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RS 17/1/11

Frank. H. Spedding (1902-1984)

Papers, 1925-1985, n.d.

Descriptive summary

creator: Spedding, Frank H. (1902-1984)
title: Papers
dates: 1925-1985, n.d.
extent: 44.52 linear ft. (106 document boxes)
collection
number: RS 17/1/11
repository: University Archives, Special Collections Department, Iowa State University.

Administrative information

access: Open for research
publication
rights: Consult Head, Special Collections Department
preferred
citation: Frank H. Spedding Papers, RS 17/1/11, Special Collections Department, Iowa State University Library.

Biographical note

Frank Harold Spedding was born to Howard Leslie and Mary Ann Elizabeth Spedding on October 22, 1902, in Hamilton, Ontario, Canada. He received his B.S. (1925) in chemical engineering and his M.S. (1926) in analytical chemistry both from the University of Michigan. He received his Ph.D. (1929) in chemistry from the University of California, Berkeley.

Due to the Great Depression, Spedding was forced to work in temporary positions at Berkeley until 1934, then at Cornell University until 1937. He was then offered an assistant professorship at Iowa State University as the Director of the Physical Chemistry Department. In 1941, he assumed the position of Professor of Chemistry, and was appointed Professor of Physics in 1950. In 1962, he became Professor of Metallurgy.

In 1941, Spedding was asked to join the researchers working on the atomic bomb. He and his staff in Ames, Iowa, developed a relatively easy and inexpensive method for producing uranium of high purity in large quantities, necessary for what became known as the Manhattan Project. His team produced over two million pounds of uranium between 1941 and 1945. Spedding was also present at the University of Chicago to witness the first controlled atomic chain reaction.

After World War II, Spedding founded the Institute of Atomic Research, and, in 1947, the Ames Laboratory of the United States Atomic Energy Commission, becoming its first Director. He remained Director until he returned to his research in 1968. In 1973, he gained the status of Professor Emeritus.

Dr. Spedding's work with the rare earth elements was highly regarded and considered to be important pioneering research in the field. He was universally acknowledged as one of the world's foremost experts on the identification and separation of rare earths. He was also an editor and authored over 260 articles in professional journals. He was a member of the American Chemical Society, the National Academy of Sciences, the American Physical Society, the Faraday Society, Sigma Chi, Phi Lambda Upsilon, Phi Kappa Phi, and was an honorary member of Tau Beta Pi, the Society of Applied Spectroscopy, and the Austrian Chemical Society. He won numerous awards including the Langmuir Award, the Nichols Medal, the Douglas Medal, the Clamer Medal, a Guggenheim Fellowship, and was nominated for the Nobel Prize. He received honorary degrees from the University of Michigan, Case Institute of Technology, and Drake University. Dr. Spedding died in 1984 at the age of 82.

Collection description

The collection (1925-1985, n.d.) contains the correspondence, publications, clippings, speeches of Frank H. Spedding and administrative records related to his work as director of the Ames Laboratory of the U.S. Department of Energy.

Organization

The collection is organized chronologically with biographical information at the front.

Container list

Box	Folder	Title	Dates
1	1	Biographical information: includes publications listing	1949-1984
1	2	Biographical information: includes several published papers	1946-1986
1	3	Biographical information: news clippings	1946-1985
1	4	Biographical information: general	1947-1979
1	5	Biographical information: vita	1982
76	9	Miscellaneous: Campbell, Edward DeMille: Obituary	1925
76	11	Miscellaneous: Transcript of college records of Spedding from Michigan	1926
49	26	Correspondence: Personal	1926-1934
78	27	Miscellaneous: California: First appointment as teaching fellow	1927
76	6	Articles: "Cooperation in Science and Industry" in Nature	1929
49	17	Correspondence: Hopkins, B. S., concerning purity of rare earths available	1929
49	28	Correspondence: Obtaining rare earths	1929
76	8	Miscellaneous: Ph.D. Programme: F. H. Spedding	1929
99	2	Articles by Spedding, 1-25	1929-1936
49	13	Correspondence	1930
49	22	Correspondence: Application with Civil Service	1930

Box	Folder	Title	Dates
49	24	Correspondence: National Research Council	1930-1932
76	12	Miscellaneous: University of Michigan Chemical Engineering folder	1930-1940
49	21	Correspondence: Van Vleck, J. H.	1931-1932
49	14	Correspondence, Cady, George	1932
49	15	Correspondence: Freed, Simon	1932
49	20	Correspondence: Pringsheim, Peter	1932
77	8	Miscellaneous: Appointment at California	1932
76	7	Miscellaneous: Paper before the American Physical Society at Pasadena	1932
8	1	Research: Joint research with A. Pabst	1932
58	5	Correspondence: Urey, H. C., concerning his work on isotope separation	1932-1941
51	42	Correspondence: Various	1932-1943
76	5	Articles: "Zeeman Effect in Solids" in Journal of Chemical Physics	1933
49	25	Correspondence: Beechnut Packing Co., only job offer in 1933	1933
49	23	Correspondence: Chicago seminar: Langmuir Prize	1933
49	16	Correspondence: Grace, N.	1933
49	18	Correspondence: Langmuir Award presented to Spedding at World's Fair, Chicago	1933
90	10	Miscellaneous: Early work on sugars	1933-1942
49	4	Correspondence: Chandler, C.	1934
49	5	Correspondence: Foreign correspondents	1934
49	6	Correspondence: Guggenheim Fellowships booklet	1934
49	7	Correspondence: Joffe, I., letter about Russian trip	1934
49	19	Correspondence: McFarlane, Angus	1934
49	27	Correspondence: Papish, Jacob, Head of Chemistry Department at Cornell University	1934
49	8	Correspondence: Guggenheim Fellowship	1934-1935

Box	Folder	Title	Dates
49	10	Correspondence: Nutting, George, Spedding's first graduate student	1934-1936
58	6	Correspondence: Moe, H. A., concerning Guggenheim Award	1934-1941
49	11	Correspondence: Babcock, Harold, Mount Wilson Observatory	1935
49	9	Correspondence: Lewis, G. N.	1935
58	3	Correspondence: Various	1935
49	3	Correspondence: Letter to Professor Gromberg on his retirement	1935-1936
51	31	Correspondence: Reiber, Harold	1935-1937
57	12	Correspondence: Various	1935-1941
57	13	Correspondence: Various	1936-1937
51	26	Correspondence: Appointment to Graduate Faculty at Iowa State	1937
51	7	Correspondence: Merrill, Paul W., astronomer at Mount Wilson Observatory	1937
51	12	Correspondence: Neurath, Hans	1937
51	32	Correspondence: Quill, L. L., Michigan State University	1937
51	40	Correspondence: Simon, Fritz	1937
51	18	Correspondence: Whitmore, F. C., Dean of Penn State University	1937
51	34	Correspondence: Rutzler, J. W.	1937-1938
99	3	Articles by Spedding, 26-50	1937-1950
58	4	Application: Civil Service	1938
51	9	Correspondence: Milner, R. T.	1938
51	28	Correspondence: Rabinowitch, Eugene	1938
51	37	Correspondence: Schmitt, Francis O.	1938
51	39	Correspondence: Sherman, Jack and Albert	1938
51	11	Correspondence: U.S. Navy regarding Reserve Office	1938
51	15	Correspondence: Van Vleck, J. H., Harvard University	1938
58	2	Correspondence: Various	1938

Box	Folder	Title	Dates
51	19	Correspondence: Wiley Publishing Co., review of thermodynamic books	1938
77	14	Miscellaneous: Article on slats of astronomy in Old Sigma Xi Quarterly	1938
91	6	Miscellaneous: Invitational lecture before the Faraday Society at Oxford	1938
8	2	Research: Early projects	1938
51	21	Correspondence: Wilson, E. Bright	1938-1939
91	8	Miscellaneous: Application to Ag Experiment Station for equipment	1938-1940
51	5	Correspondence: Letters of recommendation for students	1938-1941
105	11	Naval Reserve: Correspondence and forms	1938-1941
58	1	Correspondence: Various	1938-1942
51	14	Correspondence: Nikitine, S.	1939
51	29	Correspondence: Randall, H. M.	1939
51	44	Correspondence: Rollefson, G. K.	1939
51	33	Correspondence: Rossini, Frederick D.	1939
51	35	Correspondence: Ryan, A.	1939
51	43	Correspondence: Various	1939
51	16	Correspondence: Wahl, Art	1939
51	25	Correspondence: Young, Herbert	1939
59	3	Miscellaneous: Instruction manuals for equipment used at Ames Lab	1939
91	7	Miscellaneous: Problems Spedding encountered when he first came to Ames	1939
50	13	Correspondence: Examples of letters trying to get parts of equipment rather than money	1939-1941
51	30	Correspondence: Teller, Edward	1939-1941
51	23	Correspondence: Wood, R. W., Johns Hopkins University	1939-1941
51	13	Correspondence: Newton, Roy F., Purdue University	1940
51	36	Correspondence: Scatchard, George	1940
51	41	Correspondence: Stamm, R. F.	1940

Box	Folder	Title	Dates
48	13	Correspondence: Various	1940
51	17	Correspondence: Waldbauer, Louis, University of Iowa	1940
51	20	Correspondence: Williams, J. M.	1940
51	22	Correspondence: Woltz, Frank	1940
103	3	Miscellaneous: Michigan Alumnus class note	1940
49	12	Publications: "The Absorption of Praseodymium Ion in Solution and in the Solid State" (Spedding's first theoretical article)	1940
66	7	Photographs: Second microphotometer for measuring plates (2- 8x10" b/w)	1940 ca.
51	38	Correspondence: Selwood, Pierce W.	1940-1941
51	10	Correspondence: Moss, C. H. (Spedding's first foreign grad student)	1940-1942
90	8	Miscellaneous: H. D. Smyth report of the Atomic Energy Development during the war	1940-1945
105	2	Miscellaneous: News clippings	1940s
50	21	Correspondence: Difficulties of getting research supplies after the war started	1941
51	6	Correspondence: Replies to questions	1941
51	4	Correspondence: U.S. Navy	1941
51	24	Correspondence: Yntema, L. F.	1941
91	1	Miscellaneous: Difficulties of getting a priority for small amounts of material (pre-Pearl Harbor)	1941
91	3	Miscellaneous: Difficulties of organizing a symposium in the 1940s	1941
91	4	Miscellaneous: Difficulty of getting equipment and apparatus in the early years	1941
91	5	Miscellaneous: English problems for students	1941
92	1	Miscellaneous: First purchase of cap and gown	1941
91	10	Miscellaneous: Library conditions at Iowa State College before 1940	1941
91	12	Miscellaneous: Undergraduate worker in Chemistry Department	1941

Box	Folder	Title	Dates
66	3	Photographs: Early pictures of the effect of different crystalline compounds and crystal symmetry on absorption spectra, low temperatures (2- 5x7" b/w, 1-8x10" b/w)	1941
51	2	Correspondence: Serving on committee for AAUP	1942
58	10	Correspondence: Various	1942-1943
103	21	Administration: Personnel policies: Wages, hours, holidays, and public relations	1942-1944
103	10	Contracts	1942-1944
103	17	Administration: Personnel: Applications for employment	1942-1946
103	19	Administration: Personnel: Letters of reference	1942-1946
103	24	Correspondence: Declassified	1943
51	8	Correspondence: Howe, John P.	1943
103	12	Administration: Personnel: Payroll policies, wages, etc.	1943-1944
103	22	Administration: Personnel policies: wages, hours, holidays	1943-1946
103	18	Administration: Personnel: Letters of reference	1943-1946
103	14	Administration: Correspondence regarding staffing issues and patent agreements	1944
92	4	Miscellaneous: Reprints from Oak Ridge Lab concerning rare earths	1944
59	2	Miscellaneous: Russian-English alphabet	1944
103	23	Miscellaneous: Special research, Department of Chemistry, directory of staff	1944
94	4	Research: Notebook from Spedding	1944
103	15	Administration: Personnel: Transfers, resignations, and releases	1944-1945
103	16	Administration: Personnel: Transfers, resignations, and releases	1944-1945
103	13	Administration: Problems proposed for study	1944-1945
105	9	Correspondence: Institute for Atomic Research	1944-1945
101	1	Correspondence: Reading file project, Dec-Feb	1944-1945
103	9	Correspondence: Unclassified letters	1944-1947

