



Smithsonian

National Museum of American History Kenneth E. Behring Center

General Electric Corporate
Research Department Collection

NMAH.AC.1593

Alison Oswald

2023

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Collection Overview

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| Repository: | Archives Center, National Museum of American History |
| Title: | General Electric Corporate Research Department Collection |
| Date: | 1907-1985 |
| Identifier: | NMAH.AC.1593 |
| Creator: | General Electric Company |
| Source: | National Museum of American History (U.S.). Division of Work and Industry |
| Extent: | 8 Cubic feet (17 boxes) |
| Language: | English . |

Administrative Information

Acquisition Information

Immediate source of acquisition unknown.

Provenance

Collection transferred to the Archives Center from the Division of Work and Industry in 2023.

Processing Information

Collection processed by Alison Oswald, archivist, 2023.

Preferred Citation

General Electric Corporate Research Department Collection, Archives Center, National Museum of American History

Restrictions

Collection is open for research.

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Historical

The General Electric Company (GE) was founded in 1892 as the result of a merger between Edison General Electric Company and the Thomas-Houston Company. In 1900, General Electric established a research laboratory in Schenectady, New York, which was the first industrial laboratory in the United States.

Content Description

Materials document the organization, structure, personnel, and research areas of the General Electric Research Department, Schenectady, New York. Materials include speeches and addresses by company executives, work-related management courses, internal management texts, employee benefit materials, and publications about General Electric's work.

Arrangement

Collection is arranged into five series.

Series 1: Organizational Materials, 1951-1985

Series 2: Management Materials, 1916, 1953-1961, 1966

Series 3: Addresses/Speeches, 1950-1965

Series 4: Reports Reports, 1947-1964

Series 5: Publications/Writings, 1907-1984

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Courses and lectures
- Management
- telephone -- Directories

Types of Materials:

- Publications
- Speeches

Names:

- National Museum of American History (U.S.). Division of Work and Industry

Container Listing

Series 1: Organizational Materials, 1951-1985

| | |
|-----------------|---|
| Box 1, Folder 1 | The Source Book, Facts and Figures and Some Thoughts about General Electric, 1951 |
| Box 1, Folder 2 | The Source Book, Facts and Figures and Some Thoughts about General Electric, 1951-1952 |
| Box 1, Folder 3 | General Electric Organization and Policy Guide, 1953-1967 |
| Box 1, Folder 4 | Smiddy, Harold F., General Electric's Philosophy and Approach for Manager Development, 1956 |
| Box 1, Folder 5 | An Approach to Laboratory Planning, 1956-06-01 |
| Box 1, Folder 6 | Organization Directory, 1956-09 |
| Box 1, Folder 7 | Press, Radio and TV News Relations, Official Photographs and Biographies of Company Officers, 1962-1964 |
| Box 2, Folder 1 | Library Council (Whitney Library), 1963-1965 |
| Box 2, Folder 2 | General Electric Research Laboratory Organization Directory, 1963-1965 |
| Box 2, Folder 3 | Certificate of Incorporation and By-Laws, 1965 |
| Box 2, Folder 4 | General Electric Telephone Directory, 1964-01 |
| Box 2, Folder 5 | Research Laboratory Organization Directory, 1965 |
| Box 2, Folder 6 | General Electric Research Laboratory, General Information Booklets, 1965 |
| Box 2, Folder 7 | Achieving Public Relations Objectives with Research Information, 1954 |
| Box 2, Folder 8 | Tempo Public Relations Index, SP-100 (U), 1965-06 |
| Box 2, Folder 9 | General Electric, Professional Business Management at Work, 1966 |
| Box 3, Folder 1 | Report of Facilities Utilization Task Force, 1966-03 |
| Box 3, Folder 2 | Organization Directory, 1966-04 |

