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February 1980

MASTER

Market Development Directory for Solar Industrial Process Heat Systems

Department of Mineral Economics
Colorado School of Mines
Golden, Colorado

Prepared Under Subcontract No. EI-9-8250-1
for the

SERI

Solar Energy Research Institute

A Division of Midwest Research Institute

1536 Cole Boulevard
Golden, Colorado 80401

Operated for the
U.S. Department of Energy
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UC CATEGORY: UC-59B

MASTER

MARKET DEVELOPMENT DIRECTORY
FOR SOLAR INDUSTRIAL PROCESS
HEAT SYSTEMS

FEBRUARY 1980

DEPARTMENT OF MINERAL ECONOMICS
COLORADO SCHOOL OF MINES
GOLDEN, COLORADO

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No. EI-9-8250-1

FOR THE

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1536 Cole Boulevard
Golden, Colorado 80401

A Division of Midwest Research Institute

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FOREWORD

Each decision regarding a process heat energy system for industry involves several groups with varying roles and responsibilities (see Figure 1). These groups are generally slow to accept new energy systems such as solar industrial process heat (IPH). Therefore, an important market development function for solar IPH is to undertake activities to increase the knowledge and acceptance of solar systems among these groups.

The purpose of this directory is to provide a basis for market development activities through a location listing of key trade associations, trade periodicals, and key firms for three target groups. Potential industrial users and potential IPH system designers were identified as the prime targets for market development activities. The bulk of the directory is a listing of these two groups. The third group, solar IPH equipment manufacturers, was included to provide an information source for potential industrial users and potential IPH system designers.

Chapter 1 lists trade associations and their publications for selected four-digit Standard Industrial Code (SIC) industries. Since industries requiring relatively lower temperature process heat probably will comprise most of the near-term market for solar IPH systems, the 80 SIC's included in this chapter have process temperature requirements less than 350°F. Some key statistics and a location list of the largest plants (according to number of employees) in each state are included for 15 of the 80 SIC's.

Chapter 2 lists architectural/engineering and consulting firms which are known to have solar experience. Professional associations and periodicals to which information on solar IPH systems may be directed also are included in this chapter.

Chapter 3 contains a listing of solar equipment manufacturers and their associations. The listing is based on the SERI Solar Energy Information Data Base (SEIDB).

This directory was compiled from what are believed to be most current data sources. However, much of the information will become outdated quickly as companies change and new organizations and publications emerge. To insure its continued usefulness, the directory will be revised periodically. Update sheets are included at the end of the directory for this purpose. The user of the directory who finds incorrect information, or information that should be added, is asked to complete an update sheet and return it to SERI. Revised directory pages will be sent to all persons who received a copy of the original directory from SERI.

This market development directory was compiled for the Solar Energy Research Institute by the Colorado School of Mines (CSM). The CSM principal investigator was Joseph C. Weber; while the CSM project director was Kirsten Williams. The CSM technical staff were Mike E. Brazie and William H. Jones and research assistants were Steve Smith, Marc Gunther, Don Ratcliff, and Alberto Becerra. Guidance for the effort was provided by Michael DeAngelis (SERI), Ken Brown (SERI), Pete Ketels, (SERI), Keith Turner (CSM), and Jay Burch (CSM).

Michael DeAngelis

Michael DeAngelis
Senior Industry Specialist

David L. Feasby

David L. Feasby, Branch Chief
Market Development Branch

Approved for
Solar Energy Research Institute

Jon M. Veigel, Assistant Director
Technology Commercialization Division

Figure 1. RELATIONSHIP BETWEEN DIFFERENT GROUPS WHICH HAVE VARIOUS DECISION - MAKING ROLES FOR SOLAR IPH SYSTEMS IN INDUSTRY

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1.0 END USERS OF SOLAR INDUSTRIAL PROCESS HEAT SYSTEMS (SOLAR IPH)

1.1 TARGET TRADE ASSOCIATIONS AND PUBLICATIONS

The following 80 4-digit SIC's have been identified as potential end users of Solar Industrial Process Heat Systems (SOLAR IPH): ^{1, 2}

<u>SIC</u>	<u>Industry</u>
1021	Copper Ores
1211	Bituminous Coal Ores and Lignite
1474	Potash, Soda, and Borate Minerals
1475	Phosphate Rock
1477	Sulfur
2011	Meat Packing Plants
2016	Poultry Dressing Plants
2022	Natural and Processed Cheese
2023	Condensed and Evaporated Milk
2026	Fluid Milk
2032	Canned Specialties
2033	Canned Fruits, Vegetables, Preserves, Jams, and Jellies
2034	Dried and Dehydrated Fruits, Vegetables, and Soup Mixes
2037	Frozen Fruits, Fruit Juices, and Vegetables
2046	Wet Corn Milling
2048	Prepared Feeds and Feed Ingredients for Animals and Fowls, not elsewhere classified
2051	Bread and Other Bakery Products, except cookies and crackers
2062	Cane Sugar Refining
2063	Beet Sugar
2075	Soybean Oil Mills
2077	Animal and Marine Fats and Oils
2079	Shortening, Table Oils, Margarine and Other Edible Fats and Oils, not elsewhere classified (NFC)
2082	Malt Beverages
2085	Distilled, Rectified, and Blended Liquors
2086	Bottled and Canned Soft Drinks and Carbonated Waters
2111	Cigarettes
2141	Tobacco Stemming and Redrying
2261	Finishers of Broad Woven Fabrics of Cotton
2262	Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk
2421	Saw Mills and Planing Mills
2435	Hardwood Veneer and Plywood
2436	Softwood Veneer and Plywood
2511	Wood Household Furniture, except Upholstered
2512	Wood Household Furniture, Upholstered
2611	Pulp Mills
2621	Paper Mills, except Building Paper Mills
2631	Paper Board Mills
2653	Corrugated and Solid Fiber Boxes

¹ Intertechnology Corporation, 1977, Analysis of the Economic Potential of Solar Thermal Energy to Provide Industrial Process Heat.

² Solar Energy Research Institute, 1979, Characterization of the Market for Solar IPH Systems (Preliminary Draft).

<u>SIC</u>	<u>Industry</u>
2661	Building Paper and Building Board Mills
2812	Alkalies and Chlorine
2816	Inorganic Pigments
2819	Industrial Inorganic Chemicals, NEC
2821	Plastic Materials, Synthetic Resins, and Nonvulcanizable Elastomers
2822	Synthetic Rubber
2823	Cellulosic Man-made Fibers
2824	Synthetic Organic Fibers, except Cellulosic
2831	Biological Products
2834	Pharmaceutical Preparations
2841	Soaps and Detergents
2851	Paints, Varnishes, Laquers, Enamels, and Allied Products
2865	Cyclic, Crudes, and Cyclic Intermediates, Dyes, and Organic Pigments
2869	Industrial Organic Chemicals, NEC
2873	Nitrogenous Fertilizers
2874	Phosphatic Fertilizers
2879	Pesticides and Agricultural Chemicals, NEC
2892	Explosives
2911	Petroleum Refining
2951	Paving Mixtures and Blocks
2952	Asphalt Felts and Coatings
3011	Tires and Inner Tubes
3079	Miscellaneous Plastic Products
3111	Leather Tanning and Finishing
3241	Cement, Hydraulic
3271	Concrete Block and Brick
3272	Concrete Products, except Block and Brick
3273	Ready-Mix Concrete
3275	Gypsum Products
3295	Minerals and Earths, Ground or Otherwise Treated
3296	Mineral Wool
3299	Nonmetal Mineral Products, NEC
3321	Gray Iron Foundries
3322	Malleable Iron Foundries
3324	Steel Investment Foundries
3325	Steel Foundries, NEC
3356	Rolling, Drawing, and Extruding of Nonferrous Metals, except Copper and Aluminum
3369	Nonferrous Foundries, NEC
3471	Electroplating, Plating, Polishing, Anodizing and Coloring
3479	Coating, Engraving, and Allied Services, NEC
3621	Motors and Generators
3711	Motor Vehicles and Passenger Car Bodies
3861	Photographic Equipment and Supplies

Trade associations and their publications for the previously listed SIC's are included in this section in numerical order of SIC.

References on next page.

References used for this section:

Encyclopedia of Associations, Vol. 1, National Organizations of the U.S., 12th Edition. Mary Wilson Pair, Editor, Gale Research Co., Detroit, Michigan, 1978.

National Trade & Professional Associations of the United States and Canada and Labor Unions, 12th Annual Edition, Craig Colgate, Jr., Editor, Columbia Books, Inc., Washington, D.C., 1977.

Starred (*) individuals have had prior contact with Solar Energy Research Institute.

Where no membership or publication information is listed, none was available in the above references.

1021 Copper Ores

American Society for Metals

Metals Park, Ohio 44073

(216) 338-5151

Allen Ray Putnam, Managing Dir.

40,000 members

Publications: Metal Progress, monthly
 Metallurgical Transactions A, monthly
 Metals Abstracts, monthly
 Metals Abstracts Index, monthly
 News, monthly
 Metallurgical Transactions B, quarterly
 Heat Treating Buyers Guide and Directory, annual

Copper Development Association

405 Lexington Ave., 57th floor

New York, New York 10017

(212) 953-7300

George M. Hartley, Dir.

78 firms

The Metallurgical Society of AIME

345 E. 47th St.

New York, New York 10017

(212) 644-7645

Alexander R. Scott, Exec. Secy.

6,000 members

Publications: Journal of Metals, monthly
 Transactions A, monthly
 Transactions B, quarterly

1211 Bituminous Coal Ores and Lignite

Bituminous Coal Operators Association

303 World Center Bldg.

918 16th St., N.W.

Washington, D.C. 20006

(202) 783-3195

Robert L. Vines, Secy. Treasurer

Bituminous Coal Research

350 Hochberg Rd.

Monroeville, Pennsylvania 15146

(412) 327-1600

James R. Garvey, Pres.