Box	Folder	Title	Dates
50	16	Correspondence: <i>Encyclopedia Britannica</i>	1944-1958
105	3	Administration: Awards for employees of the Iowa State College Manhattan District Project	1945
1	7	Correspondence: Army and Navy E award	1945
101	2	Correspondence: Reading file project, Mar-Apr	1945
101	3	Correspondence: Reading file project, May-Jun	1945
101	4	Correspondence: Reading file project, Jul-Aug	1945
101	5	Correspondence: Reading file project, Sep-Oct	1945
101	6	Correspondence: Reading file project, Nov-Dec	1945
89	26	Miscellaneous: Army-Navy "E" Award	1945
104	21	Miscellaneous: Army-Navy "E" Awards	1945
77	9	Miscellaneous: Articles about atomic energy, no mention of Ames	1945
90	1	Miscellaneous: First report at Chicago on rare earth separation	1945
92	6	Miscellaneous: Very early description published about atomic energy	1945
104	13	Miscellaneous: Personnel forms for Spedding and Wilhelm	1945, n.d.
105	1	Miscellaneous: Photostats history, illustrations	1945, n.d.
104	18	Correspondence of Spedding	1945-1946
104	14	Miscellaneous: Speeches by Spedding, press releases about Spedding and Ames Lab	1945-1946
76	4	Miscellaneous: Early magazine articles on atomic energy	1945-1950
86	8	Correspondence: Meetings	1945-1955
59	1	Miscellaneous: Congressional materials	1945-1965
9	10	Miscellaneous: Publications	1945-1980
101	7	Correspondence: Reading file project, Jan-Feb	1946
101	8	Correspondence: Reading file project, Mar-Apr	1946
102	1	Correspondence: Reading file project, Mar-May (declassified)	1946
102	2	Correspondence: Reading file project, May	1946

Box	Folder	Title	Dates
102	3	Correspondence: Reading file project, Jun	1946
102	4	Correspondence: Reading file project, Jul	1946
102	5	Correspondence: Reading file project, Aug	1946
102	6	Correspondence: Reading file project, Sep	1946
102	7	Correspondence: Reading file project, Oct	1946
102	8	Correspondence: Reading file project, Nov	1946
50	1	Correspondence: Visit by James Franck, Nobel Laureat	1946
78	31	Miscellaneous: Chemical Engineering Award to the Laboratory by the Chemical Engineering Society for outstanding contribution to Manhattan Project	1946
77	7	Miscellaneous: Discussion of atomic processes and part played by Chicago chemists in Chemical Bulletin	1946
79	11	Miscellaneous: Humorous article in New Yorker magazine	1946
103	20	Miscellaneous: Project 1050 employees list and correspondence	1946
77	3	Miscellaneous: Speeches on the future of atomic energy and its effects on world politics, peace, and war by prominent men	1946
77	18	Miscellaneous: Statement of the Dean of the Graduate School	1946
104	12	Spedding speeches and speaking engagements	1946, n.d.
100	7	Correspondence: Spedding letters, December-February	1946-1947
63	1	Administration: Comparative pay scale information	1947
102	9	Correspondence: Reading file project, Jun-Aug	1947
102	10	Correspondence: Reading file project, Sep-Oct	1947
102	11	Correspondence: Reading file project, Nov-Dec	1947
100	8	Correspondence: Spedding letters, March-May	1947
77	12	Miscellaneous: Address by Lilienthal reported in Oak Ridge Journal	1947
76	13	Miscellaneous: Dr. Teller's opinions on new atomic energy published in the Iowa State Daily	1947
77	5	Miscellaneous: Iowa State College chemists Christmas greeting	1947

Box	Folder	Title	Dates
76	16	Miscellaneous: Iowa State Daily Student article, "Atomic Secrets are Non-Existent"	1947
77	10	Miscellaneous: Iowa State Daily Student synchrotron article	1947
77	23	Miscellaneous: Metallurgy building announcement in Iowa State Daily	1947
77	6	Miscellaneous: Proposed synchrotron building	1947
104	17	Miscellaneous: Specifications for connecting building between Physics and Chemistry Buildings	1947
104	16	Miscellaneous: Synchrotron correspondence	1947
104	2	Speech by Spedding: "The History and Purposes of the Iowa State College Institute for Atomic Research" given at dedication ceremony	1947
103	4	Correspondence regarding classification and declassification of documents	1947-1948
58	12	Correspondence: Various	1947-1948
105	7	Notebook: Logbook of staff correspondence, speeches, meetings, and projects	1947-1948
105	6	Notebook: Medical accident logbook	1947-1948
105	8	Miscellaneous: Firm mailing book for use in accepting registered and registered C.O.D. mail	1947-1949
86	7	Miscellaneous: Historical development: Iowa State University Institute for Atomic Research	1947-1979
9	6	Miscellaneous: Important people	1947-1979
104	4	Administration: Correspondence on other matters of declassification	1948
104	3	Administration: Personnel: Clearance reports	1948
103	5	Correspondence regarding declassification of fields of research and unclassified areas	1948
103	1	Correspondence: Reading file project, Jan-Feb	1948
100	9	Correspondence: Spedding letters, March-April	1948
100	10	Correspondence: Spedding letters, May	1948
100	11	Correspondence: Spedding letters, June	1948
100	12	Correspondence: Spedding letters, July-August	1948

Box	Folder	Title	Dates
100	13	Correspondence: Spedding letters, September-November	1948
103	2	Correspondence: Spedding letters, December	1948
77	21	Miscellaneous: 90th Anniversary celebration of Iowa State College	1948
78	13	Miscellaneous: Article about peacetime uses for atomic energy in Ames Daily Tribune	1948
77	17	Miscellaneous: Article on atomic energy in Life magazine	1948
77	13	Miscellaneous: Clippings regarding Spedding's efforts for the war effort	1948
104	15	Miscellaneous: Correspondence and programs regarding cornerstone-laying ceremony for Metallurgy Building	1948
104	11	Miscellaneous: Correspondence regarding invitation to cornerstone-laying ceremony for Metallurgy Building	1948
104	19	Miscellaneous: International Conference on the Physics of Metals, Amsterdam (1- 8x10" b/w photograph)	1948
92	3	Miscellaneous: Iowa State Scientist, "Atomic Institute Builds a New Home at ISC"	1948
104	10	Miscellaneous: Refurbishment of space in Physics Building for use by AEC	1948
104	5	Miscellaneous: Speech: "Atomic Energy Research," remarks of Commissioner W. W. Waymack, U.S. Atomic Energy Commission, at the cornerstone-laying ceremonies for the Metallurgy Building	1948
42	5	Speech at Chicago, Illinois, "The Nature of Atomic Fission and the Impact of the Discovery on the American Farmer"	1948
42	7	Speech at Iowa City, Iowa, "A Chemist's View of Some Aspects of the Atomic Energy Problem"	1948
43	5	Speech at Iowa City, Iowa, "A Chemist's View of Some Aspects of the Atomic Energy Problem"	1948
62	11	Speech at Iowa City, Iowa: "A Chemist's View of Some Aspects of the Atomic Energy Problem"	1948
104	6	Speech by Paul Aebersold, "What Atomic Energy Means to the Farmer," delivered at Ames, Iowa	1948
104	9	Miscellaneous: Correspondence and documents regarding land lease for site of Metallurgy Building	1948-1949

Box	Folder	Title	Dates
50	15	Correspondence: Cooperative rare earth work with British scientists	1948-1951
77	22	Article: "A Chemist Views the Atomic Energy Problem" in Journal of Electrochemical Society	1949
77	15	Article: "Chemical Aspects of the Atomic Energy Problem" in Bulletin of the Atomic Scientist	1949
92	14	Correspondence: Spedding letters, January-February	1949
92	13	Correspondence: Spedding letters, May-June	1949
92	12	Correspondence: Spedding letters, July-December	1949
77	16	Miscellaneous: Article about atomic secret newspaper clipping	1949
77	11	Miscellaneous: Bankers Life Co. article about speech given by Spedding	1949
91	19	Miscellaneous: Michigan Alumnus	1949
43	15	Publications: Articles for publication	1949
42	3	Speech at New York, "Large Scale Separation of Rare Earth Salts and the Preparation of the Pure Metals"	1949
42	4	Speech at Urbana, Illinois, "Large Scale Separation of Rare Earth Salts and the Preparation of the Pure Metals"	1949
105	5	Health and Safety program	1949, n.d.
88	3	Miscellaneous publications	1949-1951
86	14	Correspondence: Fissionable materials	1949-1954
86	17	Correspondence: Declassified letters	1949-1955
8	13	Miscellaneous: Certificates from the National Bureau of Standards	1949-1962
91	14	Miscellaneous: Translations of French articles, reprints	1949-1969
27	4	Personnel: Visiting professors – allocations and honoraria	1949-1973
9	5	Miscellaneous: Publications, news clippings, photographs	1949-1980
93	2	Correspondence: Spedding letters, January-June	1950
93	1	Correspondence: Spedding letters, July-December	1950
87	11	Lecture by Edward Teller, "Hydrodynamics in Cosmic Physics"	1950
86	20	Correspondence: Institute information	1950-1957

Box	Folder	Title	Dates
92	8	Miscellaneous: Certificates of Standard	1950-1958
79	2	Miscellaneous: Iowa State University Chemistry Department	1950s
63	21	Administration: Ames Laboratory historical booklet	1951
50	4	Correspondence: Election to Faraday Society	1951
72	11	Correspondence: Research: Isotope separation	1951
93	3	Correspondence: Spedding letters, January-June	1951
93	4	Correspondence: Spedding letters, July-December	1951
59	5	Correspondence: Various	1951
87	8	Patent	1951
87	9	Security lecture, "Scientific Intelligence: Some Aspects of its Development from 1939-1945" by Dr. R. V. Jones	1951
72	8	Correspondence: Research: Thorium production project	1951-1953
89	16	Miscellaneous: Sales of rare earths	1951-1955
90	9	Speeches by Spedding	1951-1967
62	7	Administration: Organizational chart	1952
93	5	Correspondence: Spedding letters, January-June	1952
93	6	Correspondence: Spedding letters, July-September	1952
94	1	Correspondence: Spedding letters, October-December	1952
87	10	Letter to President Friley on "Some possible future peacetime applications of atomic energy"	1952
91	16	Miscellaneous: Booklet The Beginning of an Era, commemorates first application of atomic power	1952
9	7	Miscellaneous: Certificates from the National Bureau of Standards	1952
89	34	Miscellaneous: Nichols Medal address, "The Importance of the Rare Earths and the Preparation of the Pure Salts and Metals"	1952
78	1	Miscellaneous: Nichols Medal Award	1952
91	17	Miscellaneous: Speech by someone in Washington which referred to the Ames Lab	1952
78	8	Miscellaneous: William H. Nichols Medal	1952

