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ABILENE, KANSAS

WHITE HOUSE OFFICE, Office of the Special Assistant for Science and Technology
(James R. Killian and George B. Kistiakowsky): Records, 1957-61

Pre-Accession and Accession 76-16
Processed by: RJS, TB, DAD, RS
Date Completed: December 1977

Linear feet of shelf space occupied: 18
Approximate number of pages: 36,000
Approximate number of items: 18,000

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1. Papers that are security-classified until such classification shall be removed.
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3. Papers containing statements made in confidence unless the reason for confidentiality no longer exists.
4. Papers relating to family or private business affairs.
5. Papers containing statements which might be used to injure, harass, or damage any living person.

SCOPE AND CONTENT NOTE

On November 3, 1957, President Eisenhower established the Office of the Special Assistant to the President for Science and Technology and appointed Dr. James R. Killian Jr. to the position. On November 21, 1957, the President transferred the Science Advisory Committee of the Office of Defense Mobilization (in the Executive Office of the President) to the White House Office, reconstituting and enlarging it as the "President's Science Advisory Committee." Dr. George B. Kistiakowsky was appointed by the President to succeed Dr. Killian as Special Assistant on July 15, 1959. Both Dr. Killian and Dr. Kistiakowsky served concurrent terms as Special Assistant to the President and as Chairman of the President's Science Advisory Committee, which nominates its own Chairman.

President Eisenhower established the new Office of the Special Assistant for Science and Technology (hereafter referred to as OSAST) in response to a need for the organization and utilization of American scientific and technological expertise as a collective resource. The president was faced with a crisis of confidence among the public concerning United States space technological expertise and defense capabilities, as well as intensive competition among the services for prestigious missile programs. In an effort to centralize defense and space technology projects the Advanced Research Projects Agency (ARPA) and the office of the Director of Defense Research and Engineering were created in 1958. The National Aeronautics and Space Administration (NASA) was created later in 1958 to systematize space exploration under as much civilian control as possible.

The primary responsibility of the Special Assistant was to keep the President informed of the progress of scientific and technological programs of various government agencies, presenting his findings, facts and evaluations to the President, including recommendations with respect to scientific and technological matters. He was also available as an advisor on scientific matters to Cabinet members and other policy-making officials of government. He was concerned with anticipating future trends or developments in science and technology, and suggesting future actions based on these trends. One of his primary concerns was maintaining good relations with the United States scientific and engineering community, and bolstering the strength and morale of the scientific community. He was also concerned with the interchange of scientific and technological information and with the encouragement of science in the Free World.

The Special Assistant was served by a small professional staff which also served as the staff of the President's Science Advisory Committee (PSAC). The work of the Special Assistant and PSAC was often integrated.

The records of OSAST, primarily covering the period from early 1957 through late 1960, are organized into five series. The collection arrived at the Eisenhower Library in two separate segments. The first two series, the Alphabetical File and the Personnel File, comprise one accession, with the remaining three series, the Topic File, Name File, and Crank File, comprising a separate accession. Arrangement within each of the five series is alphabetical by subject or name and chronological thereunder.

The Alphabetical File, containing the most significant material within the collection, is divided into two parallel subseries, the Top Secret File and the non-Top Secret File. All documents classified Top Secret within the Alphabetical File were maintained by OSAST in a separate file. This arrangement has been preserved with the creation of two subseries. Most of the documents within both subseries of the Alphabetical File contain document numbers. The documents of the Top Secret File, however, were not originally arranged by subject, but were primarily identified by the number of the document without any apparent arrangement. A staff archivist has arranged the numbered documents into subject folders parallel to the main Alphabetical File (non-Top Secret File). A list of all numbered documents contained within each folder of the Top Secret File is located at the beginning of the subseries.

At the end of the Eisenhower administration the staff of OSAST compiled a list of numbered documents for each file folder within the main Alphabetical File (non-Top Secret File). The original list and a carbon copy were filed at the beginning of each folder. A staff archivist has consolidated all of the original lists in one folder located at the beginning of the non-Top Secret File subseries.

Among the many subjects reflected in the working papers of the Alphabetical File are continental air defense, missile development, antisubmarine warfare, disarmament, nuclear test ban negotiations, limited warfare, high-energy accelerator physics, life sciences, international scientific cooperation, space exploration, and satellite development.

The Topic File, Name File, and Crank File primarily contain correspondence from the general public pertaining to a variety of science and technology matters. Photographs located within the collection have been transferred to the Dwight D. Eisenhower Library Audiovisual Collection.