1211 Bituminous Coal and Lignite (cont'd)

National Coal Association
 1130 17th St., N.W.
 Washington, D.C. 20006
 (202) 628-4322
 Carl E. Bagge, Pres.
 250 firms
 Publications: Coal News, weekly
 Bituminous Coal Data, annual
 Coal Facts, biennial

The Society of Mining Engineers of AIME, Inc.
 550 Arapsee Dr.
 Salt Lake City, Utah 84108
 (801) 582-2744
 Claude L. Crowley, Exec. Secy.
 23,000 members
 Publications: Mining Engineering, monthly
 Mining Transactions, AIME, annual
 Transactions, quarterly

1477 Sulfur

The Society of Mining Engineers of AIME, Inc.
 550 Arapsee Dr.
 Salt Lake City, Utah 84108
 (801) 582-2744
 Claude L. Crowley, Exec. Secy.
 23,000 members
 Publications: Mining Engineering, monthly
 Mining Transactions, AIME, annual
 Transactions, quarterly

The Sulphur Institute
 1725 K St., N.W.
 Washington, D.C. 20006
 (202) 331-9660
 *David W. Bixby
 30 firms
 Publications: Sulphur in Agriculture, semiannual
 Sulphur Research and Development
 Technical Bulletins

2011 Meat Packing Plants

American Meat Institute
P. O. Box 3556
Washington, D. C. 20007
(703) 841-1030

*Richard Lyng, Pres.

1,017 firms

Publications: Financial Facts about the Meat Packing Industry,
annual
Meat Facts, annual
Meat Production Report
Newsletter

Meat Industry Supply and Equipment Association (or)

Meat Machinery Manufacturers Association

1900 Arch St.

Philadelphia, Pennsylvania 19103

(215) 564-3484

R. Franklin Brown, Jr., Exec. Secy.

MISEA 80 firms

MMMA 27 firms

National Independent Meatpackers Association

734 15th St., N.W.

Washington, D.C. 20005

(202) 347-1000

John G. Mohay, Pres.

650 firms

Publication: Bulletin, weekly

National Livestock and Meat Board

444 N. Michigan Ave.

Chicago, Illinois 60611

(312) 467-5520

David H. Stround, Pres.

25-30 organizations

Publications: Meat Board Reports, semimonthly
Annual Report

Western States Meat Packers Association

88 First St.

San Francisco, California 94105

(415) 982-2466

*Norman H. Maffit, V. Pres.

700 members

- 2022 Natural and Processed Cheese
- 2023 Condensed and Evaporated Milk
- 2026 Fluid Milk

American Dairy Association
 6300 N. River Rd.
 Rosemont, Illinois 60018
 (312) 696-1880
 *Alden R. Grimes, Exec. V. Pres.
 260,000 members
 Publication: Dairy Promotion, quarterly

Associated Independent Dairies of America
 P. O. Box 53
 Riverside, California 92502
 (714) 783-0111
 Lee Hodge, Pres.
 32 firms
 Publication: News, 1-2/month

Dairy and Food Industries Supply Association
 5530 Wisconsin Ave., N.W.
 Washington, D.C. 20015
 (301) 652-4420
 Fred J. Greiner, CAE, Exec. V. Pres.
 400 firms
 Publications: Reporter, monthly
 Technical Bulletin, monthly

Dairy Research, Inc.
 6300 N. River Rd.
 Rosemont, Illinois 60018
 (312) 696-1870
 *Dr. William W. Menz, Exec. V. Pres.
 11-15 associations
 Publication: Dairy Research Digest, monthly

Milk Industry Foundation
 910 17th St., N.W.
 Washington, D.C. 20006
 (202) 296-4250
 *R. Mulligan
 1,300 firms
 Publications: Milk Facts, annual
 Alert, irregular
 Summary for Milk Executives, irregular

2022 Natural and Processed Cheese

2023 Condensed and Evaporated Milk

2026 Fluid Milk (cont'd)

National Cheese Institute
110 N. Franklin St.
Chicago, Illinois 60606
(317) 243-9342
R. F. Anderson, Exec. Dir.
125 firms
Publication: Bulletin, semimonthly

National Dairy Council
6300 N. River Rd.
Rosemont, Illinois 60018
(312) 696-1020
Dr. Marvin S. Brink, Pres.
3,000 members

United Dairy Industry Association
6300 N. River Rd.
Rosemont, Illinois 60018
(312) 696-1860
John W. Sliter, Exec. V. Pres.
Publication: Dairy Industry, quarterly

2032 Canned Specialties

2033 Canned Fruits, Vegetables, Preserves, Jams, and Jellies

Council of Canning Association Executives
1133 20th St., N.W.
Washington, D. C. 20036
(202) 331-5941
Sheila M. Bamberger, Adm. Clerk
29 staff members of state and regional canning associations

Food Processing Machinery and Supplies Association
1828 L St., N.W., Suite 700
Washington, D.C. 20036
(202) 833-5770
W. Dewey Clower, Pres.
436 firms
Publications: Executive Update (newsletter), monthly
Trade Ops, bimonthly
Food Processors Guide, annual
Membership Roster, annual

2032 Canned Specialties

2033 Canned Fruits, Vegetables, Preserves, Jams, and Jellies (cont'd)

Glass Packaging Institute
1800 K St., N.W.
Washington, D.C. 20006
(202) 872-1280
William W. Sadd, Pres.
600 firms

National Food Processors Association
(formerly National Cannery Association)
1133 20th St., N.W.
Washington, D.C. 20036
(202) 331-5900
*Walter W. Rose
60 firms
Publication: Information Letter, weekly

2034 Dried and Dehydrated Fruits, Vegetables, and Soup Mixes

2037 Frozen Fruits, Fruit Juices, and Vegetables

American Frozen Food Institute
919 18th St., N.W.
Washington, D.C. 20006
(202) 296-4080
Thomas B. House, Pres.
550 members
Publications: Monthly Frozen Food Report
Weekly Frozen Food Report

Grocery Manufacturers of America
1425 K St., N.W.
Washington, D.C. 20005
(202) 638-6100
George W. Koch, Pres.
160 firms
Publications: Energy News, monthly
Food, quarterly
Prices and Profits, monthly

National Frozen Food Association
P. O. Box 398
Hershey, Pennsylvania 17033
(717) 534-1601
Richard C. Funk, Exec. V. Pres.
1,300 firms
Publication: Frozen Food Fact Book, annual

- 2034 Dried and Dehydrated Fruits, Vegetables, and Soup Mixes
- 2037 Frozen Fruits, Fruit Juices, and Vegetables (cont'd)
- National Prepared Frozen Food Processors Association
Box 594
Valley Stream, New York 11582
(516) 825-5575
Ron Weiner, Exec. Secy.
120 firms
Publication: Bulletin, bimonthly
- 2046 Wet Corn Milling
- Corn Refiners Association
1001 Connecticut Ave., N.W.
Washington, D.C. 20036
(202) 331-1197
Robert C. Liebnow, Pres.
11 firms
- 2048 Prepared Feeds and Feed Ingredients for Animals and Fowls,
Not Elsewhere Classified
- American Dehydrators Association
5800 Foxridge Dr.
Mission, Kansas 66202
(913) 831-0600
Kenneth D. Smith, Exec. V. Pres.
150 firms
Publication: Bulletin, weekly
- American Feed Manufacturers Association
1701 N. St. Myer Dr.
Arlington, Virginia 22209
(703) 524-0810
Oakley M. Ray, Pres.
700 members
- 2051 Bread and Other Bakery Products, Except Cookies and Crackers
- Allied Trades of the Baking Industry
5240 W. Irving Park Rd.
Chicago, Illinois 60641
(312) 283-8688
Arthur R. Swanson, Secy. Treas.
1,500-1,600 members
Publication: The Allied Tradesman, annual

2051 Bread and Other Bakery Products, Except Cookies and Crackers (cont'd)

American Bakers Association
 2020 K St., N.W.
 Washington, D.C. 20006
 (202) 296-5800
 *R. Wager

American Institute of Baking
 P. O. Box 1448
 Manhattan, Kansas 66502
 (913) 537-4850
 Publications: Institute News, bimonthly
 Bulletins on Research and Sanitation

American Society of Bakery Engineers
 2 N. Riverside Plaza
 Chicago, Illinois 60606
 (312) 332-2246
 Robert Fischer, Secy.
 3,000 members
 Publications: E.I.S. Bulletins
 Technical Bulletins
 Proceedings, annual

Associated Retail Bakers of America
 Presidential Bldg., Suite 250
 6525 Belcrest Rd.
 Hyattsville, Maryland 20782
 (301) 277-0990
 Richard C. Gohla, Exec. V. Pres.
 2,142 members
 Publications: Freshly Baked, monthly
 Donut Specifics

Quality Bakers of America Cooperative, Inc.
 1515 Broadway
 New York, New York 10036
 (212) 790-9308
 R. L. Schaus, Pres.
 130 firms

2062 Cane Sugar Refining

American Sugar Cane League of the U.S.A., Inc.
 416 Whitney Bldg.
 New Orleans, Louisiana 70130
 (504) 525-3956
 Gilbert Duibin, Vice Pres. and Gen. Mgr.
 4,000 members
 Publication: The Sugar Bulletin, semimonthly

U.S. Cane Sugar Refiners Association
 1001 Connecticut Ave.
 Washington, D.C. 20036
 (202) 331-1458

*Nick Kominus

2063 Beet Sugar Refining

Farmers and Manufacturers Beet Sugar Association
 470 Plaza North
 Saginaw, Michigan 48603
 (517) 792-1531
 Perc A. Reeve, Exec. Dir.
 5,000 members

U.S. Beet Sugar Association
 1156 1th St., N.W.
 Washington, D.C. 20005
 (202) 296-4820
 V. Olsen