Box	Folder	Title	Dates
82	11	Meetings: Foreign visitors	1952-1955
99	4	Articles by Spedding, 51-100	1952-1956
106	1	Articles by Spedding, 51-149	1952-1962
72	10	Correspondence: Research: Dow Chemical / Detroit Edison project	1953
94	2	Correspondence: Spedding letters, January-June	1953
94	5	Correspondence: Spedding letters, July-December	1953
79	7	Miscellaneous: Article on razing historic "Little Ankeny" in Des Moines Register	1953
34	7	Personnel: Fellowships	1953-1967
11	7	Miscellaneous: Publications	1953-1968
77	1	Miscellaneous: Business expenses: Travel	1953-1970
94	3	Correspondence: Spedding letters, January-June	1954
95	1	Correspondence: Spedding letters, July-December	1954
66	11	Correspondence: Visiting professors	1954
60	10	Information: Rare earths information requests	1954
61	2	Materials: Loans	1954
78	9	Miscellaneous: Articles by Theodore White on the state of science	1954
91	15	Miscellaneous: History: Portable X-ray machine	1954
77	19	Miscellaneous: J. Robert Oppenheimer case	1954
78	30	Miscellaneous: Major activities of USAEC	1954
77	20	Miscellaneous: The Institute for Atomic Research manuscript by Dr. Voigt at request of Dean Gaskill	1954
11	1	Miscellaneous: Thulium X-ray camera	1954
88	4	Paper: "Methods of Producing Pure Rare Earth Metals as Developed at Iowa State College" by Spedding and Daane	1954
62	12	Personnel: Book	1954
62	6	Personnel: Recommendations	1954
62	2	Reports: Articles for publication	1954
61	12	Reports: Comments on books and articles	1954

Box	Folder	Title	Dates
62	5	Research: Fused Electrolytes	1954
61	10	Research: Power reactor	1954
43	12	Speeches and speaking engagements	1954
79	13	Correspondence: Meetings: Foreign visitors	1954-1955
61	4	Materials: Thorium, uranium, zirconium	1954-1955
80	3	Visiting Professors: Miscellaneous	1954-1955
80	2	COO and John Wilson	1954-1957
63	20	Administration: College: Committees	1955
63	7	Administration: Contracts: General	1955
63	9	Administration: Contracts: Modifications	1955
63	3	Administration: Contracts: Task force: Aronoff, no. 9	1955
63	2	Administration: Contracts: Task force: Dahm, no. 6	1955
63	8	Administration: Contracts: Task force: General	1955
63	4	Administration: Contracts: Task force: Gilman, no. 7	1955
63	5	Administration: Contracts: Task force: Graca, no. 8	1955
60	6	Administration: Miscellaneous	1955
60	5	Administration: Requests to COO	1955
62	10	Administration: The First Pile: USAEC Report	1955
79	12	Correspondence: Meetings: Foreign	1955
79	14	Correspondence: Meetings: Laboratory directors	1955
50	5	Correspondence: Schubert, Jack	1955
95	2	Correspondence: Spedding letters, January-June	1955
95	3	Correspondence: Spedding letters, July-December	1955
62	14	Directives: Ames Lab: Miscellaneous	1955
27	2	Equipment: General	1955
61	1	Information: Miscellaneous requests	1955
60	7	Information: Rare earths information requests	1955
60	8	Information: Reprint requests	1955
60	9	Materials: Ames Lab quotations	1955
61	7	Materials: Loans	1955

Box	Folder	Title	Dates
61	3	Materials: Rare earths	1955
78	16	Miscellaneous: Atoms for Peace	1955
78	14	Miscellaneous: International Conference of Peaceful Uses of Atomic Energy	1955
61	6	Personnel: Copies of letters by division chiefs	1955
65	11	Personnel: Miscellaneous	1955
62	1	Personnel: Recommendations	1955
61	13	Personnel: Reports of committees	1955
61	5	Personnel: Research assistants and junior scientists	1955
62	3	Reports: Articles for publication	1955
61	11	Reports: Comments on books and articles	1955
64	3	Reports: Magnetic properties of holmium and thulium	1955
61	9	Research: Ames Laboratory	1955
61	8	Research: Cooperation with other scientists	1955
62	4	Research: Midwest accelerator	1955
62	9	Research: Proposed AEC research at other institutions	1955
5	5	Research: Slug program (Hanford)	1955
5	8	Research: Union Carbide	1955
43	10	Speeches and speaking engagements	1955
81	2	College: Curriculum and catalog	1955-1956
3	1	Conferences and meetings: Special conferences	1955-1956
2	7	Conferences and meetings: Visits of AEC personnel	1955-1956
84	18	Meetings: AEC	1955-1956
84	21	Meetings: Foreign: World Power Conference in Vienna	1955-1956
84	16	Meetings: Metallurgy information meeting	1955-1956
45	5	Publications: Monthly bulletins	1955-1956
5	2	Research: Proposed AEC research at other institutions	1955-1956
70	6	Correspondence: Meetings: Visits of AEC personnel	1955-1957
74	16	College: Curriculum and catalog	1955-1958
78	21	Miscellaneous: Institute for Atomic Research, booklet	1955-1960

Box	Folder	Title	Dates
76	21	Miscellaneous: Business expenses: Entertained at parties, dinners, etc.	1955-1968
80	1	Administration: Announcements: COO, appointments of AEC officials	1956
79	16	Administration: Miscellaneous	1956
80	7	Administration: Reports from COO and to Washington	1956
80	5	Administration: Reports to COO	1956
80	6	Administration: Reports: Dreeszen, Edwards, Rah	1956
80	9	Administration: Requests from COO	1956
80	4	Administration: Requests to COO and to Washington	1956
83	2	Buildings and Land: Development Building	1956
80	11	Buildings and Land: Miscellaneous	1956
81	4	College: Committees: Miscellaneous	1956
81	1	College: Cooperation with other Divisions and scientists	1956
81	3	College: Graduate College	1956
3	5	Conferences and meetings: Prospective employee visits	1956
3	2	Conferences and meetings: Scientific societies	1956
2	8	Conferences and meetings: Visits of non-AEC personnel	1956
81	5	Consultants: Medical: Miscellaneous correspondence	1956
81	6	Contracts: Modifications	1956
81	7	Contracts: Task Force: General, Dahm, Gilman, Graca, Aronoff	1956
50	2	Correspondence	1956
79	15	Correspondence: File index	1956
67	6	Correspondence: Information: Atomic energy information and requests	1956
67	5	Correspondence: Information: Miscellaneous	1956
67	7	Correspondence: Information: Rare earths	1956
67	4	Correspondence: Information: Reprints	1956
67	8	Correspondence: Information: Seminars	1956
81	13	Correspondence: Letters from COO	1956

Box	Folder	Title	Dates
81	14	Correspondence: Letters from COO	1956
82	1	Correspondence: Letters from COO	1956
68	5	Correspondence: Materials: Analyses of	1956
68	4	Correspondence: Materials: Availability	1956
68	3	Correspondence: Materials: Calcium	1956
68	1	Correspondence: Materials: Loans and foreign	1956
68	7	Correspondence: Materials: Miscellaneous, cost analysis	1956
69	9	Correspondence: Materials: Not AEC price lists	1956
68	8	Correspondence: Materials: Rare earths	1956
68	9	Correspondence: Materials: Rare earths inter-departmental requests	1956
68	10	Correspondence: Materials: Sf and special materials	1956
68	11	Correspondence: Materials: Zirconium	1956
50	3	Correspondence: Matsubara, Takeo	1956
95	4	Correspondence: Spedding letters, January-June	1956
96	1	Correspondence: Spedding letters, July-December	1956
81	8	Directives: AEC and Ames Lab: Miscellaneous	1956
81	9	Equipment: General	1956
81	10	Equipment: Large calculator committee	1956
81	11	Equipment: Proposed reactor	1956
81	12	Health and Safety: Miscellaneous	1956
84	20	Meetings: Foreign	1956
84	19	Meetings: Foreign visitors	1956
84	13	Meetings: Laboratory directors	1956
84	15	Meetings: Metallurgical	1956
84	17	Meetings: Midwest accelerator	1956
84	14	Meetings: Miscellaneous	1956
85	9	Metallurgy Information Meeting: Alloy conference	1956
85	32	Metallurgy Information Meeting: Argonne National Laboratory	1956

Box	Folder	Title	Dates
85	18	Metallurgy Information Meeting: Armour Research Foundation	1956
85	19	Metallurgy Information Meeting: Atomics International	1956
85	20	Metallurgy Information Meeting: Battelle Memorial Institute	1956
85	21	Metallurgy Information Meeting: Brookhaven National Laboratory	1956
85	22	Metallurgy Information Meeting: Brush Beryllium Company	1956
85	16	Metallurgy Information Meeting: Clearance forms	1956
85	14	Metallurgy Information Meeting: Correspondence with session chairmen	1956
85	23	Metallurgy Information Meeting: E. I. DuPont de Nemours	1956
85	31	Metallurgy Information Meeting: Financial report	1956
85	24	Metallurgy Information Meeting: General Electric Co., Cincinnati ANP	1956
85	25	Metallurgy Information Meeting: General Electric Co., Richland, Washington, Hanford	1956
85	26	Metallurgy Information Meeting: General Electric Co., Schenectady, NY, Knolls Atomic Power Laboratory	1956
85	13	Metallurgy Information Meeting: Guides to preparation of papers	1956
85	8	Metallurgy Information Meeting: Letters from invitees	1956
85	11	Metallurgy Information Meeting: Letters from Washington, list of men invited	1956
85	15	Metallurgy Information Meeting: Letters of invitation	1956
85	17	Metallurgy Information Meeting: Letters regarding reservations	1956
85	6	Metallurgy Information Meeting: List of delegates	1956
85	30	Metallurgy Information Meeting: List of papers sent to Oak Ridge, TN	1956
85	27	Metallurgy Information Meeting: Los Alamos Scientific Laboratory Radiation Laboratory, University of California	1956

Box	Folder	Title	Dates
85	28	Metallurgy Information Meeting: Mallinckrodt Chemical Works	1956
85	29	Metallurgy Information Meeting: Metals and Controls Corporation	1956
85	34	Metallurgy Information Meeting: Monsanto Chemical Company Mound Laboratory	1956
85	33	Metallurgy Information Meeting: National Bureau of Standards	1956
85	35	Metallurgy Information Meeting: National Lead Company of Ohio	1956
85	36	Metallurgy Information Meeting: Nuclear Development Associates	1956
86	1	Metallurgy Information Meeting: Oak Ridge National Laboratory	1956
86	2	Metallurgy Information Meeting: Pratt and Whitney	1956
85	12	Metallurgy Information Meeting: Program	1956
85	7	Metallurgy Information Meeting: Room assignments	1956
86	3	Metallurgy Information Meeting: Sylvania Electric Products	1956
85	10	Metallurgy Information Meeting: Telephone calls received	1956
86	4	Metallurgy Information Meeting: U.S. Atomic Energy Commission	1956
86	5	Metallurgy Information Meeting: Vitro Corporation of America, Vitro Laboratories	1956
86	6	Metallurgy Information Meeting: Westinghouse Atomic Power Division	1956
79	8	Miscellaneous: Article on atomic energy research at Iowa State published in Iowa State Scientist	1956
78	15	Miscellaneous: Fifth World Power Conference	1956
78	18	Miscellaneous: Honorary Degree from Case Institute	1956
8	15	Miscellaneous: Patents	1956
78	22	Miscellaneous: Twentieth Semiannual report, USAEC	1956
65	1	Personnel: Recommendations	1956
29	9	Personnel: Visiting professors	1956

