ARIZONA STATE UNIVERSITY

# DESIGN AND THE ARTS LIBRARY SPECIAL COLLECTIONS

# ANNA FAY WILLIAMS COLLECTION

**Collection #: MS MSS 31**
**Location: DESIGN SPECIAL COLLECTIONS**
**Drawings and Papers: 1940s-1980s**
**No. of Items: 3 boxes, 1.5 ln. ft.**

## Biographical Note

American energy economist, policy researcher, and writer Anna Fay Williams was born in 1935 in Newark, New Jersey. She earned a bachelor of science degree in journalism from the University of Minnesota in 1957, a master of arts degree in broadcast film arts from Southern Methodist University in 1968, a master of arts degree in economics from Southern Methodist University in 1975, and a doctor of philosophy degree in management and policy sciences from the University of Texas Health Science Center at Houston in 1990.

Williams has worked as an economist for Keplinger Companies and as an energy consultant in Houston, Texas. She has lectured and presented papers on renewable energy for associations in the United States and internationally. Williams is the author, co-author, or editor of several publications, including *The Handbook of Photovoltaic Applications: Building Applications and System Design Considerations* (1986), *New Opportunities to Purchase Natural Gas* (1988), *Open Protocols: Communications Standard for Building Automation Systems* (1989), and *Software Applications and Directory for Energy Analysis* (1992). She founded

*Solar Engineering* magazine in 1974 and served as its executive editor until 1981. Williams resides in Houston, Texas.

## Scope and Content Note

The collection consists of materials on solar energy research and development in the 1970s and 1980s and includes reports, conference materials, news clippings, correspondence, and research files. The collection is organized in five series.

Series 1, Reports contains reports on solar energy from various individuals, universities, agencies, organizations, research centers, and companies.

Series 2 Seminars and Conferences contains materials from various solar energy-related meetings, including schedules, agendas, abstracts, proceedings, notes, and brochures.

Series 3, Solar Test Facilities contains reports, brochures, and manuals, from solar energy test facilities.

Series 4, Solar Projects includes information on specific solar energy-related projects including correspondence, press releases, reports, photographs, architectural drawings, and brochures.

Series 5, General Solar Materials includes press releases, news clippings, and correspondence regarding solar energy developments and research.

## Provenance

This collection was donated to Arizona State University by Anna Fay Williams in September 1998.

## Container List

### Series 1: Reports

### Box 1

Folder 1 Biomass Research at Georgia Tech, circa 1980

Folder 2 Design, Construction, & Testing of a Fixed Mirror Solar Concentrator Field, 1978 June

Folder 3 Weatherability of Fiberglass Solar Collector Covers, Undated

Folder 4 Market Survey, Materials Requirements, Solar Energy Flat Plate Collector Mfg’rs, Undated

Folder 5 HUD Residential Solar Viability Program, RSVP: What it can do for you, 1978

Folder 6 Interim Report on the New England Electric Residential Solar Water Heating Experiment, circa 1976

Folder 7 The Solar Agenda: Progress & Prospects, Four Years After Sun Day, 1982 May

Folder 8 **S**olar Energy Research at Georgia Tech, 1976

Folder 9 Jobs From the Sun: Employment Development in the California Solar Energy Industry, 1978 February

Folder 10 University of Queensland Solar Energy Research Report 3, 1978 December

Folder 11 Financing Solar System Costs, 1976 September

Folder 12 Solar Penetration and the Utility Load Factor, Undated

Folder 13 **S**olar Market Capture and Market Penetration, Solar Heating and Cooling, 1976 October 5

Folder 14 Solar Energy Incentives Analysis, Market Supply Analysis, 1980 April

Folder 15 Department of Energy Conference on Opportunities to Participate in Solutions to Energy Problems: Photovoltaics Advanced Research and Development, 1983 February 25

Folder 16 Putting the Sun to Work: A History & Directory of Currently Available Solar Energy Applications, 1974

Folder 17 Solar Energy Research Report, 1980 January

Folder 18 Community Impediments to Implementation of Solar Energy, 1979 June

Folder 19 A Community Project in Alternate Energy, Epoch B, 1978

Folder 20 Parafinnic Oil Solar Systems for Space Heating and Domestic Hot Water, 1978 April 10