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| Box 3, Folder 3 | Interim Organization Directory, 1968-03 |
| Box 3, Folder 4 | If You Ask Me...The General Electric Story, 1968 |
| Box 3, Folder 5 | Corporate Research and Development Organization Directory, 1969-1971 |
| Box 3, Folder 6 | Profiles of General Electric Business Operations, circa 1960s |
| Box 3, Folder 7 | Corporate Research and Development Organization Directory, 1974-12 |
| Box 3, Folder 8 | Corporate Research and Development Organization Directory, 1976-08 |
| Box 3, Folder 9 | Corporate Research and Development Organization Directory, 1979-03 |
| Box 3, Folder 10 | Report of Kidder, Peabody and Company about General Electric, 1977 |
| Box 3, Folder 11 | General Electric Organization and Policy Guide, 1981 |
| Box 3, Folder 12 | Corporate Research and Development Organization Directory, 1981-11 |
| Box 3, Folder 13 | General Electric Employee Benefits Summary Plan Description, 1985 |

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Series 2: Management Materials, 1916, 1953-1961, 1966

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| Box 4, Folder 1 | Professional Management in General Electric, Book One, 1953 |
| Box 4, Folder 2 | Professional Management in General Electric, Book Two, 1955 |
| Box 4, Folder 3 | Professional Management in General Electric, Book Four, 1959 |
| Box 4, Folder 4 | Advanced Management Course I, Directory of Participants, 1956 |
| Box 4, Folder 5 | Advanced Management Course II, Directory of Participants, 1956 |
| Box 5, Folder 1 | Advanced Management Course III, Directory of Participants, 1956 |
| Box 5, Folder 2 | Advanced Management Course IV, Directory of Participants, 1956 |
| Box 5, Folder 3 | Advanced Management Course I, Directory of Participants, 1957 |
| Box 5, Folder 3 | Advanced Management Course II, Directory of Participants, 1957 |
| Box 5, Folder 4 | Advanced Management Course III, Directory of Participants, 1957 |
| Box 5, Folder 4 | Advanced Management Course IV, Directory of Participants, 1957 |
| Box 5, Folder 5 | Advanced Management Course I, Directory of Participants, 1958 |
| Box 5, Folder 5 | Advanced Management Course II, Directory of Participants, 1958 |
| Box 5, Folder 6 | Advanced Management Course III, Directory of Participants, 1958 |
| Box 5, Folder 6 | Advanced Management Course IV, Directory of Participants, 1958 |
| Box 5, Folder 7 | Advanced Management Course I, Directory of Participants, 1959 |
| Box 5, Folder 7 | Advanced Management Course II, Directory of Participants, 1959 |
| Box 5, Folder 8 | Advanced Management Course III, Directory of Participants, 1959 |
| Box 5, Folder 8 | Advanced Management Course IV, Directory of Participants, 1959 |
| Box 5, Folder 9 | Advanced Management Course V, Directory of Participants, 1959 |
| Box 6, Folder 1 | Advanced Management Course I, Directory of Participants, 1960 |
| Box 6, Folder 1 | Advanced Management Course II, Directory of Participants, 1960 |

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| Box 6, Folder 2 | Advanced Management Course III, Directory of Participants, 1960 |
| Box 6, Folder 2 | Advanced Management Course IV, Directory of Participants, 1960 |
| Box 6, Folder 3 | Advanced Management Course V, Directory of Participants, 1960 |
| Box 6, Folder 3 | Advanced Management Course I, Directory of Participants, 1961 |
| Box 6, Folder 4 | Advanced Management Course II, Directory of Participants, 1961 |
| Box 6, Folder 4 | Advanced Management Course II, Directory of Participants, 1961 |
| Box 6, Folder 5 | Advanced Management Course II, Directory of Participants, 1966 |
| Box 7, Folder 1 | Mountain States Telephone and Telegraph, Educational Department, Plant Course 1, Elements of Electricity and magnetism, 1917 |
| Box 6, Folder 6 | Mountain States Telephone and Telegraph, Educational Department, Plant Course 3, Private Branch Exchanges, 1916 |
| Box 6, Folder 7 | Mountain States Telephone and Telegraph, Educational Department, Plant Course 4, Outside Plant, 1917 |
| Box 6, Folder 8 | Mountain States Telephone and Telegraph, Educational Department, Plant Course 5, Central Office Equipment, 1918 |

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Series 4: Addresses/Speeches, 1950-1965