Box	Folder	Title	Dates
45	6	Publications: Atomic energy information	1956
63	11	Reports: Health and Safety: Accident reports for Ames Lab	1956
63	15	Reports: Health and Safety: Emergency defense	1956
63	13	Reports: Health and Safety: Reports from other installations	1956
32	3	Reports: Miscellaneous, trip reports	1956
5	6	Research: AEC pyrometallurgical program	1956
7	6	Research: Fused electrolytes	1956
7	7	Research: General Electric	1956
7	9	Research: Industrial fellowships	1956
7	10	Research: Midwest accelerator	1956
7	11	Research: Power reactor	1956
5	4	Research: Proposed non-AEC research at other institutions	1956
5	7	Research: Unclassified programs	1956
43	8	Speeches and speaking engagements	1956
7	8	Research: High purity metals	1956 ca.
46	12	Budget: Ames Lab FY 57 and 58	1956-1957
80	8	Budget: Ames Lab, FY 1957	1956-1957
80	10	Budget: College, FY 1957	1956-1957
68	6	Correspondence: Materials: Ames Lab quotations	1956-1957
70	1	Correspondence: Meetings: AEC	1956-1957
73	1	Correspondence: Research: General Electric (ANP)	1956-1957
85	5	Metallurgy Information Meeting: Correspondence	1956-1957
7	5	Research: Cooperation with other scientists	1956-1957
42	12	Speeches and speaking engagements	1956-1957
99	5	Articles by Spedding, 101-150	1956-1962
48	6	Administration: Ames Lab Organization Charts	1957
33	1	Administration: Reports – Dreeszen	1957
47	5	College: Committees: Miscellaneous	1957

Box	Folder	Title	Dates
47	3	College: Curriculum and catalog	1957
47	7	College: Graduate College	1957
47	8	Consultants: Medical: Miscellaneous correspondence	1957
47	10	Contracts: General	1957
74	21	Contracts: Task Force: #7 (Gilman)	1957
47	11	Contracts: Task Force: General	1957
46	2	Correspondence: Administration announcements: COO	1957
46	3	Correspondence: Administration: Appointment of AEC officials	1957
45	9	Correspondence: Administration: COO	1957
45	10	Correspondence: Administration: COO	1957
46	4	Correspondence: Administration: COO	1957
46	13	Correspondence: Administration: Miscellaneous	1957
46	9	Correspondence: Administration: Reports from COO	1957
46	10	Correspondence: Administration: Reports on welfare fund	1957
46	11	Correspondence: Administration: Reports to COO	1957
46	8	Correspondence: Administration: Reports to Washington AEC offices	1957
46	6	Correspondence: Administration: Requests from COO	1957
46	7	Correspondence: Administration: Requests to COO	1957
47	6	Correspondence: Building and Land	1957
69	8	Correspondence: Chemical Engineering achievement award dinner	1957
68	19	Correspondence: Equipment: General	1957
68	20	Correspondence: Equipment: Large computer and reactor	1957
46	5	Correspondence: File index	1957
68	12	Correspondence: Materials: Availability: Ames Lab quotations, analysis, calcium, Sf and special materials	1957
68	13	Correspondence: Materials: Loans (foreign)	1957
68	15	Correspondence: Materials: Rare earths inter-departmental requests	1957

Box	Folder	Title	Dates
68	14	Correspondence: Materials: Rare earths inventory and price lists	1957
70	7	Correspondence: Meetings: Laboratory directors	1957
70	5	Correspondence: Meetings: Miscellaneous, MURA	1957
69	11	Correspondence: Meetings: Scientific society	1957
70	10	Correspondence: Meetings: Solid state seminar	1957
69	10	Correspondence: Meetings: Special conferences	1957
71	5	Correspondence: Meetings: Visits of non-AEC personnel	1957
71	3	Correspondence: Personnel: Recommendations	1957
72	6	Correspondence: Research: Ames Laboratory	1957
71	7	Correspondence: Research: Cooperation with other scientists	1957
71	4	Correspondence: Research: Midwest accelerator	1957
71	2	Correspondence: Research: Proposed AEC research at other institutions	1957
96	2	Correspondence: Spedding letters, January-June	1957
96	3	Correspondence: Spedding letters, July-December	1957
71	8	Correspondence: Visiting professors	1957
47	9	Directive: AEC, Ames Lab, and IAR	1957
57	8	Meetings: Metallurgical	1957
57	9	Meetings: Prospective employees	1957
78	5	Miscellaneous: 26th Exposition of Chemical Industries	1957
78	11	Miscellaneous: Carlson Lecture on electron theory by J. Robert Oppenheimer	1957
91	20	Miscellaneous: Fallout from Nevada	1957
78	10	Miscellaneous: Fifth World Power conference in Vienna, Spedding was delegate from U.S.	1957
91	21	Miscellaneous: Prices of rare earth oxides, 1949 compared to 1957	1957
92	9	Miscellaneous: Schematic JACO 35' grating spec	1957
8	11	Miscellaneous: Spedding's handwritten notes	1957

Box	Folder	Title	Dates
78	17	Miscellaneous: The Detroit Chemist, Spedding was IPCGD speaker	1957
84	11	Patents: Miscellaneous	1957
66	10	Photographs: Bikini tests (2- 8x10" b/w)	1957
75	25	Reports: Articles for publication	1957
63	14	Reports: CH Bulletins, GM Bulletins	1957
75	15	Reports: Comments on books and articles	1957
63	16	Reports: Health and Safety: Accident reports for Ames Lab	1957
75	14	Reports: Miscellaneous	1957
5	3	Research: Westinghouse pyrometallurgical program	1957
74	4	Budget: Ames Lab, FY 1958	1957-1958
47	1	Budget: College FY 58	1957-1958
74	3	Budget: College, FY 1958	1957-1958
74	10	College: Committees: Research Council	1957-1958
67	9	Correspondence: Materials: Rare earths price list	1957-1958
70	2	Correspondence: Meetings: Scientific societies	1957-1958
74	15	Health and Safety: Miscellaneous	1957-1958
72	7	Administration: AEC officials, appointment of	1958
72	4	Administration: Ames Lab organization charts	1958
72	3	Administration: Announcements: COO	1958
72	2	Administration: Comments on AEC manual	1958
72	5	Administration: File index	1958
63	6	Administration: Reports: Trips by staff members	1958
74	6	Buildings and Land: Development Building	1958
74	7	Buildings and Land: Miscellaneous	1958
74	8	Buildings and Land: Reactor	1958
74	9	Buildings and Land: Work orders	1958
74	11	College: Committees: Administrative Board	1958
75	5	College: Committees: Faculty patent	1958

Box	Folder	Title	Dates
74	17	College: Cooperation with other Divisions of College	1958
45	7	College: Faculty newsletter	1958
74	14	College: Graduate College	1958
74	13	College: Graduate students	1958
74	12	College: Miscellaneous notices	1958
74	18	Contracts	1958
74	22	Contracts: General	1958
75	2	Contracts: Modifications	1958
74	19	Contracts: Task Force: #8 (Graca)	1958
74	20	Contracts: Task Force: #9 (Aronoff)	1958
75	1	Contracts: Task Force: General	1958
73	10	Correspondence: Administration: Miscellaneous	1958
73	3	Correspondence: Administration: Reports from COO	1958
73	6	Correspondence: Administration: Reports to COO (miscellaneous)	1958
74	1	Correspondence: Administration: Reports to COO: Rah (costs incurred)	1958
73	11	Correspondence: Administration: Reports to COO: Rah (financial and operating)	1958
73	13	Correspondence: Administration: Reports to Washington	1958
73	2	Correspondence: Administration: Reports: Edwards (personnel and welfare)	1958
73	4	Correspondence: Administration: Reports: Rah: Budget reports	1958
73	7	Correspondence: Administration: Reports: Smutz to Spedding	1958
73	12	Correspondence: Administration: Reports: Van Bemmem (medical)	1958
73	9	Correspondence: Administration: Requests from COO	1958
73	5	Correspondence: Administration: Requests to COO	1958
72	1	Correspondence: Copies of letters from COO (January- June)	1958

Box	Folder	Title	Dates
72	9	Correspondence: Copies of letters from COO (July-December)	1958
67	3	Correspondence: Information: Atomic energy information and requests	1958
67	1	Correspondence: Information: Miscellaneous	1958
67	2	Correspondence: Information: Rare earths	1958
66	14	Correspondence: Information: Reference slips	1958
66	13	Correspondence: Information: Reprints	1958
76	1	Correspondence: Inter-office: Smutz, Morton	1958
76	2	Correspondence: Inter-office: Staff members	1958
73	8	Correspondence: Letters to Chicago	1958
67	17	Correspondence: Materials: Ames Lab quotations	1958
67	16	Correspondence: Materials: Analyses of	1958
67	15	Correspondence: Materials: Availability	1958
67	14	Correspondence: Materials: Loans	1958
67	13	Correspondence: Materials: Loans (foreign)	1958
67	12	Correspondence: Materials: Miscellaneous	1958
67	11	Correspondence: Materials: Rare earths inter-departmental requests	1958
68	2	Correspondence: Materials: Rare earths inventory	1958
67	10	Correspondence: Materials: Sf and special materials	1958
69	12	Correspondence: Meetings: Foreign, foreign visitors	1958
71	1	Correspondence: Meetings: Scientific societies	1958
70	9	Correspondence: Meetings: Special conferences	1958
70	8	Correspondence: Meetings: Travel authorizations	1958
70	4	Correspondence: Meetings: Visitors (foreign)	1958
70	3	Correspondence: Meetings: Visits of AEC personnel	1958
71	6	Correspondence: Meetings: Visits of non-AEC personnel	1958
69	7	Correspondence: Personnel: Recommendations	1958
96	4	Correspondence: Spedding letters, January-June	1958
96	5	Correspondence: Spedding letters, July-December	1958

Box	Folder	Title	Dates
86	16	Correspondence: Travel	1958
75	9	Directives: AEC: Miscellaneous	1958
75	8	Directives: Ames Lab memos	1958
75	7	Directives: Ames Lab: Miscellaneous	1958
75	13	Equipment: Availability	1958
75	12	Equipment: General	1958
75	11	Equipment: Large computer	1958
75	10	Equipment: Proposed reactor	1958
75	4	Health and Safety: Emergency defense	1958
76	3	Meetings: 1958 International Conference on Peaceful Uses of Atomic Energy	1958
57	10	Meetings: AEC	1958
48	1	Meetings: Foreign	1958
46	1	Meetings: Laboratory Directors	1958
48	7	Meetings: Metallurgical	1958
48	9	Meetings: Metallurgy summer school	1958
48	2	Meetings: Midwest accelerator group	1958
48	5	Meetings: Miscellaneous	1958
57	7	Meetings: Prospective employees	1958
8	5	Miscellaneous: Information on seminars	1958
78	19	Miscellaneous: Laboratory Director's meeting, Yosemite	1958
78	2	Miscellaneous: News clipping in Denver Post, "Scientist Denies War to End World"	1958
9	4	Miscellaneous: Press releases	1958
89	18	Miscellaneous: The Scientist, "The Industrial Medicine Program of the Ames Laboratory"	1958
78	28	Miscellaneous: Tribute to E. O. Lawrence	1958
84	12	Patents: Miscellaneous	1958
63	12	Reports: Health and Safety: Accident reports for Ames Lab	1958
75	24	Research: Ames Laboratory	1958

