

27 March 1959

MEMORANDUM FOR: The Honorable Lyndon B. Johnson
Chairman
Preparedness Investigating Subcommittee
Senate Committee on Armed Services

SUBJECT: CIA Consultants in the Soviet Ballistic
Missile Field

During my testimony before the Preparedness Investigating Subcommittee on March 18, there was some discussion regarding the special panel of outside consultants we called in to advise the intelligence community prior to preparing our estimate of November 25, 1958. During this discussion, which appears on pages 559-564 of the Subcommittee's transcript, the Chairman suggested that the names of these consultants be submitted for the record, if agreeable to the consultants (page 563).

I have checked with each member of the special panel, and they have no objection to the submission of their names. I am therefore attaching for your records a list of these consultants, together with brief biographic information. I suggest this be added to the record of my testimony with the same classification as that testimony.

The matter of their possible appearance to testify before the Subcommittee has not been taken up by me with them.

In addition to this special panel, over the past two years CIA has used approximately 40 other appropriately cleared outside consultants in analyzing various aspects of the missile problem. These include missile specialists largely from industry, the universities, and agencies of government.

AWD/ji
1 - DCI
2 - Legis. Counsel
1 - Mr. *Staerz*
Enclosure

/s/
ALLEN W. DULLES
Director

APPROVED FOR RELEASE
DATE: MAY 2004

Special Panel of Consultants to the Director of Central Intelligence assembled (October - November 1958) to deal with certain intelligence phases of the Soviet Ballistic Missile Program.

Mr. L. A. Hyland, Executive Vice-President, Hughes Aircraft Co., Los Angeles, California. Mr. Hyland held high managerial and engineering posts at Bendix Aviation Corporation from 1937 to 1952. He has held his present position at Hughes Aircraft since 1953. He has served as a member of numerous panels of consultants to the Department of Defense in the fields of aeronautics, guided missiles, and science. He was on the advisory committee to the Argonne National Laboratories of the AEC, and has served as a consultant to Dr. Killian.

Mr. James W. McRae, Vice-President, American Tel and Tel., 195 Broadway, New York, New York. Dr. McRae, who received his Ph. D. from the California Institute of Technology in 1937, performed World War II service with the U. S. Army Signal Corps and subsequently held research and development posts at the Bell Telephone Laboratories, where he was Vice President in charge of Systems Organization from 1951 to 1953. He was President of the Sandia Corporation from 1953 to 1958, and has held his present post since then. Dr. McRae has served on several technical advisory committees to government, and has acted as a consultant to Dr. Killian.

Dr. J. E. Froehlich, Jet Propulsion Laboratory, Pasadena, California. Dr. Froehlich, a Ph. D. from the California Institute of Technology, has been with JPL for ten years and is at present Chief of Field Test Operations.

Dr. Reuben F. Mettler, Ramo-Wooldridge Corp., Hawthorne, California. Dr. Mettler served as a Navy electronics officer during World War II and received his Ph. D. from the California Institute of Technology in 1949. While a graduate student and instructor there he was a consultant to Aero Physical Labs of North American Aviation. He engaged in Airborne electronic systems development at Hughes Aircraft from 1949 to 1954 and has been with Ramo-Wooldridge since then, with title of Vice President since 1958. Dr. Mettler has served on several technical advisory committees to government, and has acted as a consultant to Dr. Killian.

~~SECRET~~

Mr. Charles R. Irvine, Advanced Research Projects Agency, Department of Defense, Washington 25, D. C. Mr. Irvine, a graduate of the University of Michigan, performed development and design work at Stinson and Vultee from 1931 to 1942, and was Chief Development Engineer at Vultee from 1942 to 1947. From 1947 to 1958 Mr. Irvine held important engineering posts at Convair, including those of Chief Engineer and Assistant Vice President Engineer. He has been with ARPA since 1958, on leave of absence from Convair.

Brig. Gen. O. J. Ritland, Air Force Ballistic Missile Division, P. O. Box 262, Inglewood, California. General Ritland's experience prior to 1954 included service as a test pilot, work in air research and development at Wright Field, and test work in atomic weapons at Kirkland Air Force Base. He was Deputy Chief of Staff for Operations of the AEC from 1954 to 1956, and has since been at BMD, where he is now Vice Commander.