2075 Soybean Oil Mills

American Soybean Association
 P. O. Box 158
 Hudson, Indiana 50643
 (319) 988-3295
 Ren Bader, Chief Exec. Officer
 26,000 members

2077 Animal and Marine Fats and Oils

National Renderers Association, Inc.
 3150 Des Plaines Ave.
 Des Plaines, Illinois 60018
 (312) 827-8151
 Dean A. Specht, Exec. Dir.
 500 members
 Publication: N.R.A. Newsletter, monthly
 Spectrum, annual

2082 Malt Beverages2085 Distilled, Rectified, and Blended Liquors

Distilled Spirits Council of the United States, Inc.
 1300 Pennsylvania Ave., N.W.
 Washington, D.C. 20004
 (202) 628-3544
 Malcolm E. Harris, Pres.
 45 firms

Master Brewers Association of the Americas
 4513 Vernon Blvd.
 Madison, Wisconsin 53705
 (608) 231-3446
 Daniel C. Sommers, Exec. Secy.
 3,700 members
 Publications: M.B.A.A. Communications, bimonthly
 M.B.A.A. Technical Quarterly

2086 Bottled and Canned Soft Drinks and Carbonated Waters

National Soft Drink Association
 1101 16th St., N.W.
 Washington, D. C. 20036
 (202) 822-2450
 Thomas F. Baker, Pres.
 2,300 firms
 Publication: NSDA Bulletin, monthly

Society of Soft Drink Technologists
 1101 16th St., N.W.
 Washington, D.C. 20036
 (202) 822-2450
 Harry E. Korab, Secy. Treas.
 700 members

2111 Cigarettes2141 Tobacco Stemming and Redrying

The Tobacco Institute
 1776 K St., N.W.
 Washington, D.C. 20006
 (212) 457-4800
 Horace R. Kornegay, Pres.
 15 firms

Publication: The Tobacco Observer, quarterly

Tobacco Merchants Association of the United States
 Statler Hilton, 7th Ave. & 33rd St.
 New York, New York 10001
 (212) 239-4435

Marvin K. Bloom

Publications: International Tobacco Report, monthly
 Leaf Bulletin, weekly
 Tobacco Trade Barometer, monthly
 Tobacco Update, quarterly

2261 Finishers of Broad Woven Fabrics of Cotton

American Textile Manufacturers Institute
 Suite 1001, 1150 17th St., N.W.
 Washington, D.C. 20036
 (202) 833-9420
 W. Ray Shockley, Exec. V. Pres.
 300 firms

Cotton Council International
 P. O. Box 12443
 1918 N. Pkwy.
 Memphis, Tennessee 38112
 (901) 276-2783
 Albert Russell, Exec. V. Pres.
 2,300 firms

Publication: U.S. Cotton Handbook, annual

National Cotton Council of America
 1918 N. Pkwy.
 Memphis, Tennessee 38112
 (901) 276-2783
 Albert Russell, Exec. V. Pres.
 282 delegates
 Publication: Cotton Week

2262 Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk

American Textile Manufacturers Institute
Suite 1001
1150 17th St., N.W.
Washington, D.C. 20036
(202) 833-9420
W. Ray Shackley, Exec. V. Pres.
300 firms

2421 Saw Mills and Planing Mills

2435 Hardwood Veneer and Plywood

2436 Softwood Veneer and Plywood

American Plywood Association
1119 A St.
Tacoma, Washington 98401
(206) 272-2283
Bunson Lewis, Exec. V. Pres.
175 firms

Forest Products Research Society
2801 Marshall Court
Madison, Wisconsin 53705
(608) 231-1361
Arthur B. Brauner, Exec. V. Pres.
5,000 members
Publications: Forest Products Journal, monthly
Wood Science, quarterly
Abstract Service

Hardwood Plywood Manufacturers Association
P. O. Box 6246
Arlington, Virginia 22206
(703) 671-6262
Clark E. McDonald, Managing Dir.
154 firms

Hardwood Research Council
P. O. Box 131
Asheville, North Carolina 28802
(704) 254-2682
Nicholas C. Weidhaas, Pres.
200 members

- 2421 Saw Mills and Planing Mills
- 2435 Hardwood Veneer and Plywood
- 2436 Softwood Veneer and Plywood (cont'd)

National Association of Independent Lumbermen
 1901 N. Ft. Meyer Dr.
 Suite 903
 Arlington, Virginia 22209
 (703) 525-1216
 Robert Robertson, Exec. V. Pres.
 650 firms

National Forest Products Association
 1619 Massachusetts Ave., N.W.
 Washington, D.C. 20036
 (202) 332-1050
 Ralph D. Hodges, Jr.
 30 associations

National Hardwood Lumber Association
 332 S. Michigan Ave.
 Chicago, Illinois 60604
 (312) 427-2811
 E. Howard Gatewood, Secy.
 1,500 firms
 Publications: Newsletter, monthly
 Yearbook

Northeastern Lumber Manufacturers Association
 Four Fundy Rd.
 Falmouth, Maine 04105
 (207) 781-2252
 William James Kidd, Exec. Secy.
 165 firms
 Publication: Information Log, monthly

Northern Hardwood and Pine Manufacturers Association
 Northern Bldg., Suite 501
 Green Bay, Wisconsin 54301
 (414) 432-9161
 Thomas P. Brogan, Exec. V. Pres.
 100 firms
 Publication: Newsletter, annual

Pacific Logging Congress
 217 American Bank Bldg.
 Portland, Oregon 97205
 (503) 228-7971
 Carwin A. Woolley, Exec. V. Pres.
 1,500 firms

- 2421 Saw Mills and Planing Mills
- 2435 Hardwood Veneer and Plywood
- 2436 Softwood Veneer and Plywood (cont'd)

Plywood Research Foundation
1119 A St.
Tacoma, Washington 98401
(206) 272-2283
W. D. Page, Secy.
Affiliated with The American Plywood Association

Society of Wood Science and Technology
P. O. Box 5062
Madison, Wisconsin 53705
(608) 257-2211
William T. Simpson, Exec. Secy.
480 members
Publications: SWST Newsletter, bimonthly
Wood and Fiber, quarterly

Southeastern Lumber Manufacturers Association
P. O. Box 87175
College Park, Georgia 30337
(404) 768-4646
John C. Milliner, Exec. V. Pres.
353 firms
Publications: Newsletter
Statistical Reports

Southern Hardwood Lumber Manufacturers
805 Sterick Bldg.
Memphis, Tennessee 38103
(905) 525-8221
George C. Kelley, Exec. V. Pres.
73 firms

Timber Producers Association of Michigan and Wisconsin
Tomahawk, Wisconsin 54478
(715) 453-5159
Carl F. Theiler, Exec. Secy. and Mgr.
600 firms
Publication: Timber Producer, monthly

Timber Products Manufacturers
951 E. Third Ave.
Spokane, Washington 99202
(509) 535-4646
George C. Tichy, Mgr., Secy. and Coun.
290 firms
Publication: Bulletin, weekly

- 2421 Saw Mills and Planing Mills
 2435 Hardwood Veneer and Plywood
 2436 Softwood Veneer and Plywood

Western Forest Industries Association
 1500 S.W. Taylor
 Portland, Oregon 97205
 (503) 224-5455
 Joseph W. McCracken, Exec. V. Pres.
 100 firms
 Publication: Out of the Woods (newsletter), weekly

Western Timber Association
 311 Sutter St.
 San Francisco, California 94108
 (415) 956-0410
 George A. Craig, Exec. V. Pres.
 50 sawmill operators

Western Wood Products Association
 Yeon Bldg.
 Portland, Oregon 97204
 (503) 224-3430
 H. A. Roberts, Exec. V. Pres.
 250 firms

- 2511 Household Furniture, Except Upholstered
 2512 Wood Household Furniture, Upholstered

National Association of Furniture Manufacturers
 8401 Connecticut Ave.
 Suite 911
 Washington, D.C. 20015
 (301) 657-4442
 John M. Snow, Exec. V. Pres.
 500 members
 Publication: Furniture Executive, monthly

Southern Furniture Manufacturers Association
 P. O. Box 2436
 High Point, North Carolina 27261
 (919) 885-5065
 P. Douglas Kerr, Exec. V. Pres.
 300 firms
 Publication: Who's Who in the Southern Furniture Industry,
 annual

- 2611 Pulp Mills
- 2621 Paper Mills, Except Building Paper Mills
- 2631 Paper Board Mills
- 2653 Paper Board Boxes
- 2661 Building Paper

American Paper Institute
260 Madison Ave.
New York, New York 10016
(212) 340-0600

*Jeff Duke
200 firms
Publications: API REPORT, weekly
Statistics of Paper, annual

American Pulpwood Association
1619 Massachusetts Ave., N.W.
Washington, D.C. 20036
K.S. Rolston, Exec. V. Pres.
350 firms
Publications: Pulpwood Highlights, monthly
Technical Releases, monthly
Pulpwood Annual

Fibre Box Association
224 S. Michigan Ave.
Chicago, Illinois 60604
(312) 663-0250
*Al Hoffman
175 firms

Gulfcoast Pulpwood Association
P.O. Box 100
Forest Home, Alabama 36030
James Simmons, Pres.
8,000 members
Publication: Gulfcoast Pulpwood News

Institute of Paper Chemistry
1043 E. South River St.
Appleton, Wisconsin 54911
(414) 734-9251
Harry A. Posner, Jr., Pres
75 firms
Publication: Abstract Bulletin, annual

- 2611 Pulp Mills
- 2621 Paper Mills, Except Building Paper Mills
- 2631 Paper Board Mills
- 2653 Paper Board Boxes
- 2661 Building Paper (cont'd.)