Box	Folder	Title	Dates
75	23	Research: Cooperation with other scientists	1958
75	19	Research: Fluoride program	1958
75	16	Research: General Electric (ANP) shipments	1958
75	22	Research: Midwest accelerator	1958
75	18	Research: Proposed AEC research at other institutions	1958
75	17	Research: Pyrometallurgical program	1958
75	21	Security: Miscellaneous	1958
75	20	Visiting professors: Miscellaneous	1958
1	6	Speech: "Fortschritte in der Chemie der Seltenen Erden"	1958 ca.
47	2	Budget: Ames Lab FY 59	1958-1959
73	14	Budget: Ames Lab, FY 1959	1958-1959
54	4	Budget: Ames Laboratory: Fiscal 1959	1958-1959
74	5	Budget: College, FY 1959	1958-1959
42	13	Speeches and speaking engagements	1958-1959
50	14	Correspondence: <i>World Book Encyclopedia</i>	1958-1968
65	3	Personnel: Recommendations: F. H. Spedding (award nominations)	1958-1972
82	6	Administration: AEC officials, appointment of	1959
82	7	Administration: Ames Lab organization charts	1959
82	8	Administration: Announcements from COO	1959
82	10	Administration: Miscellaneous	1959
83	8	Administration: Reports from COO	1959
83	4	Administration: Reports to COO: Miscellaneous	1959
83	5	Administration: Request from Washington	1959
83	6	Administration: Requests from COO	1959
83	7	Administration: Requests to COO	1959
83	3	Buildings and Land: Miscellaneous	1959
83	1	Buildings and Land: Reactor	1959
83	13	College Committees: Miscellaneous	1959
83	9	College: Cooperation with other divisions of the College	1959

Box	Folder	Title	Dates
45	8	College: Faculty newsletter	1959
83	11	College: Graduate College	1959
83	12	College: Graduate students	1959
83	10	College: Materials research	1959
84	1	Contracts: General	1959
84	2	Contracts: Modifications	1959
84	3	Contracts: Task Force: #7, Gilman	1959
84	4	Contracts: Task Force: #8, Graca	1959
84	5	Contracts: Task Force: #9, Aronoff	1959
50	6	Correspondence: Appointment to ISU Professor of Chemistry and Director and Principal Scientist at Ames Lab	1959
69	6	Correspondence: Consultants: Medical	1959
82	2	Correspondence: Copies of letters from COO	1959
82	3	Correspondence: Copies of letters from COO	1959
69	5	Correspondence: Information: Press releases	1959
69	4	Correspondence: Information: Rare earths	1959
69	2	Correspondence: Inter-office: Spedding	1959
69	3	Correspondence: Inter-office: Spedding from Smutz	1959
69	1	Correspondence: Inter-office: Staff members	1959
82	4	Correspondence: Letters to COO	1959
68	21	Correspondence: Materials: Ames Lab quotations	1959
68	16	Correspondence: Materials: Availability	1959
68	17	Correspondence: Materials: Loans	1959
68	18	Correspondence: Materials: Loans (foreign)	1959
97	2	Correspondence: Spedding letters, April-June	1959
97	1	Correspondence: Spedding letters, January-March	1959
97	3	Correspondence: Spedding letters, July-September	1959
97	4	Correspondence: Spedding letters, October-December	1959
84	6	Directives: Ames Lab: Committees	1959

Box	Folder	Title	Dates
84	7	Directives: Ames Lab: Designation of authority	1959
84	8	Directives: Ames Lab: Memos	1959
84	9	Directives: Ames Lab: Miscellaneous	1959
82	5	File index	1959
75	6	Health and Safety: Emergency defense	1959
75	3	Health and Safety: Miscellaneous	1959
85	1	Meetings: AEC	1959
85	2	Meetings: American Chemical Society	1959
85	3	Meetings: American Physical Society	1959
85	4	Meetings: American Society for Metal-AEC Rare Earth Symposium	1959
86	9	Meetings: Associated Midwest Universities	1959
86	11	Meetings: Foreign	1959
86	12	Meetings: Gordon Research Conference	1959
86	10	Meetings: Laboratory directors	1959
89	1	Meetings: Notices, miscellaneous	1959
47	13	Meetings: Prospective employees	1959
47	14	Meetings: Recruiting trips	1959
47	12	Meetings: Scientific	1959
47	15	Meetings: Special conferences	1959
48	8	Meetings: University Relations representatives	1959
48	3	Meetings: Visitors: AEC personnel	1959
47	4	Meetings: Visitors: Foreign	1959
48	4	Meetings: Visitors: Non-AEC personnel	1959
79	6	Miscellaneous: Americana: Excerpted article by Spedding	1959
78	7	Miscellaneous: Iowa Business Industry article about visit to Ames Lab by purchasing agent	1959
89	22	Miscellaneous: Iowa State Scientist, "AEC Expansion and Iowa State U."	1959
84	10	Patents: Miscellaneous	1959
63	17	Reports: Dreeszen (Security and Deliq.)	1959

Box	Folder	Title	Dates
63	19	Reports: Edwards (Personnel and Welfare)	1959
64	1	Reports: Hagiwara quarterly report	1959
63	10	Reports: Health and Safety: Accident reports	1959
63	18	Reports: Van Bommel (Medical)	1959
64	4	Reports: Yttrium progress reports	1959
78	6	Miscellaneous: Ames Laboratory News	1959 ca.
82	9	Administration: Comments on AEC manual	1959-1960
74	2	Budget: Ames Lab, FY 1960	1959-1960
54	6	Budget: Ames Laboratory: Fiscal 1960	1959-1960
54	7	Budget: Ames Laboratory: Fiscal 1960	1959-1960
68	22	Correspondence: Inter-office: Spedding from Voigt	1959-1960
86	13	Meetings: Midwest University Research Accelerators (MURA)	1959-1960
86	15	Meetings: Miscellaneous	1959-1960
34	11	Personnel: Foreign travel – manual directives	1959-1966
35	2	Personnel: Foreign travel – post travel reports	1959-1967
50	11	Correspondence: Reviews of articles	1960
97	5	Correspondence: Spedding letters, January-June	1960
97	6	Correspondence: Spedding letters, July-December	1960
89	10	Miscellaneous: Future role of the AEC labs joint committee on atomic energy report	1960
78	4	Miscellaneous: Speech at Ames Lab by John McCone, Chairman of the Atomic Energy Commission	1960
89	19	Miscellaneous: The Scientist, "Molten Salts"	1960
89	20	Miscellaneous: The Scientist, "New Uses Found for Rare Earths"	1960
89	21	Miscellaneous: The Scientist, "Y – AEC's Expensive Element"	1960
42	14	Speeches and speaking engagements: WOI "Project Atom"	1960
8	10	Miscellaneous: History of Ames Laboratory included with time capsule	1960 ca.

Box	Folder	Title	Dates
54	5	Budget: Ames Laboratory: Fiscal 1961	1960-1961
79	1	Miscellaneous: Speeches	1960-1962
22	5	Space relocation	1960-1966
103	11	Contracts and supplements	1961
50	17	Correspondence: Iowa Award in Science	1961
97	8	Correspondence: Spedding letters, April-June	1961
97	7	Correspondence: Spedding letters, January-March	1961
97	9	Correspondence: Spedding letters, July-September	1961
98	1	Correspondence: Spedding letters, October-December	1961
89	30	Miscellaneous: Ames Lab News, proof	1961
89	24	Miscellaneous: Douglas Medal	1961
89	32	Miscellaneous: The Scientist, "Danger in Nuclear Power"	1961
89	7	Miscellaneous: The Scientist, articles about Dean Richard Bear and Percy Carr	1961
89	33	Miscellaneous: The Scientist, short article mentions display of rare and common metals at Ames Lab	1961
43	1	Speeches and speaking engagements	1961
66	5	Photographs: Miscellaneous (25- 8x10" b/w, 1- 8x10" color, 13- 5x7" b/w, 3- 5x7" color photographs; 1- 4x5" b/w and 3- 8x10" b/w negatives; 1 b/w slide)	1961, n.d.
89	28	Miscellaneous: News of Iowa State, short articles about Iowa State's expansion	1961-1962
30	5	Reports: History project – Greene	1961-1962
20	4	Administration: Reports – Committees	1961-1963
24	4	Equipment: Computer	1961-1963
56	2	Meetings: Miscellaneous	1961-1963
28	1	Personnel: Organization charts	1961-1968
79	5	Miscellaneous: Speeches	1961-1979
22	1	Administration: President Hilton	1962
52	2	Budget: Submission for FY 64	1962
98	3	Correspondence: Spedding letters, April-June	1962

Box	Folder	Title	Dates
98	2	Correspondence: Spedding letters, January-March	1962
98	4	Correspondence: Spedding letters, July-September	1962
98	5	Correspondence: Spedding letters, October-December	1962
89	2	Miscellaneous: History from Mallinckrodt's viewpoint	1962
89	4	Miscellaneous: The Scientist, "Ames – Uranium – The Bomb"	1962
89	5	Miscellaneous: The Scientist, "Science with Conscience" (article about Dr. Legvold)	1962
62	13	Payroll: Physics	1962
66	2	Photographs: Professor Legvold doing research (1- 8x10" color)	1962
42	8	Speech by Willard H. McCorkle, "Some General Considerations of Research Reactors and Their Use"	1962
43	2	Speeches and speaking engagements	1962
34	4	Administration: Organization charts	1962-1963
20	1	Administration: Reports – Smutz	1962-1963
19	10	Administration: Reports – Voigt	1962-1963
19	13	Administration: Reports to COO – Monthly safety summary	1962-1963
52	5	Budget: FY 1964	1962-1963
21	5	College Committees	1962-1963
22	2	College: Fellowships	1962-1963
22	3	College: NASA research	1962-1963
23	1	Contracts: General and modifications	1962-1963
22	6	Contracts: Task force and NSF grants	1962-1963
14	4	Divisions: Chemical engineering	1962-1963
14	5	Divisions: Chemistry	1962-1963
17	11	Divisions: Physics	1962-1963
24	5	Equipment: Miscellaneous	1962-1963
26	10	Materials: Ames Lab quotes	1962-1963
56	3	Meetings: AEC	1962-1963

Box	Folder	Title	Dates
56	5	Meetings: Foreign	1962-1963
56	4	Meetings: Miscellaneous	1962-1963
55	15	Meetings: Visitors: Non-AEC	1962-1963
8	16	Miscellaneous: Information reference slips	1962-1963
29	6	Personnel: Internal Revenue Service	1962-1963
45	3	Publications: Reprints of articles from foreign sources	1962-1963
30	6	Reports: Newsworthy activities	1962-1963
6	4	Research: Miscellaneous reports and correspondence	1962-1963
21	9	Safety Committee: Interoffice communications	1962-1963
20	5	Administration: Reports – Dreeszen	1962-1964
53	3	Budget: FY 1965	1962-1964
14	6	Divisions: Building and engineering	1962-1964
26	6	Materials: Rare earths, miscellaneous	1962-1964
57	5	Meetings: Visitors: Foreign	1962-1964
8	19	Miscellaneous: General correspondence and information	1962-1964
8	14	Miscellaneous: Health and safety, toxicity	1962-1964
28	5	Personnel: Policies	1962-1964
26	5	Materials: Rare earths, interdepartmental requests	1962-1965
64	5	Personnel: Consulting	1962-1965
7	1	Research: Miscellaneous reports and correspondence, Midwestern Universities Research Association (MURA)	1962-1965
14	1	Administration: Washington	1962-1966
41	6	Division: Chemical Engineering	1962-1966
39	2	Administration: Offices – interoffice memos originated by Reactor Division	1962-1967
13	8	Administration: Security correspondence and publications	1962-1967
28	4	Personnel: Suspense – visiting professors	1962-1967
106	2	Articles by Spedding, 150-200	1962-1973
99	6	Articles by Spedding, 151-200	1962-1973
12	4	Administration: Chicago	1963

