

HAROLD B. FINGER

Mr. Finger was appointed to this position on March 15, 1967. He reports directly to the Administrator and is responsible for the evaluation and strengthening of agency-wide management policies and practices involved in the conduct of NASA programs and activities. He provides executive leadership for the offices under the direction of the Assistant Administrators for Administration, Industry Affairs, Technology Utilization, University Affairs, and Special Contracts Review and Negotiation. In addition, elements responsible for audit, inspection, Headquarters administration, and organization and management planning report to him.

Previously, Mr. Finger had been Manager of the Space Nuclear Propulsion Office since August 1960. This office is responsible for nuclear rocket development for both NASA and the Atomic Energy Commission and isotopically-heated rocket thruster work for the AEC. Beginning in November 1961, he also served as Director of Nuclear Systems for NASA's Office of Advanced Research and Technology. In this capacity, he managed research, development and flight testing of nuclear electric power systems and electrical propulsion and the flight testing of nuclear rocket systems. During this period he was also named Director of AEC's Space Nuclear Systems Division in June 1965. Here he headed a new Space Electric Power Office, administering space reactor and isotope electrical power systems work.

Finger had been on the NASA Headquarters staff since it was established in October 1958. He was Chief of the Nuclear Engine Program. On March 5, 1961, he was appointed Assistant Director for Nuclear Applications.

Finger joined the National Advisory Committee for Aeronautics, the predecessor to NASA, in 1944 as an aeronautical research scientist at the Lewis Flight Propulsion Laboratory, Cleveland. In 1952, he was named Head of the Axial Flow Compressor Section and in 1954, Associate Chief of the Compressor Research Branch. Three years later, after nuclear training at Lewis, he was made Head of the Nuclear Radiation Shielding Group and of a Nuclear Rocket Design Analysis Group.

Finger was born in New York City, February 18, 1924. He earned a B.S. degree in Mechanical Engineering from City College of New York in 1944. He was awarded an M.S. degree in Aeronautical Engineering at Case Institute of Technology in 1950.

Finger has specialized in research on turbo-machinery, gas turbine engines, nuclear rockets, and shielding. Author of numerous technical papers, he was co-winner of the 1957 Society of Automotive Engineers Manley Award for the best paper on aeronautics. He is a member of the American Institute of Aeronautics and Astronautics.

Mr. and Mrs. Finger (the former Arlene Karsch) and their three daughters live in Bethesda, Maryland.

Mr. FINGER. Thank you, Mr. Chairman.

Members of the committee, I find that anything any one of us can say in this area is only a small part of this total problem because there are so many factors to be discussed in determining how best to use the laboratories and get them to adjust to new needs and get them prepared for new needs that may come along as essential national requirements. Therefore, although I have prepared a lengthy statement on this subject, it does not cover all of the points that need discussion. With your permission, Mr. Chairman, I propose that I summarize my statement using it only as an outline.

Mr. DADDARIO. Fine.

**STATEMENT OF HAROLD B. FINGER, ASSOCIATE ADMINISTRATOR
FOR ORGANIZATION AND MANAGEMENT, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

Mr. FINGER. Mr. Chairman and members of the subcommittee, the National Aeronautics and Space Administration is a research