National Paper Box Association
 231 Kings Highway E.
 Haddonfield, New Jersey 08033
 (609) 429-7377
 Robert Schaeffer

National Paper Trade Association
 420 Lexington Ave.
 New York, New York 10017
 (212) 682-2570
 John Buckley, Jr., Exec. Secy.
 1,700 firms

Pulp and Paper Manufacturers Association
 1001 Connecticut Ave., N.W., Rm. 910
 Washington, D.C.
 (202) 785-4185
 E.L. Stewart, Exec. Secy.
 100 firms

Technical Association of the Pulp and Paper Industry
 One Dunwoody Ave.
 Atlanta, Georgia 30341
 (404) 394-6130
 Philip Nethercut, Exec. Dir.
 15,000 members
 Publications: TAPPI, monthly
 Yearbook

- 2812 Alkalies and Chlorine

Chlorine Institute
 342 Madison Ave.
 New York, New York 10017
 (212) 682-4324
 Robert L. Mitchell, Jr., Exec. Dir.

2816 Inorganic Pigments

National Paint and Coatings Association
 1500 Rhode Island Ave., N.W.
 Washington, D.C. 20005
 (202) 462-6272
 Robert Roland, Pres.
 1,000 members
 Publications: Abstract Review, monthly
 Coatings, semimonthly

2819 Industrial Inorganic Chemicals, NEC

Aluminum Association
 818 Connecticut Ave., N.W.
 Washington, D.C. 20006
 (202) 862-5100
 S. L. Goldsmith, Jr., Pres.
 89 firms
 Publications: World Aluminum Abstracts, monthly
 Aluminum Statistical Review, annual
 Aluminum Standards and Data, biennial

Aluminum Recycling Association
 900 17th St., N.W., Suite 504
 Washington, D.C. 20006
 (212) 785-0550
 Richard M. Cooperman, Exec. Dir.
 33 firms

2821 Plastic Materials, Synthetic Resins, and Non-Vulcanizable
Elastomers

Society of Plastics Engineers
 656 W. Putnam Ave.
 Greenwich, Connecticut 06830
 (203) 661-4770
 Robert Forger, Exec. Dir.
 20,000 members
 Publications: Polymer Engineering and Science, monthly
 Plastics Engineering, monthly

2821 Plastic Materials, Synthetic Resins, and Non-Vulcanizable
Elastomers (cont'd)

Society of the Plastics Industry
355 Lexington Ave.
New York, New York 10017
(212) 573-9400

*John Lawrence

1,400 firms

Publications: Proceedings of Conferences
Plastics Engineering Handbook

2822 Synthetic Rubber

Rubber Manufacturers Association
1901 Pennsylvania Ave., N.W.
Washington, D.C. 20006
(202) 785-2602

Malcolm Lovell, Jr., Pres.

190 members

Publications: Rubber Highlight, monthly

2823 Cellulosic Man-Made Fibers

2824 Synthetic Organic Fibers, Except Cellulosic

American Textile Manufacturers Institute
Suite 1001, 1150 17th St., N.W.
Washington, D.C. 20036
(202) 833-9420

F. S. Love, Secy. Treas.

300 firms

Publications: Textile Trends, weekly
ATMI Bulletins
Textile Highlights, quarterly

2831 Biological Products

Drug, Chemical, and Allied Trades Association
42-40 Bell Blvd.
Bayside, New York 11361
(212) 229-8891

Joseph Madden, Exec. V. Pres.

500 firms

Publications: Digest of Current Activities & Trends,
bimonthly

2831 Biological Products (cont'd)

Parenteral Drug Association
 Western Savings Bank Bldg.
 Broad & Chestnut Sts.
 Philadelphia, Pennsylvania 19107
 (215) 735-9752
 Solomon C. Pflag, Adm. Dir.
 Publications: PDA Letter, monthly
 Journal of PDA, bimonthly

2834 Pharmaceutical Preparations

American Chemical Society, Medicinal Division
 1155 16th St., N.W.
 Washington, D.C. 20036
 (202) 872-4600
 Robert W. Cairns, Exec. Dir.
 105,000-110,000 members
 Publications: Biochemistry, biweekly
 Chemical and Engineering News, weekly
 I&EC Process Design and Development, quarterly
 Journal of Chemical and Engineering Data

American Institute of Chemical Engineers; Pharmaceutical Div.
 345 E. 47th St.
 New York, New York 10017
 (212) 644-8025
 E. J. VanAntwerpen, Exec. Dir.
 40,000 members
 Publications: AIChE Journal, bimonthly
 Chemical Engineering Progress, monthly
 Symposium Series

American Pharmaceutical Association
 2215 Constitution Ave., N.W.
 Washington, D.C. 20009
 (202) 628-4410
 Dr. William Apple, Exec. Dir.
 55,000 members
 Publications: APhA Newsletter, weekly
 Journal, monthly

Drug Chemical and Allied Trades Association
 42-50 Bell Blvd.
 Bayside, New York 11361
 (212) 229-8891
 Joseph D. Madden, Exec. Vice Pres.
 500 firms
 Publication: Digest of Current Activities

2834 Pharmaceutical Preparations (cont'd)

Manufacturing Chemists Association
1825 Connecticut Ave., N.W.
Washington, D.C. 20009
(202) 483-6126
William Driver, Pres.
175-200 firms

National Pharmaceutical Council
1030 15th St., N.W.
Washington, D.C. 20005
(202) 659-2121
Vernon Trygstad, Pres.
25 firms

Parenteral Drug Administration
Western Savings Bank Bldg.
Broad & Chestnut Sts.
Philadelphia, Pennsylvania 19107
(215) 735-9752
Solomen Pflag, Adm. Dir.
1,200 members
Publications: PDA Letter, monthly
 Journal of PDA, bimonthly

Pharmaceutical Manufacturing Association
1155 15th St., N.W.
Washington, D.C. 20005
(202) 296-2440
James O'Brien
120 firms
Publications: Bulletin, monthly
 Newsletter, weekly

Proprietary Association
1700 Pennsylvania Ave., N.W.
Washington, D.C. 20005
(202) 383-1700
James D. Cope, Pres.
87 firms

2841 Soaps and Detergents

The Soap and Detergent Association
 475 Park Ave. South
 New York, New York 10016
 (212) 725-1252
 Theodore Brenner, Pres.

2851 Paints, Varnishes, Laquers, Enamels, and Allied Products

National Paint and Coatings Association
 1500 Rhode Island Ave., N.W.
 Washington, D.C. 20005
 (202) 462-6272

*Bob Nelson
 1,000 firms
 Publications: Coatings (newsletter)
 Annual Report

Paint Research Institute
 C/O Department of Chemistry
 Kent State University
 Kent, Ohio 44242
 (216) 672-2034
 Raymond R. Myers, Res. Dir.
 15 directors
 Publications: Journal of Coatings Technology, monthly
 Annual Report

2865 Cyclic Crudes and Cyclic Intermediates, Dyes, and Organic Pigments

American Dye Manufacturers Institute
 One E. 57th St.
 New York, New York 10022
 (212) 421-9390
 Ernest S. Meyers, Exec. Dir.
 23 firms

Dry Color Manufacturers Association
 1117 N. 19th St.
 Rosslyn, Virginia 22209
 (201) 667-3011
 J. Lawrence Robertson, Exec. Dir.
 34 firms

2869 Industrial Organic Chemicals, NEC

Manufacturing Chemists Association
 1825 Connecticut Ave., N.W.
 Washington, D.C. 20009
 (202) 483-6126
 Henry Sauer

Synthetic Organic Chemical Manufacturers Association
 1075 Central Park Ave.
 Scarsdale, New York 10583
 (914) 725-1492
 Ronald A. Lang, Exec. Dir.
 90 firms
 Publication: Monthly Newsletter

2873 Nitrogenous Fertilizers2874 Phosphatic Fertilizers2879 Pesticides and Agricultural Chemicals, NEC

National Agricultural Chemicals Association
 Suite 514, Madison Bldg.
 1155 15th St., N.W.
 Washington, D.C.
 (202) 296-1585
 *Jim Mills
 125 firms

National Fertilizer Solutions Association
 405 Main St., Suite 910
 Peoria, Illinois 61602
 (309) 691-2870
 Richard L. Gilliland, Exec. Dir.
 1,300 members
 Publications: Solutions, bimonthly
 Liquid Reporter, monthly

Potash/Phosphate Institute
 1649 Tullie Circle, N.E.
 Atlanta, Georgia 30324
 (404) 634-4274
 R. E. Wagner, Pres.
 17 member firms
 Annual budget over \$1 million
 Publication: Better Crops with Plant Food, quarterly

- 2873 Nitrogenous Fertilizers
- 2874 Phosphatic Fertilizers
- 2879 Pesticides and Agricultural Chemicals, NEC (cont'd)

The Fertilizer Institute
 1015 18th St., N.W.
 Washington, D.C. 20036
 (202) 466-3700
 *Dr. William White
 300 firms
 Publication: Fertilizer Progress, bimonthly

Western Agricultural Chemicals Association
 3120 O St., Sacramento, California 95816
 (916) 455-9611
 Ivan Smith, Gen. Mgr.
 155 members
 Publication: Newsletter, monthly

2892 Explosives

Bureau of Explosives
 1920 L St., N.W.
 Washington, D. C. 20036
 (202) 293-4048
 R. M. Graziano, Dir.
 Publication: Tariff, annual

Institute of Makers of Explosives
 420 Lexington Ave.
 New York, New York 10017
 (212) 986-6920
 Harry L. Hampton, Jr., Exec. Dir.
 13 Corp. members

2911 Petroleum Refining

American Petroleum Institute
 2101 L St., N.W.
 Washington, D.C. 20037
 (202) 457-7000
 Frank N. Ikard, Pres.
 250-275 Companies, 1,000 ind. members