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| Box 7, Folder 2 | General Electric Executive Speeches, 1961-1965 |
| Box 7, Folder 3 | Addresses by Ralph J. Cordiner, President of General Electric, 1950-1956 |
| Box 7, Folder 4 | Addresses by Ralph J. Cordiner, President of General Electric, 1957-1963 |
| Box 8, Folder 1 | Addresses by Philip D. Reed, Chairman of the Board of General Electric, 1950-1956 |
| Box 8, Folder 2 | Addresses by Dr. Guy Suits, Vice President and Director of Research, 1953-1958 |
| Box 8, Folder 3 | Addresses by Dr. Guy Suits, Vice President and Director of Research, 1959-1964 |
| Box 8, Folder 4 | Addresses by General Electric Executives, 1971-1973 |
| Box 8, Folder 5 | Addresses by General Electric Executives, 1974-1977 |
| Box 8, Folder 6 | General Electric Executive Speeches, 1952 |
| Box 9, Folder 1 | General Electric Executive Speeches, 1955-1956 |
| Box 9, Folder 2 | General Electric Executive Speeches, 1957 |
| Box 9, Folder 3 | General Electric Executive Speeches, 1959-1961 |
| Box 9, Folder 4 | General Electric Executive Speeches, 1979 |

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Series 5: Reports, 1947-1964

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| Box 9, Folder 5 | Memo Reports, Volume 1, Index, 1955-1958 |
| Box 9, Folder 6 | Memo Reports, Volume 1, #1-#10, 1955-1957 |
| Box 9, Folder 7 | Memo Reports, Volume 1, #11-#20, 1957-1958 |
| Box 9, Folder 8 | Memo Reports, Volume 1, #12-#31, 1958 |
| Box 9, Folder 9 | Memo Reports, Volume 2, Index, 1959-1964 |
| Box 10, Folder 1 | Research Laboratory Reports, Volume 2, Index, 1958-1959 |
| Box 10, Folder 2 | Research Laboratory Reports, Volume 2, #1-#8, 1958-1959 |
| Box 10, Folder 3 | Research Laboratory Reports, Volume 2, #9-#21, 1959 |
| Box 10, Folder 4 | Research Laboratory Reports, Volume 2, #22-#26, 1959 |
| Box 10, Folder 5 | Research Laboratory Reports, Volume 2, #1-#15, 1959-1960 |
| Box 10, Folder 6 | Research Laboratory Reports, Volume 2, #16-#24, 1960-1964 |
| Box 10, Folder 7 | Research Laboratory Reports, Volume 3, Index, 1959-1961 |
| Box 11, Folder 1 | Research Laboratory Reports, Volume 3, #1-#11, 1959-1960 |
| Box 11, Folder 2 | Research Laboratory Reports, Volume 3, #12-#19, 1960 |
| Box 11, Folder 3 | Research Laboratory Reports, Volume 3, #20-#26, 1961 |
| Box 11, Folder 4 | Air Force Reports, The Role of Polygonization in Creep, 1956-1958 |
| Box 11, Folder 5 | Air Force Reports, Investigations of Deformations and Fracture of Metals, 1950-1955 |
| Box 11, Folder 6 | Air Force Reports, Recovery and Creep in Alloy Steel, 1952-02 |
| Box 11, Folder 7 | Air Force Reports, Metallurgy Group Flight Research Laboratory Research Division, 1952-03 |
| Box 11, Folder 8 | Air Force Reports, Application of Cottrell's Theory of Yielding to Delayed Yield in Steel, undated |
| Box 12, Folder 1 | J.C. Fisher, Reprints, 1947-1952 |

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| Box 12, Folder 2 | J.C. Fisher, Reprints, 1953-1962 |
| Box 12, Folder 3 | J.C. Fisher, Reports, 1948-1951 |
| Box 12, Folder 4 | J.C. Fisher, Reports, 1951-1955 |

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Series 6: Publications/Writings , 1907-1984