Box	Folder	Title	Dates
12	2	Administration: COO	1963
20	2	Administration: Reports – Edwards	1963
20	3	Administration: Reports – Fisher	1963
19	16	Administration: Reports – Fitzwater	1963
19	15	Administration: Reports – McCorkle	1963
19	14	Administration: Reports – Medical	1963
19	12	Administration: Reports – Ostermann	1963
19	11	Administration: Reports – Rhinehart	1963
19	9	Administration: Reports – Voss	1963
19	8	Administration: Reports to COO – C. H. Rah	1963
30	4	Administrative reports: Spedding purchase orders	1963
22	7	Contracts: Negotiations	1963
98	7	Correspondence: Spedding letters, April-June	1963
98	6	Correspondence: Spedding letters, January-March	1963
98	8	Correspondence: Spedding letters, July-September	1963
98	9	Correspondence: Spedding letters, October-December	1963
16	7	Divisions: Reactor	1963
24	3	Equipment: Computer	1963
24	2	Equipment: Computer utilization bulletins	1963
25	7	Equipment: Isotope separator	1963
21	6	Graduate College	1963
44	4	Information: Reprints	1963
36	5	Inter-Office: Miscellaneous	1963
36	6	Inter-Office: Smutz	1963
36	4	Inter-Office: Spedding	1963
26	11	Materials: Loans	1963
27	1	Materials: Miscellaneous	1963
26	7	Materials: Rare earths, information	1963
56	1	Meetings: Scientific and other	1963
55	17	Meetings: Visitors: AEC	1963

Box	Folder	Title	Dates
88	5	Miscellaneous: 20th Anniversary of first controlled nuclear reaction	1963
8	3	Miscellaneous: Administration	1963
10	4	Miscellaneous: Administration – Real Time Control Committee	1963
89	31	Miscellaneous: Ames Laboratory News, “Physical & Inorganic Chemistry Group #8”	1963
91	18	Miscellaneous: Iowa State Scientist articles regarding the Ames Laboratory	1963
89	3	Miscellaneous: The First 20 Years at Los Alamos (booklet)	1963
89	6	Miscellaneous: The Scientist, “Ames Laboratory Research Reactor, an Exotic Research Tool”	1963
89	8	Miscellaneous: The Scientist, “The Atom at Iowa State”	1963
33	8	Personnel: Consultants – medical, miscellaneous	1963
29	2	Personnel: Graduate students	1963
28	9	Personnel: Recommendations	1963
29	5	Personnel: Travel	1963
33	10	Personnel: Visiting professors	1963
33	11	Personnel: Visiting professors	1963
44	9	Publications: Ames Lab research reactor	1963
30	1	Reports: Articles for publication	1963
30	2	Reports: Comments on books and articles	1963
32	5	Reports: Literature summary on the toxicity of lanthanides	1963
30	3	Reports: Miscellaneous	1963
32	11	Reports: Nuclear education and training activities at Ames Lab	1963
6	2-3	Research: AEC proposals	1963
6	1	Research: Proposed AEC research at other institutions	1963
5	12	Research: Proposed non-AEC research at other institutions	1963
43	3	Speeches and speaking engagements	1963

Box	Folder	Title	Dates
19	7	Administration: Reports – C. H. Rah	1963-1964
21	1	Administration: Reports – Smutz	1963-1964
21	8	Administration: Safety Committee	1963-1964
53	1	Budget: 189s preparation	1963-1964
39	3	Division: Physics	1963-1964
16	10	Divisions: Miscellaneous correspondence and reports	1963-1964
15	5	Divisions: Reactor	1963-1964
15	2	Divisions: Smutz	1963-1964
55	16	Meetings: Visitors: Foreign	1963-1964
8	18	Miscellaneous: Information reference slips	1963-1964
30	8	Reports: Articles for publication	1963-1964
7	2	Research: AEC proposal reports	1963-1964
7	3	Research: Midwestern Universities Research Association (MURA)	1963-1964
6	5	Research: Proposed non-AEC research at other institutions	1963-1964
39	4	Administration: Division: Physics	1963-1965
4	2	Conferences and meetings: Calorimetry conference	1963-1965
86	19	Correspondence: Hilton, J. H.	1963-1965
24	6	Equipment: Elion Company	1963-1965
55	12	Foreign travel: Corbett, John D.	1963-1965
52	1	Budget: Ames Lab FY 65	1963-1966
25	2	Equipment: FFAG (fixed-field alternating-gradient) betatron accelerator	1963-1966
8	8	Miscellaneous: Civil defense plan for Ames Laboratory	1963-1966
32	10	Reports: Summaries of research in the chemistry program	1963-1966
25	10	Materials: Rare earths, information	1963-1967
5	9	Research: Miscellaneous correspondence and reports	1963-1967
21	3	University: Miscellaneous	1963-1967
34	8	Personnel: Foreign travel post – travel reports	1963-1968

Box	Folder	Title	Dates
8	12	Miscellaneous: Reports and publications	1963-1974
12	5	Administration: Chicago	1964
12	6	Administration: Chicago	1964
12	3	Administration: Chicago, directive authorization	1964
12	7	Administration: COO, cost reduction report	1964
65	2	Administration: Division: Spedding	1964
20	6	Administration: Reports – Smutz	1964
20	7	Administration: Reports – Smutz	1964
14	2	Administration: Washington	1964
52	3	Budget: FY 1965	1964
3	6	Conferences and meetings: Atoms for Peace, Third United Nations International Conference on the Peaceful Uses of Atomic Energy	1964
23	2	Contracts: General and modifications (W-7405-ENG-82)	1964
23	4	Contracts: Task forces	1964
51	1	Correspondence: 3rd U.N. International Conference on the Peaceful Uses of Atomic Energy, Geneva, Switzerland	1964
66	12	Correspondence: Reynolds, Edward, Associated Universities, Inc.	1964
50	7	Correspondence: Sillen, Lars	1964
41	2	Division: Business Office	1964
42	1	Division: Chemistry	1964
17	1	Divisions: Miscellaneous	1964
17	8	Divisions: Miscellaneous	1964
15	1	Divisions: Purchasing	1964
15	6	Divisions: Reactor	1964
24	1	Equipment: Miscellaneous	1964
55	5	Foreign travel: Danielson, Gordon C.	1964
55	6	Foreign travel: Martin, Don S.	1964
55	7	Foreign travel: Svec, Harry J.	1964

Box	Folder	Title	Dates
55	3	Foreign travel: Voigt, A. F.	1964
44	5	Information: Reprints	1964
26	9	Materials: Ames Lab quotes and loans	1964
26	12	Materials: Miscellaneous	1964
55	4	Meetings: Foreign: Foreign travel	1964
55	2	Meetings: Visitors: Foreign	1964
9	3	Miscellaneous: Administration	1964
8	17	Miscellaneous: Correspondence from Washington, D.C.	1964
89	12	Miscellaneous: Direct conversion of energy USAEC report	1964
9	1	Miscellaneous: General correspondence and information	1964
33	12	Personnel: Consultants	1964
29	3	Personnel: Insurance and annuities	1964
28	7	Personnel: Major staff	1964
28	6	Personnel: Miscellaneous	1964
29	4	Personnel: Positions available elsewhere	1964
33	4	Personnel: Spedding's group	1964
29	1	Personnel: Visiting professors – miscellaneous	1964
30	9	Reports: Comments on books and articles	1964
30	10	Reports: Miscellaneous	1964
30	11	Reports: Program of research	1964
6	8	Research: Proposed AEC research at other institutions	1964
18	8	Special reports: Chemistry	1964
19	4	Special reports: Chemistry (November)	1964
19	3	Special reports: Engineering (November)	1964
18	6	Special reports: Engineering, reactor, and computer	1964
19	2	Special reports: Metallurgy	1964
19	1	Special reports: Metallurgy (November)	1964
18	7	Special reports: Physics	1964
19	5	Special reports: Physics A-H	1964

Box	Folder	Title	Dates
19	6	Special reports: Physics K-Z	1964
43	4	Speeches and speaking engagements	1964
13	7	Administration: COO, cost reduction report	1964-1965
31	5	Administration: Division reports	1964-1965
37	6	Administration: Offices – Spedding	1964-1965
22	4	Administration: Parking	1964-1965
14	3	Administration: Washington	1964-1965
52	4	Budget: FY 1965	1964-1965
53	6	Budget: FY 1966	1964-1965
41	3	Division: Chemical Engineering	1964-1965
17	6	Divisions: Miscellaneous, Rhinehart	1964-1965
16	4	Divisions: Reactor, reactor addition	1964-1965
55	8	Foreign travel: Swenson, Clayton A.	1964-1965
28	8	Personnel: Summer teacher program	1964-1965
33	7	Personnel: Suspense – foreign	1964-1965
27	7	Personnel: Visiting professors – miscellaneous	1964-1965
32	7	Reports: Summaries of basic research	1964-1965
53	4	Budget: FY 1966	1964-1966
15	4	Divisions: Building and engineering	1964-1966
16	6	Divisions: Reactor, reactor safety survey	1964-1966
55	9	Foreign travel: Talbert, Willard L.	1964-1966
56	6	Meetings: Visitors	1964-1966
90	4	Miscellaneous: Japan Atomic Energy Research Institute	1964-1966
10	7	Miscellaneous: Information reference slips	1964-1967
16	8	Divisions: Metallurgy	1964-1968
33	3	Personnel: Visiting professors, distinguished	1964-1968
12	8	Administration: Chicago	1965
13	9	Administration: COO	1965
13	10	Administration: COO	1965
13	5	Administration: COO, yttrium inventory	1965

Box	Folder	Title	Dates
17	7	Administration: Division – miscellaneous	1965
41	5	Administration: Division: Chemical Engineering	1965
42	2	Administration: Division: Chemistry	1965
39	5	Administration: Division: Physics	1965
17	2	Administration: Divisions – miscellaneous	1965
37	5	Administration: Offices – Smutz	1965
39	1	Administration: Offices – technical information	1965
21	10	Administration: Property management policies	1965
36	7	Administrative: Offices miscellaneous	1965
54	2	Budget: FY 1967	1965
1	8	Conferences and meetings: 5th Rare Earth Research Conference	1965
1	9	Conferences and meetings: Calorimetry meeting	1965
2	3	Conferences and meetings: Washington trip	1965
23	6	Contracts: General, modifications, supplements	1965
23	3	Contracts: Task forces	1965
89	23	Correspondence: World Book Encyclopedia	1965
16	2	Divisions: Reactor	1965
16	5	Divisions: Reactor, personnel control at reactor	1965
55	13	Foreign travel: Kliewer, K. L.	1965
55	11	Foreign travel: Verhoeven, J. D.	1965
26	8	Materials: Ames Lab quotes and loans	1965
55	10	Meetings: AEC	1965
55	14	Meetings: Foreign: Foreign travel	1965
76	20	Miscellaneous: Business expenses	1965
9	2	Miscellaneous: General correspondence and information	1965
10	2	Miscellaneous: History – early rare earth business	1965
89	15	Miscellaneous: Institute for Atomic Research booklet	1965
89	9	Miscellaneous: Johns Hopkins University Spectroscopy Laboratory open house	1965

Box	Folder	Title	Dates
89	13	Miscellaneous: The Neils Bohr Institute (booklet)	1965
91	24	Miscellaneous: Translation of German article, "Vibrational Spectrum of Hexagonal Lanthanum Ethylsulfate"	1965
33	13	Personnel: Consultants	1965
27	9	Personnel: Major staff	1965
28	2	Personnel: Miscellaneous	1965
28	3	Personnel: Recommendations	1965
27	8	Personnel: Report – summer faculty participation program	1965
29	7	Personnel: Seminar speakers	1965
29	8	Personnel: Summer faculty participation program	1965
33	2	Personnel: Summer trainee program	1965
45	1	Publications: Program statistics	1965
44	10	Publications: Proposal for the research reactor addition	1965
31	4	Reports: Comments on books and articles	1965
32	4	Reports: Newsworthy activities	1965
30	7	Reports: Proposal reports of AEC research	1965
43	13	Speech at Calorimetry Conference, Banquet Talk	1965
42	9	Speech by Willard H. McCorkle, "Nuclear Reactors and Research Uses"	1965
38	6	Administration: Offices – building and engineering	1965-1966
37	7	Administration: Offices – technical information	1965-1966
36	8	Administration: Offices miscellaneous – Rhinehart	1965-1966
53	5	Budget: FY 1966	1965-1966
15	3	Divisions: Accounting	1965-1966
16	9	Divisions: Metallurgy	1965-1966
25	9	Materials: Miscellaneous	1965-1966
26	4	Materials: Rare earths, interdepartmental requests	1965-1966
57	1	Meetings: Foreign: Gschneider	1965-1966
57	4	Meetings: Foreign: Smith	1965-1966
35	7	Personnel: Insurance and annuities	1965-1966