2911 Petroleum Refining (cont'd)

American Petroleum Refiners Association
 1110 Ring Building
 1200 18th St., N.W.
 Washington, D.C. 20036
 (202) 331-7081
 Robert E. Plett, Exec. Secy.
 48 Refiners

Independent Refiners Association of America
 1801 K St., N.W.
 Suite 1101
 Washington, D.C. 20006
 (202) 466-2340
 Edwin Jason Dryer, Gen. Counsel
 40 Refiners

National Petroleum Refiners Association
 1725 De Sales St., N.W.
 Suite 802
 Washington, D.C. 20036
 (202) 638-3722
 Donald C. O'Hare, Pres.
 150 members

Western Oil and Gas Association
 609 S. Grand Ave.
 Los Angeles, California 90017
 (213) 624-6386
 A. O. Spaulding, V. Pres.
 100 members

2951 Paving Mixtures and Blocks

American Road and Transportation Builders Assoc.
 525 School St., S.W.
 Washington, D.C. 20024
 (202) 737-5440
 Daniel J. Hanson, Sr., Sr. Exec. V.P.
 5,600 members
 Publications: Newsletter, weekly
 American Transportation Builder, monthly

Association of Asphalt Paving Technologists
 155 Experimental Engineering Building
 University of Minnesota
 Minneapolis, Minnesota 55455
 (612) 373-2518
 Eugene L. Skok, Secy. Treas.
 900 members
 Publication: Asphalt Paving Technology, annual

2951 Paving Mixtures and Blocks (cont'd)

National Asphalt Pavement Association
 6811 Kentworth Ave.
 Riverdale, Maryland 20840
 (301) 779-4880
 John Gray, Pres.
 900 Corp. members
 Publications: Newsletter, quarterly
 Paving Forum, quarterly

2952 Asphalt Felts & Coatings

Asphalt Institute
 Asphalt Institute Bldg.
 College Park, Maryland 20740
 (301) 927-0422
 Eugene M. Johnson, Pres.
 54 corp. members
 Publication: Asphalt, quarterly

3011 Tires and Inner Tubes

American Retreaders Association
 P. O. Box 17203
 Louisville, Kentucky 40217
 (502) 367-9133
 E. J. Wagner, Man. Dir.
 1,000 companies membership
 Publications: Retreaders' Journal

National Tire Dealer and Retreaders Association
 1343 St., N.W.
 Washington, D.C. 20005
 (202) 638-6650
 Keith Jefferson, Exec. V.Pres.

30/9 Miscellaneous Plastic Products

National Association of Plastic Fabricators
 4720 Montgomery Lane
 Suite 710
 Washington, D.C. 20014
 (301) 656-8874
 Hill Wettrich, Exec. Dir.
 Publications: NAPF News, monthly
 Plastic Laminator, monthly

3079 Miscellaneous Plastic Products (cont'd)

Organization of Plastics Processors
 1709 New York Ave., N.W.
 Washington, D.C. 20006
 (202) 659-9083
 Rita Castle, Admin.
 200 companies membership
 Publications: TOPP News, monthly
 Legislative Bulletin

Plastics Pipe Institute
 355 Lexington Ave.
 New York, New York 10017
 (212) 573-9400
 Raymond Durazo, Exec. Dir.
 100 members

Plastic and Metal Products Institute
 1133 Broadway
 New York, New York 10010
 (212) 242-1898
 Sheldon M. Edelman, Exec. Dir.
 200 members

3111 Leather Tanning and Finishing

Leathercraft Guild
 P. O. Box 961
 Monrovia, California 91016
 (213) 864-2420
 John Pattison, Pres.
 320 members
 Publications: Leathercraft Newsletter, monthly

National Hide Association
 2237 North Lincoln Ave.
 Chicago, Illinois 60614
 (312) 953-3077
 John Minnock, Pres.
 Publications: NHA Bulletin, monthly

Tanners' Council of America
 411 Fifth Ave.
 Suite 1002
 New York, New York 10016
 (212) 686-7950
 Eugen Kelek, Pres.
 350 companies membership
 Publications: Council News, weekly,
 Foreign Trade Data, monthly
 Hide and Skin Outlook, monthly
 Industry Statistics, monthly

3241 Cement, Hydraulic

3271 Concrete Block & Brick

National Concrete Masonry Association
6845 Elm St.
McLean, Virginia 22101
(703) 790-8650

*Tom Redmond, Engineer
700 firms

National Precast Concrete Association (or)
Architectural Precast Association
825 E. 64th St.
Indianapolis, Indiana 64220
(317) 251-1214
Robert W. Walton, Exec. Dir.
NPCA - 615 firms
APA - 62 firms

3273 Ready Mix Concrete

American Concrete Institute
P.O. Box 19150
Redford Sta.
Detroit, Michigan 48219
(313) 532-2600
George Leyh, Exec. Sec.
16,000 ind. & 600 firms
Publications: Journal of the American Concrete Institute, monthly
Concrete Abstracts, bimonthly

National Lime Association
5010 Wisconsin Ave.
Washington, DC 20016
(202) 966-3418
George A. Zeigler, Mgr., Gov't. Relations

National Ready Mix Concrete Association
6845 Elm St.
Silver Spring, Maryland 20910
(301) 587-1400
Charles E. Hawkins III, Dir. Gov't. Relations
1000 members

Portland Cement Association
Old Orchard Rd.
Skokie, Illinois 60076
(312) 966-6200
Dr. W.R. Greening, Dir. Basic Research
50 firms

3275 Gypsum Products

Gypsum Association
1603 Orrington Ave.
Evanston, Illinois 60201
(312) 491-1744
*F.J. Rogers

3295 Minerals and Earths, Ground or Otherwise Treated

Clay Minerals Society
c/o Dr. Brij J. Sawhney
Connecticut Agricultural Experimental Station
New Haven, Connecticut 06504
(203) 787-7421
Dr. B.L. Sawhney
650 members
Publications: Clay & Clay Minerals, bimonthly
Newsletter, semiannual

Perlite Institute
45 W. 45th
New York, New York 10036
(212) 265-2145
Robert S. Milanese, Mng. Dir.
78 firms

Sorptive Minerals Institute
111 E. Wacker Dr.
Chicago, Illinois 60601
(312) 644-6610
Thomas E. Young, Exec. Dir.

Vermiculite Association
52 Executive Park St.
Atlanta, Georgia 30329
(404) 321-7994
John M. Riedl
Publication: Vermiculite Association Letter

Wet Ground Mica Association
60 Rock Harbor Rd.
Orleans, Massachusetts
(203) 426-5958
Elizabeth Clarkson, Pres.
5 firms

3296 Mineral Wool

National Mineral Wool Insulation Association
 382 Springfield Ave.
 Summit, New Jersey 07901
 (201) 277-1550
 Sheldon Cody, Exec. V.Pres.
 8 members
 Publication: Insulation Reporter, quarterly

Thermal Insulation Manufacturers Association
 7 Kirby Plaza
 Mt. Kisco, New York 10549
 (914) 241-2284
 John Barnhart, Exec. Dir.
 12 members

3299 Nonmetal Mineral Products, NEC3321 Gray Iron Foundries3322 Malleable Iron Foundries

American Die Casting Institute
 2340 Des Plaines Ave.
 Des Plaines, Illinois 60018
 (312) 298-1220
 *R.C. Cornell
 200 firms
 Publication: Custom Die Caster, quarterly

American Foundrymens Society
 Golf and Wolf Roads
 Des Plaines, Illinois 60016
 (312) 824-0181
 *Paul Powers

Die Casting Research Foundation
 2340 Des Plaines Ave.
 Des Plaines, Illinois 60018
 (312) 298-1220
 P.A.R. Findlay, Exec.V.Pres.
 200 firms

Iron Castings Society
 Cast Metals Foundation Bldg.
 20611 Center Ridge Rd.
 Rocky River, Ohio 44116
 (216) 333-9600
 D.H. Workman, Exec.V.Pres.
 250 firms
 Publications: Ironcaster, montly
 Gray and Ductile Iron News, monthly

- 3321 Gray Iron Foundries
 3322 Malleable Iron Foundries (cont'd)

Iron and Steel Society (of AIME)
 345 E. 47th St.
 New York, New York 10017
 (212) 644-7641
 Lawrence Kuhn, Exec.Sec.
 3700 members
 Publications: Iron and Steelmaker, monthly
 Proceedings of Technical Divisions, annual

- 3356 Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum

Non-ferrous Founders Society
 21010 Center Ridge Rd.
 Cleveland, Ohio 44116
 (216) 333-2072
 Benjamin Imburgia, Adm.V.Pres.
 225 firms
 Publication: Crucible, bimonthly

- 3471 Electroplating, Plating, Polishing, Anodizing and Coloring
 3479 Coating, Engraving, and Allied Service, NEC

American Hot Dip Galvanizers Association
 1000 Vermont Ave., N.W.
 Washington, DC 20005
 (202) 628-4634
 Raymond Lloyd, Exec.Sec.
 120 firms
 Publications: Newsletter, monthly
 Technical Literature

Association of Industrial Metallizers, Coaters, & Laminators
 61 Blue Ridge Road
 Wilton, Connecticut 06897
 (203) 762-5611
 William A. Trpph, Exec. Dir.
 55 members
 Publication: Newsletter Quarterly

- 3471 Electroplating, Plating, Polishing, Anodizing and Coloring
 3479 Coating Engraving, and Allied Service, NEC (cont'd)

National Association of Metal Finishers

22 South Park St.

Montclair, New Jersey 07042

(201) 746-8933

P. Peter Kovatic, Exec.Dir.

979 members

Publications: Finisher's Management, monthly

National Association of Pipe Coating Applicators

2504 Flournoy-Lucas Rd.

Shreveport, Louisiana 71118

(318) 686-4520

L.B. Irish, Mng. Dir.