DESCRIPTION OF SERIES

Box Nos. Series

1-17 I. ALPHABETICAL FILE. 1957-60. 17 containers.

Letters, memoranda, reports, charts, notes, opinions, plans, recommendations, and statements pertaining to the activities of, and subjects of concern to, the Office of the Special Assistant to the President for Science and Technology. This series is divided into two parallel files consisting of subseries A - Top Secret File, and subseries B - non-Top Secret File (containing SECRET, CONFIDENTIAL, and unclassified documents). Arrangement within each subseries is alphabetical by subject and chronological thereunder.

17-18 II. PERSONNEL FILE. 1957-60. 1 container.

Applications and letters of people applying for employment in the Office of the Special Assistant to the President for Science and Technology. Arrangement is alphabetical by name and chronological thereunder.

19-23 III. TOPIC FILE. 1957-61. 5 containers.

Reports, photographs, correspondence, publications, and speeches pertaining to the activities of, and subjects of concern to, the Office of the Special Assistant to the President for Science and Technology. Arrangement is alphabetical by subject and chronological thereunder.

24-42 IV. NAME FILE. 1957-61. 19 containers.

Correspondence from the general public pertaining to a wide range of science and technology matters. Arrangement is alphabetical by name and chronological thereunder.

43-45 V. CRANK FILE. 1957-61. 3 containers.

Correspondence and reports pertaining to a variety of science and technology matters. This material may be used in public opinion statistical studies only. Individual items may not be cited or quoted. Arrangement is alphabetical by name and chronological thereunder.

CONTAINER LIST

Box No. Contents

1 Books Transferred to the Book Collection

 SERIES I: ALPHABETICAL FILE. 1957-60

 SUBSERIES A: TOP SECRET FILE.

Folder Location of Numbered Documents

Air Defense [October 1958 - August 1959] [Defense presentations to the President; radar early warning of manned bomber attack]

AICBM (Anti-Intercontinental Ballistic Missile) [March 1958 - September 1959] [defense against ballistic missiles]

ARGUS [April-November 1958] [ARGUS experiment; nuclear weapon explosions in the outer atmosphere]

AEC (Atomic Energy Commission) [December 1957]

CIA (Central Intelligence Agency) [October 1957 - October 1958]

Communications [May 1959]

Computers [May 1959 - January 1960]

Department of Defense [January 1958 - November 1960] [Defense budget and priority programs]

Disarmament - General [April 1958]

Disarmament - Missiles [May 1958 -March 1960] [ballistic missile testing; missile test ban]

Disarmament - Nuclear [March-April 1958] (1)(2) [report of NSC Ad Hoc Working Group on Cessation of Nuclear Testing]

2 Disarmament - Nuclear Test Policy [March 1958 - September 1959] (1)(2)(3) [cessation of nuclear testing; inspection problems]

 Disarmament - Surprise Attack [July-December 1958] (1)(2)(3)(4)

- Intelligence [June-November 1958]
- Limited War [September-October 1960] [U.S. and Allied Capabilities for limited warfare]
- Meetings with The President [August 1959 - September 1960]
- Missiles [December 1957 - May 1960] (1)(2) [U.S. and Soviet missile capabilities]
- National Aeronautics and Space Council [April 1959]
- National Security Council [January 1958 - July 1960] [limited warfare; evaluation of offensive and defensive weapons systems; satellites; missiles]
- Nuclear Requirements, Ad Hoc Panel on [August 1959 - April 1960] [safety tests]
- 3 President's Science Advisory Committee [October 1957 - March 1958] (1)-(5) [reports of the Disarmament Panel - Atomic Energy Working Group; reports of the Ad Hoc Panel on Nuclear Test Limitation]
- Space [October 1957 - October 1959] [satellites; missiles; U.S. and Soviet capabilities in outer space technology]
- Space - Satellites [July 1956 - February 1960] [reconnaissance and early warning satellite programs]
- Speeches [September 1958] [speech by Dr. Killian before the U.S. Army War College, re the importance of science in shaping national objectives]

SUBSERIES B: non-TOP SECRET FILE

- 4 Document Number List [document number lists of numbered documents within each folder of the Alphabetical File Series]
- Advertising Council [March 1958 - March 1960] [campaigns to further "The Achievement of Excellence," to fight recessions, and to increase public interest in science and science education; NSF]
- Agriculture [November 1958 -June 1960] [carcinogenic food additives; the USDA research program]
- ANP (Aircraft Nuclear Propulsion) [December 1957 - December 1958] (1) [plans of the Navy and Air Force re the ANP program; Congressional testimony of the Ad Hoc