Folder 21 An Evaluation of ASHRAE Standard 94-777 for Testing Pebble-bed and Phase-change Thermal Energy Storage Devices, 1979

Folder 22 Central Receiver System Solar Power Plant, Description, 1981 March 1

Folder 23 The 20 MWe Gas-cooled Solar Tower Power Plant Gast, 1980

Folder 24 Solar Energy Application for Urban Settlements, Undated

**Box 2**

Folder 25 Use of Marketing Techniques to Both Stimulate Commercial Energy Conservation and Increase Consumer Awareness of Solar Technology, Undated

Folder 26 Storing Solar Heat in Chemicals; A Report on the Dover House, 1949 November

Folder 27 A Review of Solar House Heating, 1949 September

Folder 28 Thermal Energy Storage, 1975

Folder 29 Solar Energy Storage, 1974 September

Folder 30 Thermal Storage for Solar Heating and Cooling, 1975 April

Folder 31 Solar Energy Storage, Undated

Folder 32 Solar Energy Storage, 1976

Folder 33 Thermal Energy Storage in Salt Hydrates, 1980

Folder 34 Solar House Heating—A Problem of Heat Storage, 1947 May

Folder 35 Trombe Wall With Phase Change Storage Material, 1978 March

Folder 36 Latent Heat Storage Techniques, 1978 April

Folder 37 Thermal Storage in Salt-Hydrate Eutectics, 1978 August

Folder 38 Energy Efficient Residence II, EER Research and Demonstration Program, Undated

Folder 39 Solar Water Heating: A Question and Answer Primer, 1977 May

Folder 40 Solar Home Coming, Undated

Folder 41 Solar Energy: Has the Time Come?, Undated

Folder 42 Solar Energy—Its Environmental Dimensions, Undated

Folder 43 A Solar Approach to Remote Communications Power Problems, 1979

Folder 44 Simulation of the Performance of a 100-kw-peak Photovoltaic System, Undated

Folder 45 Miscellaneous Reports on Glazing, 1974-1978

Folder 46 Electricity From Photovoltaic Solar Cells, Status of Low-cost Solar Array Project, 1980 January

**Series 2: Seminars and Conferences**

**Box 2**

Folder 1 International Solar Energy Exhibition, Brighton, 1981

Folder 2 Solar High Temperature Testing Workshop, Durham, New Hampshire, 1977 July 11-12

Folder 3 National Photovoltaics Program Annual Review Meeting, Kissimmee, Florida, 1984 April 30

Folder 4 UK Section of the International Solar Energy Society Meeting C41, Applications of Photovoltaics, Newcastle Upon Tyne, 1985 September 12-13

Folder 5 Miscellaneous Conference Pamphlets, 1977-1983

Folder 6 Solar Building Technologies Workshop, Beaumont, Texas, 1978 September 22-23

## Series 3: Solar Test Facilities

### Box 2

Folder 1 Sandia Laboratories, Undated

Folder 2 White Sands Solar Facility Experimenter's Guide, 1977

Folder 3 Georgia Institute of Technology 400 KW Solar Thermal Test Facility User's Manual, 1977 May

Folder 4 Los Alamos National Laboratory Energy Technology, 1981 March

Folder 5 Oak Ridge National Laboratory Information Center for Energy Safety, 1978 January

### Box 3

Folder 6 Technology Application Center Progress Report, 1977

Folder 7 Solar Energy Research Institute Survey of Solar Thermal Test Facilities, 1979 August

Folder 8 Solar Thermal Test Facilities Users Association, 1978

## Series 4: Solar Projects

Folder 1 El Cerrito Community Center, El Cerrito, California, 1979, undated

Folder 2 Solar Recreation Center, Shenandoah, Georgia, Undated

Folder 3 Bournville Village Trust Solar Projects, Bournville, England, 1981, undated

Folder 4 Mississippi County Community College Solar Photovoltaic Total Energy Project, Blytheville, Arkansas, Undated

Folder 5 Copper Development Association, 1975, undated

Folder 6 Miscellaneous Solar Projects, 1978-1979

**Series 5: General Solar Materials**

Folder 1 Press Releases, 1977-1981

Folder 2 News Clippings, 1975-1976

Folder 3 Correspondence, 1978-1979

**Finding aid by Harold Housley (August 2017)**