Box	Folder	Title	Dates
64	8	Personnel: Summer faculty participation program	1965-1966
27	6	Personnel: Visiting professors – miscellaneous	1965-1966
23	7	Administration: Audit information	1965-1967
23	8	Administration: Automatic data processing	1965-1967
23	9	Administration: Federal communications system	1965-1967
23	10	Administration: Letter of credit	1965-1967
21	4	Administration: University-owned space	1965-1967
53	8	Budget: FY 1967	1965-1967
44	8	Information: Reprints	1965-1967
26	1	Materials: Rare earths, information and miscellaneous	1965-1967
10	6	Miscellaneous: Health and safety	1965-1967
44	7	National Academy of Sciences: Fellowship opportunities	1965-1967
35	4	Personnel: Seminar speakers	1965-1967
33	6	Personnel: Summer faculty participation program	1965-1967
5	10	Research: Research at other institutions	1965-1967
17	13	Administration: Divisions: Reactor – irradiation requests and information	1965-1968
31	8	Reports: Fundamental nuclear energy report	1965-1968
31	2	Reports: Significant accomplishments	1965-1968
34	3	Personnel: Major staff – booklet	1965-1969
10	3	Miscellaneous: Administration – Technical Information Advisory Committee	1965-1972
65	4	Personnel: F. H. Spedding: Bibliography proofs	1965-1974
11	9	Administration: Chicago	1966
41	1	Administration: Division: Chemistry	1966
40	9	Administration: Division: Chemistry personnel	1966
39	6	Administration: Division: Physics	1966
40	1	Administration: Division: Physics personnel	1966
21	7	Administration: Instrument shop – Coleman	1966
38	2	Administration: Offices – building and engineering, graphic arts services	1966

Box	Folder	Title	Dates
37	1	Administration: Offices – Rhinehart	1966
37	8	Administration: Offices – technical information	1966
37	10	Administration: Offices – Voigt	1966
13	1	Administration: Washington	1966
17	14	Budget: Ceramic and mechanical engineering	1966
17	15	Budget: Chemical engineering	1966
18	1	Budget: Chemistry	1966
53	7	Budget: FY 1966	1966
54	1	Budget: FY 1967	1966
18	2	Budget: Math and computer	1966
18	3	Budget: Metallurgy	1966
18	4-5	Budget: Physics	1966
2	2	Conferences and meetings: Atomic Energy Commission	1966
23	5	Contracts: General, modifications, supplements	1966
60	2	Correspondence: COO (April-June)	1966
59	8	Correspondence: COO (January-March)	1966
60	1	Correspondence: COO (July-December)	1966
50	19	Correspondence: Draft of letter to President Parks	1966
88	2	Correspondence: Laboratory directors meeting at Ames (2- 8x10 b/w photographs)	1966
50	9	Correspondence: Murao, Tsuyoshi	1966
50	10	Correspondence: <i>Separation Science</i> , appointed Associate Editor	1966
17	5	Divisions: Miscellaneous	1966
16	3	Divisions: Reactor	1966
26	3	Materials: Ames Lab quotes and loans	1966
56	9	Meetings: Foreign: Finnemore	1966
55	1	Meetings: Foreign: Foreign travel	1966
57	2	Meetings: Foreign: Kirkham	1966
57	3	Meetings: Foreign: O'Laughlin	1966

Box	Folder	Title	Dates
56	7	Meetings: Miscellaneous	1966
79	3	Miscellaneous: Ames Laboratory staff	1966
8	9	Miscellaneous: Civil defense shelter handbook	1966
78	23	Miscellaneous: Phi Lambda Upsilon list of honorary members	1966
79	4	Miscellaneous: Review of project	1966
9	8	Miscellaneous: Speeches	1966
36	10	Offices: Administrative staff meeting	1966
36	9	Offices: Miscellaneous	1966
34	1	Personnel: Consultants	1966
65	6	Personnel: F. H. Spedding: John Scott Awards	1966
35	6	Personnel: Faculty participation program	1966
36	1	Personnel: Major staff	1966
36	2	Personnel: Positions available elsewhere	1966
35	8	Personnel: Recommendations	1966
64	6	Personnel: Summer student trainee program	1966
66	9	Photographs: Laboratory Directors meeting (2- 8x10" b/w)	1966
45	2	Publications: FFAG betatron proposal	1966
32	2	Reports: Cost reduction report	1966
30	12	Reports: Fast fuels and cladding development	1966
32	6	Reports: Summaries of fuels and materials development program	1966
32	8	Reports: Summaries of physical research in physics and math	1966
5	11	Research: Proposal reports	1966
43	9	Speech at Laboratory director's meeting	1966
92	2	Speech by Spedding: The Operation and Scope of the Ames Laboratory of the Atomic Energy Commission" delivered to Chicago Physics Club	1966
43	11	Speeches and speaking engagements	1966
11	10	Administration: COO – liquid helium	1966-1967

Box	Folder	Title	Dates
40	7	Administration: Division: Chemistry	1966-1967
17	3	Administration: Divisions – miscellaneous	1966-1967
38	1	Administration: Offices – building and engineering	1966-1967
37	2	Administration: Offices – Smutz	1966-1967
54	3	Budgets	1966-1967
87	7	Correspondence: Spedding “family tree”	1966-1967
40	3	Division: Physics	1966-1967
17	4	Divisions: Miscellaneous, budget	1966-1967
25	4	Equipment: Miscellaneous	1966-1967
56	8	Meetings: Foreign: Spedding	1966-1967
9	9	Miscellaneous: General correspondence and information	1966-1967
10	8	Miscellaneous: Health and safety, civil defense	1966-1967
33	9	Personnel: Consulting	1966-1967
35	1	Personnel: Major staff	1966-1967
34	10	Personnel: Positions available elsewhere	1966-1967
33	5	Personnel: Summer student trainee program	1966-1967
34	2	Personnel: Visiting professors	1966-1967
43	16	Publications: University catalogs	1966-1967
31	1	Reports: ADP on accomplishments in management of computers	1966-1967
31	3	Reports: Clean-up campaign	1966-1967
31	6	Reports: Comments on books and articles	1966-1967
32	1	Reports: Cost reduction report	1966-1967
30	13	Reports: President's directive to cut federal expenditures by improving procurement and property management systems	1966-1967
30	14	Reports: Science information exchange	1966-1967
38	3	Administration: Offices – building and engineering	1966-1968
21	2	Administration: University	1966-1968
40	10	Division: Chemical Engineering	1966-1968
16	1	Divisions: Reactor	1966-1968

Box	Folder	Title	Dates
65	5	Personnel: ACS Award	1966-1969
11	8	Administration: Chicago Operations Office (COO)	1967
13	4	Administration: COO, directives	1967
13	6	Administration: COO, directives	1967
40	2	Administration: Division: Physics	1967
62	8	Administration: Division: Reactor safety survey	1967
37	4	Administration: Offices – Smutz	1967
37	11	Administration: Offices – Voigt	1967
13	2	Administration: Washington	1967
53	2	Budget: 189s for FY 1969	1967
53	9	Budget: FY 1967	1967
2	1	Conferences and meetings: Atomic Energy Commission	1967
2	4	Conferences and meetings: Laboratory director's meeting	1967
2	6	Conferences and meetings: Miscellaneous correspondence	1967
2	5	Conferences and meetings: Visitors	1967
50	22	Correspondence: 25th Anniversary of the nuclear chain reaction	1967
60	3	Correspondence: COO (April-June)	1967
60	4	Correspondence: COO (January-March)	1967
59	6	Correspondence: COO (July-September)	1967
59	9	Correspondence: COO (October-December)	1967
50	18	Correspondence: Phi Lambda Upsilon, American Chemical Society	1967
50	8	Correspondence: Sixth Rare Earth Conference	1967
40	8	Division: Chemistry	1967
25	6	Information: Materials – quotes and loans	1967
25	8	Materials: Ames Lab quotes and loans	1967
26	2	Materials: Rare earths, interdepartmental requests	1967
10	9	Miscellaneous: 25th anniversary of first chain reaction	1967
10	1	Miscellaneous: Administration – shared shops	1967

Box	Folder	Title	Dates
10	5	Miscellaneous: Administrative correspondence	1967
90	2	Miscellaneous: Ames Laboratory 25th Anniversary	1967
78	32	Miscellaneous: Harvey Brooks speech about keeping National Labs current	1967
89	27	Miscellaneous: Midwest Award	1967
90	7	Miscellaneous: News article about Ames Lab's continued work after the war, spectrum scanner	1967
89	14	Miscellaneous: Newspaper clippings about war work and research at Ames Lab	1967
78	24	Miscellaneous: Nobel establishment	1967
89	25	Miscellaneous: Page from "Manhattan Project" shows how Ames Lab's contribution was ignored	1967
78	26	Miscellaneous: Press clippings regarding 25th Anniversary of Ames Lab Open House	1967
78	20	Miscellaneous: RIC News, articles about Spedding	1967
78	12	Miscellaneous: Spedding: Awards: AEC Citation	1967
86	18	Nobel Prize nomination	1967
36	13	Offices: Accounting	1967
36	14	Offices: Accounting	1967
34	9	Personnel: Insurance and annuities	1967
35	5	Personnel: Miscellaneous	1967
35	3	Personnel: Recommendations	1967
31	9	Reports: Cost reduction report	1967
31	10	Reports: Cost reduction report	1967
31	7	Reports: Newsworthy activities	1967
32	9	Reports: Reactor materials development report	1967
5	1	Research: Special report for Dr. Spedding	1967
43	7	Speech at Chemistry Seminar, "Thermodynamic Properties of Rare Earth Electrolytes"	1967
50	23	Transcript of taped conversation between Spedding, Wilhelm, and Daane (first three pages only)	1967
40	4	Administration: Division: Physics	1967-1968

Box	Folder	Title	Dates
37	12	Administration: Offices – accounting	1967-1968
36	16	Administration: Offices – purchases	1967-1968
38	4	Administration: Offices – technical information	1967-1968
3	4	Conferences and meetings: Atomic Energy Commission	1967-1968
25	3	Equipment: FFAg betatron accelerator	1967-1968
89	17	Miscellaneous: Articles in print at time of retirement of directorship	1967-1968
9	11	Miscellaneous: Lab-Coop Newsletter	1967-1968
36	11	Offices: Administrative staff meeting	1967-1968
36	15	Offices: Computer	1967-1968
36	12	Offices: Miscellaneous	1967-1968
34	6	Personnel: Director	1967-1968
65	10	Personnel: F. H. Spedding: Case Institute	1967-1968
27	5	Personnel: Visiting professors	1967-1968
43	17	Publications: Articles for publication	1967-1968
65	7	Personnel: F. H. Spedding: Awards, miscellaneous	1967-1972
58	7	Publications: Miscellaneous	1967-1975
105	10	Miscellaneous: Articles on Ames Laboratory in Arcs and Sparks; Analytical Chemistry; and Spectrum Scanner	1967-1979
12	1	Administration: COO	1968
41	4	Administration: Division: Ceramic and Mechanical Engineering	1968
40	6	Administration: Division: Chemistry	1968
38	5	Administration: Offices – building and engineering	1968
37	3	Administration: Offices – Smutz	1968
37	9	Administration: Offices – technical information	1968
13	3	Administration: Washington	1968
88	24	Biographical information: Hobbies: Golf	1968
51	45	Budget: 189s for FY 1970	1968
1	10	Conferences and meetings: Vanadium working group	1968