Committee on Manned Nuclear Aircraft; reviews of the ANP program]

ANP [January 1959 - November 1960] (2) [ANP budget; management problems in the ANP program; DOD review of the ANP program; alternative ANP programs; recommendations to the President re ANP program by McCone and Quarles]

Air Defense [August 1958 - December 1960] (1)(2) [Furnas Panel Report on Bomarc; Continental Air Defense Panel report; Nike-Zeus program; Air Defense radar coverage of the U.S.; the low altitude threat]

AICBM (Anti-Intercontinental Ballistic Missile) [January 1958 - May 1959] [correspondence and reports re AICBM program; BMEWS; effectiveness of the Nike-Zeus system against ICBM attack]

AICBM [June 1959 - May 1960] (2) [Nike-Zeus Pacific test program; memo - Dr. Watters to Dr. Kistiakowsky - re suggested areas for further study by PSAC technical panels; Continental Air Defense]

AICBM [June-December 1960] (3) [MIDAS program; Nike-Zeus program; Space-Based AICBM defense]

AICBM-Early Warning [November 1957 -December 1960]

ASW (Antisubmarine Warfare) [February 1958 - November 1960] (1)-(3) [ASW weapons systems; U.S.-U.K. meeting re ASW; Fleet Air Defense; satellite monitoring; ATLANTIS (TRIDENT) program; Hydrofoil ships]

ARGUS [February 1958 - April 1959] (1)(2) [material and reports re ARGUS experiments; satellites; Van Allen belt; the electron shield; ARGUS classification guides]

5 Atmospheric Science [August 1957 - October 1960] (1) [notes of Atmospheric Science Panel meetings; global weather reconnaissance systems; national program in meteorology; outer atmospheric physics panel]

Atmospheric Science [October-November 1960] (2)-(5) [Report of the Ad Hoc Panel on Atmospheric Science re the FY 1962 budget proposals in Atmospheric Science]

Atomic Energy [November 1957 - December 1960] [development of a national atomic policy; peaceful uses of atomic energy; International Atomic Energy Agency]

AEC (Atomic Energy Commission) [May 1958 - December 1960] [AEC-ONR joint program in nuclear physics; AEC budget in basic research; development of atomic power for peaceful use]

Basic Research [December 1957 - November 1960] (1)(2) [material re the PSAC panel report “Strengthening U.S. Science”, Amortization of emergency facilities; the ozone problem; BOB review of science programs; agenda and minutes of meetings of the Ad Hoc Panel on Basic Research]

Behavioral Sciences [May-December 1960] [correspondence re government support of the NAS-NRC Committee on Behavioral Science]

BW-CW (Biological Warfare / Chemical Warfare) [July 1958 - June 1959] Material re the draft PSAC BW/CW Panel Report]

Biology [December 1957 - February 1958] [material re the position of the biological sciences in national affairs]

Budget [January 1958 - October 1960] [BOB proposal for an advisory Group on Science and Technology; BOB review of science programs; growth of Federal support for Research and Development]

Cabinet [1958-1960] [Dr. Killian’s and Dr. Kistiakowsky’s presentations to various cabinet meetings]

CIA (Central Intelligence Agency) [February 1958 - January 1960] [COMINT; establishing procedures for OSAST receiving intelligence]

Civil Service Commission [April-July 1959]

Commerce Department [March 1958 - November 1960] [nuclear energy; NBS; basic research budget; Century 21 Exposition; Federal Council for Science and Technology; use of satellites in meteorology]

Communications [March 1960]

Computers [January 1959 - June 1960] [material re PSAC Computer Panel report comparing Soviet and American Computer technology]

6 Conflict of Interest [August 1959]

Congressional [November 1957 - September 1960] (1)-(5) [primarily correspondence with members of Congress]

Declassification [April 1959 - July 1960] [material re declassification of war-time OSRD papers; material re declassification policy]

Department of Defense [1957] (1) [Naval Research Advisory Committee; DOD reorganization; military R and D; Defense Science Board]

Department of Defense [January-February 1958] (2) [Burton Klein's Fortune article "A Radical Proposal for Research and Development"; increased budget for Basic Research]