80 members

National Coil-Coaters Association

1900 Arch St.

Philadelphia, PA 19103

(215) 564-4384

Thomas A. Fernley III, Exec.Dir.

170 firms

Publication: Newsletter, monthly

Society of Vacuum Coaters

P.O. Box 3095

Cleveland, OH 44117

(216) Unlisted

Robert G. Lux, Sec.Tres.

250 firms

- 3621 Motors and Generators

Electrical Generating Systems Marketing Association

435 N. Michigan Ave.

17th Floor

Chicago, IL 60611

(312) 644-0828

Glenn Rostrom, Exec.Dir.

140 firms

Publication: Marketer, bimonthly

3711 Motor Vehicles and Passenger Car Bodies

American Society of Body Engineers
19302 Grand River Ave.
Detroit, MI 48223
(313) 537-4900
Robert Spence, Sec.
600 members

Society of Automotive Engineers
400 Commonwealth Dr.
Warrendale, PA 15096
(412) 776-4841
Joseph Gilbert, Sec. & Gen. Mgr.
30,000 members
Publications: Automotive Engineering, monthly
SAE Handbook, annual

3861 Photographic Equipment and Supplies

National Association of Photographic Manufacturers
600 Mamaroneck Ave.
Harrison, NY 10528
(914) 698-7603
Joseph T. Morris, Exec.V.Pres.
50 firms

Photographic Manufacturers and Distributors Association
866 United Nations Plaza
New York, NY 10017
(212) 688-3520
Norman C. Lipton, Exec.Mgr.
68 firms

1.2 SELECTED SOLAR IPH USER INDUSTRIES

To limit the number of firms to be included in the directory the following employment cut-offs were used for the fifteen (15) selected SIC's.

<u>SIC</u>	<u>Employees</u>
2011	100
2022	100
2026	200
2033	300
2037	200
2051	300
2421	300
2621	300
2834	300
2879	100
2951	200
3271	200
3324, 3325	500
3471	200
3861	100

These cutoffs were modified as follows.

In states where only a few plants were located, the plants with the largest number of employees were included. Also, in sun-belt states, the cut-offs were lowered to include more firms. If available, employment figures were included, which illustrate the lowered cut-offs.

Starred (*) individuals have had prior contacts with Solar Energy Research Institute.

The total number of plants per state will be listed in parentheses after each state.

1.21

SIC 2011

MEAT PACKING PLANTS

1.211 KEY STATISTICS FOR SIC 2011

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Cleanup	140°F	1
<u>Current Heat Source(s)</u>		
Water	120°F - 160°F	2
Steam (water)	100°F - 200°F	2
<u>Total Energy Consumption (1972)</u>		
91.47 trillion BTU/year		3
Total no. of plants in U.S.	2463	4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity, Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

2.212 Plant Directory for SIC 2011 Firms.

ALABAMA (80 plants)

Frosty Land Foods International Inc.
Lorenz International, Suc. Div.
4530 Mobile Hwy.
Montgomery, AL 36108
(205) 288-8660
L. Neuhooff, Pres.
Emp. 201-250

Lauderdale Farms Co., Inc.
Div. of Consolidated Foods Corp.
700 S. Wood St.
Florence, AL 35630
(205) 764-6631
L. Kramer, Pres.
Emp. 201-250

Sunnyland Foods, Inc.
808 Ross Clark Circle, N.E.
P.O. Box 370
Dothan, AL 36301
(205) 792-4151
J.H. Braswell, Gen. Mgr.
Emp. 301-350

Zeigler Co., Inc.
2001 3rd Ave.
P.O. Drawer A
Bessemer, AL 35020
(205) 425-5251
J.M. Trotman, Jr., Plant Mgr.
Emp. 101-150

Zeigler Co., Inc.
12 S. Plant St.
P.O. Box 367
Selma, AL 36701
(205) 874-8218
K. Boteler, Plant Mgr.
Emp. 151-200

Zeigler Co., Inc.
Greensboro Rd.
P.O. Box 1640
Tuscaloosa, AL 35401
(205) 758-3621
R.F. Childs, Pres.
Emp. 151-200

ARIZONA (20 plants)

Cudahy Foods Co.
4601 E. VanBuren
Phoenix, AZ 85001
(602) 275-5461
C.K. Paca, V.Pres. & Gen. Mgr.
Emp. 396

Lory Meat Co., Inc.
5119 W. Bethany Rd.
Glendale, AZ 85301
(602) 937-4744
Marvin Lory
Emp. 108

ARKANSAS (30 plants)

Brown Packing Co.
5301 Scott Hamilton
P.O. Box 2378
Little Rock, AR 72202
(501) 565-2351
Roger L. Brown, Pres.
Emp. 100-200

C. Finkbeiner, Inc.
32nd & Woodrow
P.O. Box 1007
Little Rock, AR 72201
(501) 664-5110
M.S. Burgess, Plant Mgr.
Emp. 200-300

Heim Bros. Packing Co.
5303 Scott Hamilton Dr.
P.O. Box 348
Little Rock, AR 72203
(501) 565-1535
David Latham, Plant Mgr.
Emp. 100-200

Oak Lawn Foods, Inc.
P.O. Box 7268
Pine Bluff, AR 71601
(501) 879-2071
Dean Kittel, Plant Mgr.

Goehring Meat Co., Inc.
Hwy. 99
P.O. Box 147
Lodi, CA 95240
(209) 368-5117
Ben Goehring, Pres.
Emp. 180

CALIFORNIA (43 plants)

Armour & Co.
290 Utah Ave.
South San Francisco, CA 94080
(415) 761-0100
C.H. Bell, Oper. Mgr.
Emp. 300

Hoffman Bros. Packing Co., Inc.
2731 S. Soto Street
Los Angeles, CA 90023
(213) 264-1181
Robert Levinson, Pres.
Emp. 250

Chino Valley Meat Packing Co., Inc.
13677 Yorba Ave.
P.O. Box 337
Chino, CA 91710
(714) 628-2936
Frank Salter, Owner
Emp. 100

Hormel, Geo A. & Co.
14711 Firestone
P.O. Box 38
La Mirada, CA 90638
(213) 921-7488
David Keniston, Gen. Mgr.
Emp. 200 *Bruce Corey (507) 437-5335

L.A. Meat Co., Inc.
4215 Exchange Ave.
Los Angeles, CA 90058
(213) 582-8221
John Beardon, Chief Eng.
Emp. 150

Diamond Meat Co., Inc.
16277 S. McCall
P.O. Box 220
Selma, CA 93662
(209) 896-3081
James A. Morgan, V.Pres. & Gen. Mgr.
Emp. 175

Morrell, John & Co.
1335 Willow Street
Los Angeles, CA 90013
(213) 624-6341
V.J. Leeling, Plant Mgr.
Emp. 175

Dubuque Packing Co.
(Pacific Coast Division)
830 Dubuque Ave.
South San Francisco, CA 94080
(415) 761-1250
Arthur A. Kirsch, V.Pres.
Emp. 200

Old Virginia Packing Co., Inc.
4709 Brooklyn Ave.
Los Angeles, CA 90022
(213) 264-1051
Milton Hoffman, Pres.
Emp. 120

Globe Packing Co.
11200 Kewen Street
San Fernando, CA 91341
(213) 877-1511
Myron Woodward, Chief Eng.
Emp. 125

Oscar Mayer & Co.
3301 E. Vernon Ave.
Vernon, CA 90058
(213) 587-1181
J. Stieve, Plant Eng. Mgr.
Emp. 800

Rath Packing Co.
2809 E. 44th Street
P.O. Box 58387
Vernon, CA 90058
(213) 583-6681
Chester A. Jaensen, Plant Mgr.
Emp. 190

Stoeven Brothers, Inc.
South 1st Street
P.O. Box 280
Dixon, CA 95620
(916) 678-2386
Carver C. McGrew, Chief Eng.
Emp. 100

Union Packing Co.
3030 E. Vernon Ave.
Vernon, CA 90058
(213) 587-9111
Robert Miller, Pres.
Emp. 100

Wilson Foods Corp.
333 S. 9th Ave.
Industry, CA 91746
(213) 330-1651
J.F. Murdock, V.Pres.
Emp. 250

COLORADO (60 plants)

Alpha Beta Packing Co.
303 S. Santa Fe Ave.
Pueblo, CO 81002
(303) 542-8110
*R.L. Craig
Emp. 100-250

Flavorland Industries, Inc.
5590 High St.
Denver, CO 80216
(303) 534-2811
W.C. Foxley, Pres.

Litrak Meat Co., Inc.
5900 York St.
Denver, CO 8021-
(303) 288-0766
L.L. Litvak, Pres.

Loveland Packing Co.
1000 S. Lincoln Ave.
Loveland, CO 80537
(303) 667-3476
A.J. Miltenberger, Pres.

Monfort Packing Co.
North 8th Ave.
Greeley, CO 80631
(303) 353-2311
Sam Addoms, Pres.
Emp. 1000 or more

Morgan Colorado Beef Co.
1505 E. Burlington Ave.
Ft. Morgan, CO 80701
(303) 867-8223
Richard Waters, Gen. Mgr.
Emp. 250-500

Pepper Packing Co.
901 E. 46th Ave.
Denver, CO 80216
(303) 534-5147
M.M. Petter, Pres.