Box	Folder	Title	Dates
57	6	Conferences: Inter-American Conference on Materials Technology	1968
59	7	Correspondence: COO (January-June)	1968
50	12	Correspondence: Interamerican Conference on Materials Technology	1968
51	3	Correspondence: Paddelford, Ralph M.	1968
40	5	Division: Physics personnel	1968
17	9	Divisions: Miscellaneous	1968
17	10	Divisions: Miscellaneous – Ames Laboratory open houses	1968
17	12	Divisions: Reactor	1968
25	1	Equipment: Storage ring proposal	1968
25	5	Information: Materials – interdepartmental requests	1968
8	7	Miscellaneous: Administration, procurement policies, management appraisal	1968
58	13	Miscellaneous: Helium Centennial Times Columns	1968
90	6	Miscellaneous: Institute of Atomic Research booklet	1968
88	8	Miscellaneous: Inter American Conference material	1968
90	5	Miscellaneous: Spedding: Sigma Xi	1968
89	11	Miscellaneous: USAEC statistical summary of the physical research program report	1968
78	25	Miscellaneous: VEISHEA address by Spedding	1968
36	3	Personnel: Foreign travel – post travel reports	1968
34	5	Personnel: Major staff	1968
43	14	Publications: Comments on books and articles	1968
44	1	Publications: McGraw-Hill Book Co. encyclopedia articles	1968
7	4	Research: AEC proposal reports	1968
6	6	Research: Argonne National Laboratory and Ames Laboratory at Ames Reactor	1968
6	7	Research: Miscellaneous reports and correspondence	1968
27	3	Revolver (Colt .38)	1968
43	6	Speech at VEISHEA torchlight ceremonies	1968

Box	Folder	Title	Dates
3	3	Conferences and meetings: Visitors	1968-1969
92	7	Miscellaneous: Ames Laboratory News	1968-1973
59	4	Miscellaneous: Historical materials	1968-1973
58	11	Miscellaneous: RIC News	1968-1974
4	5	Conferences and meetings: National Academy of Sciences, Radioactive Waste Committee	1968-1975
10	10	Miscellaneous: Publications	1968-1982
3	7	Conferences and meetings: Colloque International du CNRS	1969
3	8	Conferences and meetings: Rare Earth Conference (Paris)	1969
3	9	Conferences and meetings: Rare Earth Conference (Paris)	1969
50	20	Correspondence: ACS Award for Distinguished Service in Advancement of Inorganic Chemistry nomination	1969
88	20	Correspondence: World Book Encyclopedia	1969
88	21	Miscellaneous: Article about Spedding, Nielsen, and Herzberg published in Spectroscopia Molecular (Spanish language)	1969
88	19	Miscellaneous: Clamer Medal	1969
48	14	National Academy of Science listing three Iowa State members in a news release	1969
65	9	Personnel: F. H. Spedding: Francis J. Clamer Medal, Franklin Institute	1969
92	11	Miscellaneous: Various awards and honors	1969-1975
88	10	Correspondence: Encyclopedia Britannica article on rare earths	1970
48	11	Correspondence: Ink, D. A., recommendation for Distinguished Achievement Citation	1970
88	22	Miscellaneous: Society of Applied Spectroscopy, honorary membership	1970
3	10	Soviet lecture invitation	1970
4	1	Soviet lecture trip	1970

Box	Folder	Title	Dates
65	8	Personnel: F. H. Spedding: Francis J. Clamer Medal, Franklin Institute	1970-1973
88	9	Correspondence: Invitation to visit Zurich	1971
88	6	Correspondence: Murao	1971
88	14	Correspondence: Oiwa, I. T.	1971
88	13	Correspondence: Wheelwright, Earl	1971
58	8	Publications: Precision Measurements of the Densities of Water between 5 and 80° C, by Gildseth, Habenschuss, and Spedding	1971
88	1	Handwritten encyclopedia manuscript	1971 ca.
44	3	Publications: Encyclopedia Britannica article on rare earths	1971-1974
103	7	Correspondence with ISU Library Special Collections Department regarding transfer of Spedding papers	1971-1977
88	25	Correspondence: Gruber, John B.	1972
88	7	Correspondence: Nakai, Toshio	1972
91	25	Correspondence: Publication of paper by Spedding	1972
90	3	Miscellaneous: Austrian Chemical Society, honorary member	1972
91	9	Correspondence: Yates, Stanley from Iowa State University Special Collections Department	1972-1973
58	9	Correspondence: Various	1972-1974
4	4	Conferences and meetings: National Academy of Sciences, Radioactive Waste Committee	1973
88	15	Correspondence: Daane, Adrian H.	1973
88	17	Correspondence: Pitzer, Kenneth S.	1973
88	16	Miscellaneous: Clipping from Allen Whitfield who was legal counsel in the early years of the project	1973
88	11	Miscellaneous: Frances Taylor obituary	1973
44	2	Publications: Encyclopedia Britannica article on rare earths	1973
64	7	Reports: Ames Laboratory Highlights	1973
100	1	Articles by Spedding, 201-210	1973-1974

Box	Folder	Title	Dates
106	3	Articles by Spedding, 201-260	1973-1981
100	2	Articles by Spedding, 211-220	1974
48	10	Correspondence: Dalzell, Carson	1974
88	12	Miscellaneous: Iowa Academy of Science Award of Merit	1974
48	15	Spedding Hall dedication	1974
100	3	Articles by Spedding, 221-235	1974-1976
86	21	Correspondence: Conferences	1974-1980
48	12	Correspondence: Centennial Distinguished Fellow of Iowa Academy of Science (includes news clipping)	1975
88	23	Miscellaneous: Iowa Academy of Science distinguished fellowship	1975
11	2	Miscellaneous: Relocation of New Brunswick Lab to Argonne site	1975
43	18	Speech at Argonne, Illinois, "The Importance of Accurate Analytical Data in Science"	1975
4	3	Conferences and meetings: National Academy of Sciences, Radioactive Waste Committee	1975-1976
79	10	Miscellaneous: International Union of Pure and Applied Chemistry (IUPAC)	1975-1976
79	9	Miscellaneous: Preface for Dr. Gschneidner's book	1975-1979
76	14	Miscellaneous: Spedding Lecture	1975-1979
87	2	Correspondence: Encyclopedia of Physics, (George L. Trigg)	1975-1980
87	3	Correspondence: McGraw-Hill Encyclopedia of Science and Technology	1975-1980
87	5	Correspondence: Publications	1975-1984
78	29	Miscellaneous: Biographical listings	1975-1984
92	10	Miscellaneous: "From Salt Kettles to Nuclear Fuels, Chemistry of Oklahoma" booklet	1976
100	4	Articles by Spedding, 236-240	1976-1977
11	3	Miscellaneous: <i>Iowa Stater</i> article recognizing Spedding, Gilman, Lush, and Atanasoff for science achievements	1977
88	18	Miscellaneous: Nomination for National Medal of Science	1977

Box	Folder	Title	Dates
54	8	Troubles with budget, Iowa State Daily article	1977
100	5	Articles by Spedding, 241-260	1977-1981
11	5	Miscellaneous: 35-year Service Award to Spedding	1978
11	6	Miscellaneous: First Frank H. Spedding Prize (given at 14th Rare Earth Conference)	1979
49	2	Correspondence: Wiley: Encyclopedia article (includes "mag-cards")	1980
49	1	Correspondence: Wiley: Rare earth article for encyclopedia	1980
87	4	Birthday Party, 80th, for F. H. Spedding: Mailing lists, programs, correspondence	1982
87	6	Correspondence: Encyclopedia of Chemical Technology, John Wiley & Sons	1982
87	1	Correspondence: Hacker, Barton (Reynolds Electrical Eng. Co., Inc.)	1982-1984
8	4	Miscellaneous: Obituary and biographies	1982-1984
57	11	Conferences: 16th Rare Earth Research Conference	1983
100	6	Memorial resolution	1985
104	1	Administration: Transcript of meeting between Spedding, Smith, Black, Wilhelm, and Fulmer discussing future projects	n.d.
99	1	Articles by Spedding: Bibliography	n.d.
51	27	Correspondence: Penney, W.	n.d.
103	8	Memo of understanding between the Atomic Research Institute and the Agricultural Experiment Station (drafts)	n.d.
76	10	Miscellaneous: Description of how to grow hydrate rare earth crystals	n.d.
105	12	Miscellaneous: Door plaque, "F. H. Spedding. Iowa State – AEC"	n.d.
76	19	Miscellaneous: Dorothy Thompson write-up	n.d.
103	6	Miscellaneous: File guide	n.d.
11	4	Miscellaneous: Guidelines for Professor Emeritus at Iowa State University	n.d.
91	13	Miscellaneous: Historical file	n.d.

Box	Folder	Title	Dates
104	7	Miscellaneous: Information of the Atomic Research Institute	n.d.
78	3	Miscellaneous: Institute for atomic research booklet	n.d.
104	20	Miscellaneous: Institute for Atomic Research bulletin	n.d.
76	17	Miscellaneous: Iowa State Journal of Research	n.d.
105	4	Miscellaneous: List of publications by Ellis Fulmer	n.d.
76	18	Miscellaneous: List of rare earth group	n.d.
91	2	Miscellaneous: List of workers on the early projects	n.d.
77	2	Miscellaneous: Map of Oxford	n.d.
76	15	Miscellaneous: Old campus map	n.d.
8	6	Miscellaneous: Publications	n.d.
104	8	Miscellaneous: Rehabilitation of women's old field house	n.d.
77	4	Miscellaneous: Train schedule	n.d.
91	11	Miscellaneous: Translation of Kronerberger's article on benzene spectra at very low temperatures	n.d.
89	29	Miscellaneous: Weldon Spring material, Mallinckrodt Chem. Uranium Division	n.d.
92	5	Paper by Spedding, "Anisotropic Absorption Lin Intensities in the HsC Zeeman Effect of Erbium Ethylsulfate"	n.d.
91	22	Paper by Spedding, "Separations of Pure Chemicals Using Cation-Exchange Columns"	n.d.
91	23	Paper, "Development, Growth and State of the Atomic Energy Industry"	n.d.
91	26	Papers by Spedding: "A Thermal and Magnetic Study of the Crystal Field Energy Levels in Dilute Rare Earth Alloys I & II"	n.d.
66	1	Photographs: Dedication of Battelle National Laboratory at Argonne (1- 8x10" b/w)	n.d.
65	12	Photographs: Gadolinium ring and lecture materials on rare earth separations used in Nichols Medal address (35- 5x7" b/w, 4- 8x10" b/w photographs)	n.d.
66	6	Photographs: Spectrograms (36- 8x10" b/w)	n.d.

Box	Folder	Title	Dates
66	4	Photographs: Spedding (7- 5x7" b/w, 9- 8x10" b/w photographs; 2- 5x7" b/w and 1- 8x10" b/w negatives)	n.d.
66	8	Photographs: Spedding, miscellaneous (16- 8x10" b/w, 1- 5x7" b/w, 13- 4x5" b/w)	n.d.
44	6	Publications: Ames Lab civil defense plan	n.d.
45	4	Publications: Pergamon Press encyclopedia article	n.d.
64	2	Reports: Geochemistry of the rare earths	n.d.
42	11	Speech in Japan, "The Ames Laboratory of the Atomic Energy Commission"	n.d.
42	10	Speech in Japan, "The Rare Earths"	n.d.
42	6	Speech, "Atomic Energy – A Review of Fundamentals"	n.d.