Department of Defense [March-April 1958] (3) [Upper Atmosphere Chemical Reaction Rate studies; SAC alert and disposal; DOD reorganization; Sac vulnerability; advanced manned weapons systems; ASW; ballistic missiles; Joint Civilian Orientation Conference; R and D expenditures for DOD]

Department of Defense [May-August 1958] (4) [Advisory Panel on General Sciences; Naval Research Advisory Committee resolution on Defense Reorganization Act of 1958; W.E. Bradley's visit to the Stanford Research Institute and the Boeing Aircraft Corp.; satellites; Defense reorganization; NROTC program; new weapons development; ballistic missile defense]

Department of Defense [September-December 1958] (5) [material re the von Karman report to the Air Force; development of low yield nuclear warfare systems; control and coordination of military communications by the joint staff; FY 1960 Budget; supply and research contracts with commercial organizations]

Department of Defense [January-November 1959] (6) [material re FY 1961 Budget; global unified communications systems; management problems in the ANP program]

Department of Defense [1960] (7) [material re strategic and tactical warning; budget issues in the strategic weapons area; FY 1962 military budget review; the DEFENDER program; Air Alert; launching of the Polaris missiles; Organization and management of Army R and D; problems of the B-70 project]

7 DOD (Department of Defense) - Air Force - General Accounting Office Papers [1960] (1)-(3) [report by GAO on "Initial Phase of Review of Administrative Management of the Ballistic Missile Program of the Department of the Air Force"]

Department of Justice [June-July 1960]

Disarmament - Congressional [June 1958 - November 1959] [Geneva nuclear test negotiations; Panel on Seismic Improvement; inspection system of nuclear weapons tests]

Disarmament - General [August 1955 - December 1960] (1)-(6) [communications problems in test ban inspection; technical aspects of arms limitation treaties; disarmament policy review; proposal for an Office of Arms Limitations and Control;

- PSAC Panel on Arms Limitations and Control proposal for a Comprehensive Arms Control System]
- Disarmament - High Altitude [January-July 1959] (1)-(3) [findings and reports of the Panel on High Altitude Detection; conference on the Discontinuance of Nuclear Weapons Tests]
- Disarmament - Missiles [January 1958 - March 1960] [material re the feasibility of a monitored agreement to stop or limit Ballistic Missile testing and/or production]
- Disarmament - NT -Vela [April 1959 - July 1960] (1)(2) [material re the AD Hoc Panel on Seismic Research and Development]
- 8 Disarmament - Nuclear [February 1958 - April 1960] [monitoring of nuclear tests; inspection problems; limitation of nuclear tests]
- Disarmament - Nuclear Test Policy [May 1958 - October 1960] (1)-(7) [material re Lollipop test; Geneva nuclear test negotiations; Threshold proposal]
- Disarmament - Space [February 1958 - February 1960] [prohibition of weapons in space vehicles; monitoring of vehicles in outer space]
- Disarmament - Surprise Attack [July 1958 - April 1959]
- Education Panel [1957-1960] (1)-(6) [report by the Educational Policies Commission, "The Controlling Purposes of American Education"; government programs for expanded science education; efforts to increase the number of science and engineering students]
- Electronics [1957-1959] [material re the DOD Advisory Group on Electron Tubes and the Advisory Group on Electronic Parts]
- Engineers [1958- 1959]
- 9 Federal Council for Science and Technology [1960] (1)-(5) [FCST report to NSC, "Strengthening the Free World in Science and Technology"]
- Federal Council for Science and Technology, Aide Memoire for the Chairman [March 1959 - November 1960] (1)-(3)
- Federal Council for Science and Technology - Designation by President of Chairman [March 13, 1959]

- Federal Council for Science and Technology (Reports) Vol. I (1)-(3) [NSF report, "Projections of Funds, Facilities, and Manpower for the Government's Scientific Research and Development, Fiscal Years 1959-1964"]
- 10 Federal Council for Science and Technology (Reports) Vol. II [June 1957 - October 1960] (1)-(5) [reports of the Coordinating Committee on Materials Research and Development; research projects and priorities of various federal agencies; research in the atmospheric sciences; fire research; high energy physics; reports of the Ad Hoc Panel on Oceanography]
- FCST (Federal Council for Sciences and Technology) Standing Committee (Minutes and Agenda) [March 1959 - December 1960] (1)-(4)
- Fire Research [March 1958 - July 1959]
- Geology [May 1958 - June 1959]
- Health, Education and Welfare [February 1958 - July 1960] [material re increasing the number of scientists]
- 11 High Energy Physics [1958-1960] (1)-(4) [High-Energy accelerator program; European organization for Nuclear research; FY 1962 budget proposals affecting high-energy physics; Stanford Linear Accelerator Project; report of the PSAC-GAC Panel on High-Energy Accelerator Physics]
- High Temperature Research [January-June 1959]
- Institute for Defense Analyses [December 1959]
- Intelligence [February-November 1959] [material re the Army's acoustics intelligence system; history of the SAC Panel on Foreign intelligence]
- Interdepartmental Committee on Scientific Research [November 1957 - December 1958]
- International [January-May 1958] (1) [NSF report on "Role of the Federal Government in International Science"; President's Advisory Committee on Government Organization; SAC Panel on Science and Foreign Affairs; proposal for an "International Conference on Science for Peace"]
- International [June-December 1958] (2) [Committee on Space Research of ICSU; Voice of America study; Refugee scientist program; NAS African study (South of the

