov  
Manuel Dupkin II

Frank N. Pittman

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date, this possibility does appear to have some influence on long range production planning. However, he said the likelihood that the U.S. may never have to use its weapons stockpile for military purposes appears not to have influenced the size of the stockpile requirement.

b. International Affairs

Mr. Gardner reported that the proposed amendment to the bilateral agreement with the U.K. providing for the transfer of special nuclear material is now being considered by the Department of State. (See AEC 782/16.) Mr. Strauss referred to the forthcoming visit of Sir Edwin Plowden and requested that arrangements be made for his tour to certain AEC installations.

SECRET

Mr. Libby referred to a French request for forty kilograms of U-235 and requested a memorandum concerning the proposed use of this material. He said he believed that such material should not be contained in uranium concentrations exceeding twenty percent enrichment.

Mr. Gardner reported that Ambassador Lodge had recently presented an unclassified AEC Technical Library to the United Nations.

The Commissioners then discussed with Mr. Fields and Mr. Hall the construction progress of the Belgian reactor. Mr. Strauss requested that the Commission be informed periodically of the progress on this reactor and on any other reactors to be built for foreign use. Mr. Strauss also said that AEC should do everything possible to ensure that the Belgian reactor is completed in time for the Brussels World Fair in 1957.

#### c. Raw Materials

Mr. Faulkner reported on the uranium ore procurement program. He said that in general the program was on schedule; however, the domestic procurement program was about 100 tons behind schedule.

Mr. Libby observed that the AEC had recalled U.S. government prospectors from French Morocco. Mr. Faulkner pointed out that due to the Arab-French hostilities it had become unsafe for the prospectors to remain in Morocco. He added that no worthwhile deposits of uranium ore had been discovered in the country.

#### d. Construction & Supply

Mr. Derry reported on the progress of construction of AEC facilities. He said that bids for

construction of the new headquarters building would be received on May 3, 1956. In response to a question by Mr. Strauss, Mr. Smith reviewed the background of a construction strike at the Hanford plant.

e. Reactor Development

Mr. Davis reported that during the summer of 1956, the University of California intends to conduct two nuclear engineering courses.

In answer to a question by Mr. Libby, Mr. Davis said that a staff paper was being prepared on proposals under the second round of the Power Demonstration Reactor Program. Mr. Libby said he believed that the chemical industry could make important contributions to the reactor program and should be encouraged to take a greater interest in it.

f. Civilian Application

Mr. Pittman reported that the University of Michigan had asked for a six months extension of their construction permit in order to complete construction of their reactor. He added that the University had also requested that the reactor fuel elements not be delivered until July 1, 1957.

Mr. Pittman said that additional information on the proposed Detroit-Edison reactor had been received and that a recommendation on their application for a construction permit could probably be made in the near future. Mr. Fields observed that an appropriate press release would be submitted concerning this construction permit.

facility at U.S.C. under the direction of Mr. John Backus. Mr. Johnson also said that consideration was being given to moving the 63 inch cyclotron from Oak Ridge to Georgia Tech University.

Mr. Kolstad then reported on the first meeting of the Tripartite Nuclear Cross-Sections Committee, held at Chalk River on March 12, 13 and 14, 1956.

Mr. Strauss briefly left the meeting during this report.

Mr. Kolstad said that as a result of a Committee recommendation to exchange samples of fissionable isotopes, AEC would have to consider whether weapons grade samples should be exchanged. Mr. Libby said he did not believe this would be desirable since he could see no reason to exceed an enrichment of ninety percent in the material to be exchanged.

Mr. Kolstad also reported that two technical nuclear cross-section symposia had been tentatively scheduled. The first would be a small meeting on fission cross-sections to be held at Harwell during July 1956. The second would be an International Conference on Nuclear Inter-Actions of Neutrons

that the Committee could be useful in collecting information on the amount of radiation received from weapons tests' fallout as compared to the amount of radiation received from medical examination or treatment.

security clearance program. In answer to a question by Mr. Strauss, Mr. Rolander said he would participate in a survey of the Australian security program in connection with the bilateral agreement being negotiated with Australia.

k. Finance

Mr. Burrows reviewed with the Commissioners the AEC financial report for March 1956.

l. Information Services

Mr. Salisbury reviewed plans for news coverage of Operation REDWING. He said that there would be no foreign newsmen at the test. Mr. Salisbury also reported on preparations by Cinerama Incorporated to produce a feature length motion picture on the peaceful uses of atomic energy.

m. Classification

Mr. Marshall referred to a recent meeting of the Chairmen of the operations offices classification committees. He said a uniform method of operation was now being prepared for these committees.

n. Inspection

Mr. Mann reported on a criticality incident which occurred at Oak Ridge during February 1956. He also said that Armour Research Foundation reactor located in Chicago would be put into operation within the next two weeks.

4. Executive Session\* - General Manager's Monthly Report

- a. Intelligence
- b. Production
- c. Military Application

W. B. McCool

Secretary

Approved by the Commission: Meeting 1213, July 10, 1956

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\*Separate minutes for this part of the Meeting have been circulated.