Sigman Meat Co., Inc.
800 Railway
Brush, CO 80723
(303) 842-2837
D. King, Gen. Mgr.
Emp. 100-250

Sigman Meat Co., Inc.
6000 W. 54th Ave.
Arvada, CO 80723
(303) 424-5531
I. Weisbart, Pres.
Emp. 500-1000

Sterling Colorado Beef Co.
 Right of Way Rd.
 Sterling, CO 80751
 (303) 522-1784
 C. Humphrey, Mgr.
 Emp. 250-500

United Packing Co.
 5000 Clarkson
 Denver, CO 80216
 (303) 222-0561
 Robert D. Wiley, Mgr.
 Emp. 250-500

Wilhelm Foods, Inc.
 5590 High St.
 Denver, CO 80216
 (303) 893-1115
 D.C. Wilhelm, Pres.
 Emp. 100-250

Wilson Food Corp.
 4950 Washington
 Denver, CO 80216
 (303) 573-0333
 R.L. Williams, Mgr.
 Emp. 100-250

CONNECTICUT (44 plants)

Copaco, Connecticut Packing Co., Inc.
 335 Cottage Grove Rd.
 Bloomfield, CT 06002
 (203) 242-5521
 Irving Bercowetz, Pres.
 Emp. 142

Isacs, Herman, Inc.
 555 Wordin Ave.
 Bridgeport, CT 06605
 (203) 334-2134
 Herman Isacs, Pres.
 Emp. 100

DELAWARE (0 plants)

FLORIDA (30 plants)

Bauer, Max, Meat Packers, Inc.
 151 N.W. 5th Street
 P.O. Box 01-1111
 Jacksonville, FL 33101
 (305) 377-0501
 Frank Bauer, Pres.
 Emp. 127

Camp, H.S. & Sons, Inc.
 6151 N.W. 21st Ave.
 Ocala, FL 82670
 (904) 622-8149
 Donald G. Camp, Pres.
 Emp. 83

Centaur Packing Co., Inc.
 1601 S. Atlanta
 Orlando, FL 32806
 (305) 843-8370
 Wyn Samuels, V.Pres., Gen. Mgr.
 Emp. 100

Dixie Packers, Inc., Subs
 Winn Dixie Stores
 Highway 535
 P.O. Box 622
 Madison, FL 23240
 (304) 973-4101
 Sam Mitchell, Gen. Mgr.
 Emp. 347

Jones-Chambliss Co.
 2135 Forest Street
 P.O. Box 2399
 Jacksonville, FL 32203
 (904) 355-5534
 A.H. Goedert, Sr., Pres.
 Emp. 150

Kaplan Industries, Inc.
U.S. Route 17 South
P.O. Box 427
Bartow, FL 33830
(813) 533-0685
D. Kaplan, Pres.
Emp. 260

Lykes Bros., Inc. Packing Plant
Lykes Road, Industrial Park
P.O. Box 518
Plant City, FL 33566
(813) 752-1102
C.P. Lykes, Pres.
Emp. 600

Swift Fresh Meats Company
Swift & Company
315 N.W. 14th Street
P.O. Box 1780
Ocala, FL 32670
(904) 622-3271
K.M. Coughenour, Mgr.
Emp. 133

GEORGIA (58 plants)

Brooks County Packing Co., Inc.
N. Highland Rd.
Quitman, GA 31643
(912) 263-4111
Emp. 100

Crystal Farms Inc.
Box 101
Chestnut Mountain, GA 30502
(404) 967-6152
Emp. 145

Duffey Sausage Co. Inc.
601 Clifton Terr.
P.O. Box 770
Carrollton, GA 30117
(404) 832-6374
Emp. 174

Gold Kist Inc. - Pork Dept.
P.O. Box 8
Talmo, GA 30575
(404) 693-2212
Emp. 155

Hormel, George A & Co.
3367 Montreal Industrial Way
P.O. Box 167
Tucker, GA 30084
(404) 939-4880
Emp. 308

Lykes Bros., Inc. of Georgia
1145 E. Broad St.
P.O. Box 427
Albany, GA 31702
(912) 432-0521
Emp. 309

Shapiro Packing Co., Inc.
1432 New Savannah Rd.
P.O. Box 119
Augusta, GA 30903
(404) 722-2694
Emp. 111

Sunnyland Packing Co.
400 Albany Rd.
P.O. Box 1138
Thomasville, GA 31792
(912) 226-1611
Emp. 876

Swift Fresh Meats Co.
West By-Pass
P.O. Box 729
Moultrie, GA 31768
(912) 985-9041
Emp. 225

IDAHO (38 plants)

Armour & Company
Rt. 6, Amity Ave.
P.O. Box 470
Nampa, ID 83401
(208) 466-4627
L.M. Osterreich, Gen. Mgr.
Emp. 100-199

Golden Valley Packers
P.O. Box 208, 3 mi. South Bassett Rd.
Roberts, ID 83444
(208) 523-6360
Jack Roberts, Pres.
Emp. 100-199

Zweigart Packing Co.
P.O. Box 1111, Kraft Rd.
Pocatello, ID 83201
(208) 233-2891
Fred Zweigart, Sr., Mgr.
Emp. 100-199

Dubuque Packing Company
636 W. Root St.
Chicago, IL 60609
(312) 376-6100
Chuck Stolz, Pres.
Emp. 125

Lincoln Meat Co.
3800 S. Halsted St.
Chicago, IL 60609
(312) 927-1321
W.S. Mander, Pres., Sales Pur.
Emp. 125

Swift & Company
P.O. Box 256
Rochelle, IL 61068
(815) 562-4141
R.D. McCarthy, Gen. Mgr.
Emp. 875

United American Food Processors
4545 S. Racine Ave.
Chicago, IL 60609
(312) 927-9300
Donald Goodman, Pres.
Emp. 130

ILLINOIS (118 plants)

American Meat Packing Corp.
3946 S. Normal
Chicago, IL 60609
(312) 538-7000
Larry Clark, V.Pres., Gen. Mgr.
Emp. 400

Aurora Packing Co., Inc.
125 Grant St.
North Aurora, IL 60542
(312) 897-0551
Harold Fagel, Pres, Mgr.
Emp. 250

Bo Packing, Inc.
1250 W. 42nd St. Harvard
Chicago, IL 60609
(312) 254-2011
John Kula, Pres.
Emp. 110

Wilson Foods Corp.
Div. of Ling-Temco-Vought
N. 6th St. Rd.
Monmouth, IL 61462
(309) 734-5172
Robert Wheeler, Gen. Mgr.
Emp. 300

INDIANA (77 plants)

Bloomington Packing Co., Inc.
W. 11th St. Rd.
P.O. Box 7
Bloomington, IN 47401
(812) 336-6327
E. Baldwin, Pres.
Emp. 100-249

Emge Packing Co., Inc.
 Fort Branch, IN 47648
 (812) 753-3214
 W. Emge, Pres.
 Emp. 1000-2499

Parrst Packing Co.
 Maurice Rd., P.O. Box 928
 Fort Wayne, IN 46801
 (219) 493-3702
 W. Parrst, Pres.
 Emp. 100-249

Wenning Packing Co., Inc.
 P.O. Box 38
 New Salisbury, IN 47161
 (812) 364-6131
 M.W. Herthel, Pres.
 Emp. 100-249

Wilson Foods Inc.
 U.S. 35, By-Pass
 P.O. Box 390
 Columbus, IN 46947
 (219) 753-6121
 R. Melenovsky, Mgr.
 Emp. 500-999

IOWA (41 plants)

Dubuque Packing Co.
 16th & Sycamore St.
 Dubuque, IA 52001
 (319) 588-6200
 Emp. over 1000

Farmland Foods Inc. Pork Operations
 Industrial Drive
 P.O. Box 403
 Denison, IA 51442
 (712) 263-5002
 Emp. 501-1000

Great Plains Beef
 2700 23rd Ave.
 Council Bluffs, IA 51501
 (712) 328-2200
 Emp. 501-1000

Hormel, Geo. A. & Co.
 Fort Dodge, IA 50501
 (515) 573-3141
 Emp. 501-1000

Morrell, John & Co.
 401 S. 1st St.
 Estherville, IA 51334
 (712) 362-2611
 Emp. 501-1000

Oscar Mayer & Co., Inc.
 1337 W. 2nd St.
 P.O. Box 3130
 Davenport, IA 52808
 (319) 322-2611
 Emp. over 1000

Oscar Mayer & Co., Inc.
 W. Willis Ave.
 Rt. 2
 Perry, IA 50220
 (515) 465-5361
 Emp. 501-1000

Rath Packing Co., The
 Sycamore & Elm Sts.
 Waterloo, IA 50704
 (319) 235-8900
 Emp. over 1000

Spencer Foods, Inc.
 Highway 71 N.
 P.O. Box 1228
 Spencer, IA 51301
 (712) 262-4250
 Emp. 251-500

Wilson Foods Corp.
16th Ave. & 3rd St. S.E.
P.O. Box 488
Cedar Rapids, IA 52403
(319) 398-5712
Emp. over 1000

Iowa Beef Processors, Inc.
2101 W. 6th
P.O. Box 848
Emporia, KS 66801
(316) 343-3640
Robert G. Barnum, Plant Mgr.
Emp. over 1000

MBPXG Corp.
900 E. 21st St.
P.O. Box 2517
Wichita, KS 67201
(316) 832-1122
E.H. Priceman, Exec. V.Pres.
Emp. over 1000

KANSAS (100 plants)

Dold Foods, Inc.
2929 N. Ohio
P.O. Box 4339
Whichita, KS 67204
(316) 838-9101
John N. Jaedicke, Pres.
Emp. 250-500

National Beef Packing Co.
1501 E. 8th
P.O. Box 978
Liberal, KS 67901
(316) 624-1851
John Jacobson, Sr., Pres.
Emp. 500-1000

Dubuque Packing Co.
P.O. Box 283
Mankato, KS 66956
(913) 378-3145
Ray Bleismer, Gen. Mgr.
Emp. 100-250

Rodeo Meats, Inc.
Arkansas City, KS 67005
(316) 443-1230
Richard D. Bonfy, Mgr.
Emp. 500-1000

Dubuque Packing Co.
1410 E. 21st
P.O. Box 4225
Whichita, KS 67204
(913) 267-1385
Harold Cantrell, Plant Mgr.
Emp. 100-250

Sunflower Beef, Inc.
800 E. 37th St.
P.O. Box 8183
Wichita, KS 67208
(316) 838-9311
Med Moss, Gen. Mgr.
Emp. 100-250

Fanestil Packing Co.
P.O. Box 629
Emporia, KS 66801
(316) 342-6354
D.E. Fanestil, Pres.
Emp. 100-250

Theis Packing Co., Inc.
P.O. Box 49
Great Bend, KS 67530
(316) 792-1311
John M. Theis, Pres.
Emp. 100-250

Farmland Foods, Inc.
P.O. Box 957
Garden City, KS 67846
(316) 275-9661
Denny Dildine, Mgr.
Emp. 250-500

Winchester Packing Co., Inc.
521 S. Main
P.O. Box 1566
Hutchinson, KS 67501
(316) 662-5431
Max Murray, Pres.