Sahara); visit of the Russian oceanographic vessel (Vityaz) to U.S.; Century Exposition; U.S. support of international science]

International [January-April 1959] (3) [material re General E. N. Clark's proposal for a free-world group of science research institutes; PL-480 funds for scientific activities abroad; ad hoc Voice of America Panel report; Century 21 Exposition; U.S. tariffs on scientific equipment]

International [May-July 1959] (4) [PSAC Science and Foreign Affairs Panel reports; International Fellowship Program]

International [September-December 1959] (5) [U.S.-U.S.S.R. scientific exchanges; COSPAR International Space Science Symposium; 11th symposium of Canada's Defense Research Board; PSAC Science and Foreign Affairs Panel; proposal for a UN Science Institute]

International [January-June 1960] (6) [international scientific cooperation; Century 21 Exposition; U.S.-U.S.S.R. scientific exchanges; Pacific Science Congress; International Scientific Unions]

International [July-December 1960] (7) [Technical Assistance Seminar, 11/10/60; Century 21 Exposition; correspondence with the State Department re international scientific matters; NSF interests in Latin American science activities; U.S.-U.S.S.R. scientific exchanges]

12 IGY (International Geophysical Year) [December 1957 -February 1958]

Life Sciences [November 1958 - December 1960] (1)-(4) [careers for women in the physical sciences; occupational safety; material re meetings of the Life Sciences Panel; chemicals in foods; Life Sciences research in various federal agencies]

Limited War [September 1959 - December 1960] [panel on weapons technology for limited warfare]

Manpower [January 1958 - November 1960] [study of the use of scientists and engineers in federal programs; technical manpower utilization program]

Materials [June 1957 - November 1960] [materials research; stockpiling of strategic and critical materials; oil shale development]

Meetings with the President [November 1957 - July 1960]

Memos and Letters to the President [December 1957 - June 1960] [carcinogenic food additives; recommendations for membership on PSAC; proposal for joint space

research project with the U.S.S.R.; disarmament policy; U.S. satellites; air defense radar coverage]

Missiles [November-December 1957] (1) [Polaris program; Thor-Jupiter studies; Ballistic Missile program]

Missiles [January-March 1958] (2) [Jupiter project; solid rocket propellant; Dynasoar project; Polaris program]

Missiles [April-December 1958] (3) [Atlas-Titan program; Dynasoar project; guidance systems for ballistic missiles]

Missiles [1959] (4) [large hydrogen rocket engine development; missile launchings; Atlas program; Minuteman and Polaris programs]

Missiles [January-June 1960] (5) [Missiles Panel reports; Minuteman program; history of ballistic missiles]

Missiles [July-September 1960] (6) [strategic systems panel reports; Dynasoar project; Skybolt ballistic missile project]

13 NATO (North Atlantic Treaty Organization) [1960]

Nuclear Test Suspension - Seismic data [January 1958 - April 1960] (1)-(4) [reports of the Ad Hoc Panel on Seismic R and D; material re Threshold for Underground Tests; Panel on Seismic Improvement; theory of Seismic Coupling; detection of underground tests]

Oceanography [April 1958 - November 1960] (1)(2) [budget for oceanography; Indian Ocean oceanographic expedition; report of the Ad Hoc Panel on Oceanography]

OCDM (Office of Civil and Defense Mobilization) and Civil Defense [December 1956 - October 1960] (1)(2) [fallout shelters; scientific mobilization; NSF civil defense functions; White House Conference on Fallout Protection, 1/25/60]

Office Organization [November 1957 - December 1959]