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| Box 13, Folder 1 | General Electric Supply Department Bulletins, 1907 |
| Box 13, Folder 2 | General Electric Supply Department Bulletins, 1908 |
| Box 13, Folder 3 | General Electric Supply Department Bulletins, 1909 |
| Box 13, Folder 4 | General Electric Supply Department Bulletins, 1911-01 |
| Box 13, Folder 5 | General Electric Supply Department Bulletins, 1913 |
| Box 13, Folder 6 | General Electric Supply Department Bulletins, 1914-03 |
| Box 13, Folder 7 | General Electric Supply Department Bulletins, 1916-05 |
| Box 13, Folder 8 | Hull, Albert W. Qualifications of a Research Physicist, 1931-07 |
| Box 13, Folder 9 | Tyne, Gerald F.J. The Saga of the Vacuum Tube, 1945 |
| Box 14, Folder 1 | Railway Signal Association, Signal Directory, 1911 |
| Box 14, Folder 2 | Metal Tube Development, 1935-10-15 |
| Box 14, Folder 3 | Works Laboratory Conference No. 8, Schenectady Works, 1945-10 |
| Box 14, Folder 4 | Birr, Kendall Albert. General Electric Research Laboratory, A Case Study in the History of Industrial Research, 1951 |
| Box 15, Folder 1 | Flat Reports, A Bibliography and Index of Reports on German Industry, 1948-01 |
| Box 15, Folder 2 | White, William Comings. The Early Phototube, 1950 |
| Box 15, Folder 3 | White, William Comings. The Early Part of the Sealed Ignition Story, 1950 |
| Box 15, Folder 4 | Measurements Project, Part 1, 1954-01 |
| Box 15, Folder 5 | General Electric, Association Island Operation Conference, 1956 |
| Box 15, Folder 6 | Measurements Project, Operational Measurements, No. 2, Market Position, 1956-04 |
| Box 15, Folder 7 | Measurements Project, Operational Measurements, No. 4, Product Leadership, 1956-04 |
| Box 16, Folder 1 | Information Storage and Retrieval Study for Research Laboratory, 1961 |

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| Box 16, Folder 2 | Cook, L.G. Information Technology and Research in the General Electric Company, the Next Fifteen years, Gaps and Opportunities in Technical Preparedness, 1962 |
| Box 16, Folder 3 | Contributions of the Engineering Function to Planning the Strategy of the Business, 1958-01-20 |
| Box 16, Folder 4 | Proposal, Assessment of Ultrasonic Imaging Technologies, 1976 |
| Box 16, Folder 5 | Register of Company Centers of Research, 1965-03-15 |
| Box 16, Folder 6 | Directory of Engineering Management, 1980-09 |
| Box 17, Folder 1 | Executive Summary, Energy Environment Outlook, 1976 |
| Box 17, Folder 2 | Tax Foundations, Tax Review, Volume 38, No. 2, 1977-02 |
| Box 17, Folder 3 | Arthur M. Bueche. The Hard Truth about Our Future, 1977-03 |
| Box 17, Folder 4 | Formation of New York State Council on Engineering Legislation, 1977 |
| Box 17, Folder 5 | John F. Welch. The Quality Economy and Its Link to the Quality of Life, 1982 |
| Box 17, Folder 6 | Dean Witter, Research Note, Analysts Meeting with Chairman Jack Welch and Vice Chairman Ed Hood, 1984 |
| Box 17, Folder 7 | Western Union Telegraph Company, Specifications for Multiplex Printing Telegraph System 263-C, undated |
| Box 17, Folder 8 | Western Union Telegraph Company, Specifications 3658-B, 1941 |
| Box 17, Folder 9 | Western Union Telegraph Company, Specifications 4681-A, Operation and Adjustment of Multiplex Tape Transmitter, 1939 |
| Box 17, Folder 10 | Western Union Telegraph Company, Specification 4751-A, Operation and Adjustment of Multiplex Auto Control 1-A, 1932 |
| Box 17, Folder 11 | Western Union Telegraph Company, Specification 5336-A, Operation and Multiplex Perforation 2-A, 1941 |
| Box 17, Folder 12 | Western Union Telegraph Company, Multiplex Cable Printer System Test Table 2-A, Wiring Diagram, undated |

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