Panel on Basic Research and Graduate Education [July 1958 - December 1960] (1)-(7) [material and reports of the PSAC Panel on Basic Research and Graduate Education]

14 President's Committee on Information Activities Abroad, the [November 1959 -

- August 1960] [the image abroad of U.S. Science and Technology]
- President's Committee on Recognition of Excellence [July 1959 - June 1960]
- Public Statements [November 1957 - May 1960] (1)-(3) [statements by DDE, Dr. Killian, Dr. Kistiakowsky, and Richard Nixon re science and technology]
- Requests for Education for the Age of Science [June 1958 - March 1960] (1)-(6)
- SRP (Security Resources Panel) [June 1957 - November 1960] [material re the work of the "Gaither Panel"]
- 15 Space [October 1957] (1) [U.S. scientific satellite program; VANGUARD program]
- Space [November 1957] (2) [army satellite program]
- Space [December 1957] (3) [VANGUARD program; NSF position paper on national space effort; traveling space exhibit]
- Space [January-May 1958] (4) [outer space exploration; proposed ARPA projects]
- Space [June-December 1958] (5) [space budget; outer space policy; communications satellite]
- Space [January-June 1959] (6) [communications satellite; national tracking system; satellite reconnaissance]
- Space [July-December 1959] (7) [Space Science Panel activities; coordination of satellite and space vehicle operations]
- Space [January-June 1960] (8) [orbiting astronomical telescope project; communications satellites]
- Space [July-December 1960] (9) [the SAMOS program; DOD space activities; project ADVENT; meteorological satellite program]
- Space Notebook [Killian, 1958-59] (1)-(3)
- 16 Space Notebook [Piland, 1958-59] (1)-(4)
- State [August 1957 - June 1960] [NATO; Conference on Science in International Affairs]

Strengthening the Free World Position in Science and Technology [March-November 1960]

Summit [May 1958 - July 1959] [U.S.-U.S.S.R. scientific cooperation; scientific proposals in connection with possible summit meetings]

Technological Superiority [November 1955 - March 1960]

Telecommunications [May 1956 - July 1959] (1)-(3) [reallocation of radio frequency bands; advisory committee on telecommunication; report on "Aviation Facilities Planning"]

UK (United Kingdom) [March 1959 - December 1960] [material re informal U.S.-U.K. talks; Dr. Kistiakowsky's visit to U. K. , July 14-15, 1960]

USIA (United States Information Agency) [March 1958 - August 1960]

Water [November 1957 - October 1958] [saline water conversion]

- 17 White House - Miscellaneous [October 1957 - December 1960] (1)-(5) [effects of nuclear testing; Geneva technical discussions on Nuclear Test Detection; White House Emergency Plan; suggested drafts for inclusion in Presidential speeches]

WH (White House) - Nixon [March 1958 - September 1960]

SERIES II: PERSONNEL FILE. 1957-60.

Job Applications - Female [January 1958 - June 1960]

- 18 Job Applications - Male [A] [1957-60]

Job Applications - Male [B] [1957-60]

Job Applications - Male [C-E] [1957-60]

Job Applications - Male [F-H] [1957-60]

Job Applications - Male [I-K] [1957-60]

Job Applications - Male [L] [1957-60]

Job Applications - Male [M-O] [1957-60]

Job Applications - Male [P-R] [1957-60]

Job Applications - Male [S] [1957-60] (1)-(3)

Job Applications - Male [T-Z] [1957-60]

19 SERIES III: TOPIC FILE. 1957-61.

Acoustical Society of America

American Biological Society

American Research and Development Corporation

American Rocket Society

American Scientific Glassblowers Society

Department of the Army

Astronomical Tracts

Atomic Energy Commission

Chesapeake Instrument Corporation, Research Proposal

Civil Defense

Civil Service Commission

Department of Commerce

Congressional Correspondence

Corporation, Studies on the Role of the

Crystalline Solids, Mechanical Resonance Dispersion and Plastic Flow in

Department of Defense

Education (1)

20 Education (2)

Engineers in Armed Services, Proper Utilization

Fire Research Committee

Food Additives and Chemicals Panel, Public Mail Letters

Foreign Policy Research Institute

Fuel Survey

“Hot Rodders”

J.R. Killian - Articles and Other Publications

J.R. Killian - Letters of Thanks to Consultants

J.R. Killian - Speeches Declined, A-C

J.R. Killian - Speeches Declined, D-M

21 J.R. Killian - Speeches Declined, N-Z

G. B. Kistiakowsky - Invitations Declined, A-M

G. B. Kistiakowsky - Invitations Declined, N-Z

G. B. Kistiakowsky - Public Statements

G. B. Kistiakowsky - Speeches

G. B. Kistiakowsky - Speeches Declined, A-M

G. B. Kistiakowsky - Speeches Declined, N-Z

Medical Research

National Advisory Committee for Aeronautics

National Aeronautics and Space Administration

Transfer of Redstone Arsenal to NASA, Correspondence and Telegrams

National Inventors Council, Department of Commerce

- National Science Foundation (1)
- 22 National Science Foundation (2)
- P.E.C. Corporation
- Pay / Importance of Biological, Geological and Earth Sciences
- Physiology Publications
- Potter Aeronautical Corporation, Precision Flow Measurement
- The President - Material Prepared for
- President's Committee on Scientists and Engineers
- Public Mail - Letters Sent, July 1959 - December 1960
- Referral Letters
- Religious Publications
- Requests for Education Report and Killian Speech on Science and Public Policy (1)(2)
- 23 Requests for "Introduction to Outer Space" (1)(2)
- Requests for Speech and PSAC Material
- Rocket Clubs
- Science and Engineering Education - Utilization of Scientists and Engineers
- Science Service
- The Journal of Solar Energy, Science and Engineering
- Solar Energy, "The Sun at Work"
- Space
- Department of State

Strengthening American Science, Distribution List

Thomas Alva Edison Foundation, 1957, Annual Report

Union of Soviet Socialist Republics

WBBM-TV, Activities in 1958

West Coast Electronic Manufacturers Association

24 SERIES IV: NAME FILE. 1957-61.

Aa-Ad

Ae-Al

Am

An-As

At-Ay

Bab-Bal

Bam-Bas

Bat-Bel

25 Ben-Berg

Berm-Bha

Bi-Bj

Bla-Boy

Bra-Bri

Bro

26 Bru-Bum

Bur-By

Cab-Car

Cas-Chu

Ci-CI

Coa-Con

27 Coo-Cov

Cow-Cz

Da

De

Di-Do

Dr-Dy

28 Ea-Ed

Ee-Em

En-Ew

Fa-Fi

Fla-Fot

Fou-Fra

Fre-Fur

29 Ga

Ge

Gi

Gl

Go

Gr

Gu-Gw

Haa-Ham

30 Han-Harl

Harm-Hay

Hea-Hem

Hen-Hil

Him-Hol

Hon-Hot

Hou-Hud

31 Huf-Hy

I

Ja-Je

Jo-Ju

Kab-Kas

Kat-Ken

Ker-Kin

32 Kir-Knu

Ko-Kr

Ku-Ky

La

Lea-Lee

Lef-Lev

Lew-Lie

Lig-Lit

33 Liv-Loc

Loe-Luk

Lun-Ly

McA-McD

McE-McR

Mac-Mah

Mai-Marr

Mars-Mas

34 Mat-Men

Mer-Mey

Mic-Mik

Mil-Min

Mir-Mof

Mol-Moo

Mor-Mos

Mou-My

35 Nad-Nel

Ner-Ney

Ni-Ny

Ob-Oh

Ol-Op

Or

Os-Oz

36 Pab-Par

Pas-Pey

Pfe-Pif

Pig-Pou

Pow-Pre

Pri-Put

Q

37 Rab-Rat

Raw-Ree

Rei-Rey

Rhe-Rob

Roc-Roy

Ru-Ry

Sac-San

38 Sar-Say

Sca-Schl

Schm-Sco

Se-Shab

Shacter, John

Shaf-She

Shi-Sil

39 Sim-Sme

Smi

Sn-So

Spa-Spe

Spi-Sq

Sta

Ste

40 Stu-Str

Sty-Sz

Ta

Tch-Thi

Tho-Tk

To-Ty

- U
- Vag-Van
- Var-Vra
- 41 Wac-Wal
- Wam-Way
- Wea-Wee
- Wei-Wey
- Wh
- Wic-Wilk
- Will-Wils
- Win-Wol
- 42 Woo-Wor
- Wr-Wy
- Y
- Z

43-45 SERIES V: CRANK FILE. 1957-61. [see series description]

***ABBREVIATIONS, ACRONYMS, AND CODE NAMES**

ABM Antiballistic missile system (also AICBM), at that time (1958-60) involving the Nike-Zeus missile system

AEC United States Atomic Energy Commission, chaired by John McCone

AFTAC Air Force Technical Applications Center, responsible for seismic and other methods for detection of Soviet nuclear explosions

AICBM See ABM

*Taken in part from A Scientist at the White House, by George B. Kistiakowsky. Cambridge, Mass.: Harvard University Press, 1976

ANP Aircraft Nuclear Propulsion project, managed by the Air Force and later canceled

ARDC Air Research and Development Command, headed by Gen. Bernard Schriever, in control of most research and development in the Air Force

ARGUS High-Altitude rocket-borne nuclear test explosions in 1958

ARPA Advanced Research Projects Agency, set up in February 1958 in the Office of the Secretary of Defense

ASW Antisubmarine warfare

BMD Ballistic Missiles Division of the ARDC, which also managed the space projects of the Air Force

BMEWS Ballistic missile early warning system

BOB Bureau of the Budget

BW/CW Biological Warfare/Chemical Warfare

CEP Circular Error, probable; a measure of missile accuracy

CERN European Center for Nuclear Research, near Geneva, Switzerland

CIA Central Intelligence Agency

COMINT Intelligence gathered by the interception of radio messages

CW Chemical Warfare

DDRE Director of Defense Research and Engineering and his office, set up in 1958 under the secretary and deputy secretary of Defense, Herbert York being the first director

DEW Line Distant Early Warning air defense installations in northern Canada

DOD Department of Defense

Dynasoar Rocket-launched long-range space glider project

ELINT Intelligence from intercepted telemetry, radar, and other electromagnetic signals

FAA Federal Aviation Administration
FCST Federal Council for Science and Technology

FDA Food and Drug Administration, in the Department of Health, Education, and Welfare

FY Fiscal Year

GAO General Accounting Office, an arm of Congress monitoring Federal expenditures of the executive branch

HEW Department of Health, Education, and Welfare

ICA International Cooperation Administration

ICBM Intercontinental ballistic missile

IDA Institute for Defense Analyses; a nonprofit corporation in Washington, D.C.

IGY International Geophysical Year

IRBM Intermediate range ballistic missile

JCS Joint Chiefs of Staff

MAP Military assistance program

MIDAS Military satellite project to detect enemy ICBMs in early flight

PSAC President's Science Advisory Committee

Minuteman Three-stage ICBM propelled by solid propellant rockets, launched from silos

MITRE A nonprofit corporation, split from the Lincoln Laboratory of the Massachusetts Institute of Technology, which was engaged in military contract work

NACA National Advisory Committee on Aeronautics, precursor of NASA

NAS National Academy of Sciences, chartered by Congress in 1863

NASA National Aeronautics and Space Administration, created in 1958

NIE National intelligence estimates, prepared by USIB

NIH National Institutes of Health

Nike-Hercules The most advanced air-defense rocket-propelled missile

NORAD North American Air Defense Command

NRAC Naval Research Advisory Committee, associated with ONR

NRC National Research Council of NAS

NSA National Security Agency

NSC National Security Council

OCB Operations Coordinating Board, charged with ensuring that NSC actions are carried out

OCDM Office of Civilian Defense Mobilization in the Executive Office of the President

ONR Office of Naval Research

OSAST Office of the Special Assistant for Science and Technology

OSD Office of the Secretary of Defense

Pershing Mobile long-range nuclear-tipped surface-to surface Army missile

Planning Board Interagency group charged with preparing policy papers for NSC

Pluto Nuclear-powered ram-jet engine for the SLAM vehicle, under development by the Livermore Nuclear Weapons Laboratory; later canceled

Pugwash Nongovernment international conferences of scientists concerned with disarmament, etc., started in 1957 by Cyrus Eaton at the initiative of Albert Einstein and Bertand Russell; the first conference was held at Eaton's estate in Pugwash, Nova Scotia, Canada

R&D Research and Development

RDTE Research, development, test, and evaluation (of military systems)

Sac Strategic Air Command of the United States Air Force

Skybolt Air-to-ground long-range ballistic missile project

SLAC Stanford linear accelerator project; a machine to accelerate electrons to highest energies estimated then to cost \$20 million

SLAM Nuclear-powered supersonic low-altitude missile project; later canceled

TCP Technological Capabilities Panel, a large study of national security problems in 1954

USDA United States Department of Agriculture

USIA United States Information Agency

USIB United States Intelligence Board

VELA Project operated by ARPA to improve seismic and other detection of nuclear warhead tests

WSEG Weapons systems evaluation group, attached to the JCS

END OF CONTAINER LIST