KENTUCKY (40 plants)

Armour Food Co.
1200 Story Ave.
Louisville, KY 40206
(502) 582-0011
Emp. 1000

Field Packing Co., Inc.
6 Dublin Lane
Owensboro, KY 42301
(502) 926-2324
Emp. 372

Fisher Packing Co., Inc.
1860 Mellwood Ave.
Louisville, KY 40206
(502) unlisted
Emp. 760

Paramount Foods Inc.
Pickledilly Station
Louisville, KY 40213
(502) 969-9363
Emp. 350

LOUISIANA (32 plants)

Berry Packing Co., Inc.
Rt. 5, Box 43
Bastrop, LA 71220
(318) 281-5143
Emp. 60

Frey, L.A. & Sons, Inc.
P.O. Box 52507 OCS
Lafayette, LA 70501
(318) 235-5516
Emp. 215

Shreveport Packing Co., Inc.
1801 King's Hwy.
Shreveport, LA 71103
(318) 221-3573
Emp. 108

Stevens Meat Co., Inc.
P.O. Box 248
Gonzales, LA 70737
(504) 387-2446
Emp. 94

Thompson Packers Inc.
550 Carnation St.
Slidell, LA 70458
(504) 641-6640
Emp. 65

MAINE (18 plants)

Fort Halifax Packing & Poultry Co.
Route 3
Waterville, ME 04901
(207) 872-2706
Emp. 210

Maplewood Packing Co.
1 Pierce St.
Belfast, ME 04915
(207) 338-1500
James Mendelson, Pres.
Emp. 350

MARYLAND (24 plants)

Dutterer's of Manchester Corp.
115 S. Main St.
Manchester, MD 21102
(301) 239-8300
Emp. 120

Schludberg - Kurdle Co.
3800 E. Baltimore St.
Baltimore, MD 21224
(301) 276-2000
Emp. 1200

MARYLAND (cont'd)

Treuth, J.W. Sons Inc.
328 Oella Ave.
Catonsville, MD 21228
(301) 465-4650
Emp. 48

Hygrade Food Products Corp.
38200 Plymouth Rd.
Livonia, MI 48150
(313) 464-2400
Al Nash, Gen. Mgr.
Emp. 325

Hygrade Food Products Corp.
50750 E. Russell Schmidt
Mt. Clemens, MI 48043
(313) 949-2240
Dick Ottens, V.Pres.
Emp. 225

MASSACHUSETTS (19 plants)

Armour & Co.
301 Southampton S.E.
Boston, MA 02118
(617) 268-9400
D.L. Reed, Oper. Mgr.
Emp. 750

Colonial Provision Co., Inc.
1100 Massachusetts Ave.
Boston, MA 02125
(617) 442-6886
George Pile, Oper. Dir.
Emp. 650

Peet Packing Co.
405 Morton St.
Bay City, MI 48706
(517) 894-4551
Millis L. Peet, Mgr.
Emp. 175

Peet Packing Co.
15403 Sharon Rd.
Chesaning, MI 48616
(517) 845-3021
Emp. 700

MICHIGAN (95 plants)

Crown Packing Co.
2900 Orleans
Detroit, MI 48207
(313) 832-95-0
V. Huff, Gen. Mgr.
Emp. 300

Frederick & Herrud, Inc.
1487 Farnsworth
Detroit, MI 48211
(313) 832-6080
J. Clark, Chief Eng.
Emp. 1200

MINNESOTA (49 plants)

Aitkin Locker Service
12 3rd St.
Aitkin, MN 56431
(218) 927-3118
Stanley Sell, Owner
Emp. 250-499

Armour & Co.
So. St. Paul, MN 55075
(612) 455-8555
E.C. Norbut, Area V.Pres.
Emp. 1000-1999

MINNESOTA (cont'd)

Armour & Co.
 Worthington, MN 56187
 (507) 372-2121
 C.F. Herrmann, Plant Mgr.
 Emp. 250-479

Barnsh, G. Packing Co.
 567 N. Cleveland Ave.
 St. Paul, MN 55114
 (612) 646-2274
 Richard E. Barnsh, Pres.
 Emp. 100-249

Elliot Packing Co.
 37th Ave. W.
 Duluth, MN 55806
 (218) 624-3613
 Dudley Smith, Pres.
 Emp. 100-249

Hormel, Geo A. & Co.
 P.O. Box 800
 Austin, MN 55912
 (507) 437-5611
 Wm. R. Hunter, Plant Mgr.
 Emp. over 2000

Iowa Beef Processors Inc.
 Luverne, MN 56156
 (507) 283-2351
 Dave Blake, Gen. Mgr.
 Emp. 100-249

Landy Packing Co.
 1st Ave & 16th St. So.
 St. Cloud, MN 56301
 (612) 252-1331
 Max Landy, Pres.
 Emp. 100-249

Marshall Foods Inc.
 800 East Southview Dr.
 Marshall, MN 56258
 (507) 532-9584
 Eugene Moore, Pres.
 Emp. 250-499

Morrel, John & Co.
 2523 Wabash Ave.
 St. Paul, MN 55115
 (612) 645-9431
 R.L. Eliason, Plant, Mgr.
 Emp. 100-249

Robel Beef Packers Inc.
 P.O. Box 430
 St. Cloud, MN 56301
 (612) 251-8484
 E. Belzer, Pres.
 Emp. 100-249

United Dressed Beef Inc.
 2300 Nevada Ave.
 Golden Valley, MN 55427
 (612) 544-8691
 Sidney Ladin, Pres.
 Emp. 1-0-249

Wilson & Co., Inc.
 East Main St.
 Albert Lea, MN 56007
 (507) 373-2361
 Stan Johnson, Gen. Mgr.
 Emp. 1000-1999

MISSISSIPPI (37 plants)

Jackson Packing Co.
 2520 South Gallatin
 Jackson, MS 39205
 (601) 355-8351
 E.L. Jenkins, Pres.
 Emp. 365

Mid South Packers, Inc.
 P.O. Drawer 829
 Tupelo, MS 38801
 (601) 842-1411
 T.G. Stuebi, Pres.
 Emp. 400

MISSISSIPPI (cont'd)

Owen Brothers Packing Co., Inc.
 Highway 11 South
 P.O. Box 1770
 Meridian, MS 39301
 (601) 483-3307
 R.C. Mollet, V.Pres.
 Emp. 170

Pine Burr Packing Co.
 Div. The Merchants Co.
 1100 Edwards St.
 Hattiesburg, MS 39401
 (601) 582-4431
 James L. Triggs, Mgr.
 Emp. 117

Pioneer Beef Co.
 Second St. Ext.
 P.O. Box 119
 Grenada, MS 38901
 (601) 226-5661
 Leon D. Patton, Pres.
 Emp. 145

Dugdale Packing Co.
 Sub. of Premier Corp.
 11th & Beek
 St. Joseph, MO 64502
 (816) 233-0215
 George Liechti
 Emp. 280

Hunter Packing Co., Div.
 1214 N. Second St. (E. St. Louis 11)
 Wright City, MO 62062
 (618) 271-1500
 A. Logan, Plant Mgr.
 Emp. 600

Krey Packing Co.
 3607 N. Florissant Ave.
 St. Louis, MO 63107
 (314) 231-2925
 John Krey, III, Pres.
 Emp. 900

MBPXL Corp.
 Hwy 135
 Rockport, MO 64482
 (816) 744-5356
 Dick Lann, Gen. Mgr.
 Emp. 278

MISSOURI (79 plants)

Armour & Co.
 13825 Wyandotte
 Kansas City, MO 64145
 (816) 942-8000
 Dave Bone, Reg. Mgr.
 Emp. 400

Armour Pork Plant
 New South St. Joseph Operation
 P.O. Box 459
 St. Joseph, MO 64504
 (816) 238-4585
 R.R. Miller, Plant Mgr.
 Emp. 350

Central Foods, Inc.
 P.O. Box 938
 Cape Girardeau, MO 63701
 (314) 335-3391
 George Wrape, Pres.
 Emp. 103

MFA Meat Products
 2050 E. Trafficway
 P.O. Box 787
 Sedalia, MO 65801
 (417) 869-5454
 Robert Zachar, Gen. Mgr.
 Emp. 210

Royal Packing Co. of 211
 P.O. Box 156
 Wright City, MO 62071
 (618) 274-0800
 David Scokolik, Pres.
 Emp. 350

Seitz Foods, Inc.
 P.O. Box 247
 St. Joseph, MO 64502
 (816) 238-1771
 J.W. Essen, Pres.
 Emp. 480

MISSOURI (cont'd)

Wilson & Co., Inc.
2 Mi. W. of City, off Hwy 20
Marshall, MO 65340
(816) 886-5522
Don Rutter, Gen. Mgr.
Emp. 351

Farmland Foods, Inc.
P.O. Box 67
Crete, NE 68333
(402) 826-4381
James Jeffus, Mgr.
Emp. 200-499

Gibbon Packing Inc.
P.O. Box Q
Gibbon, NE 68840
(308) 468-5771
Neal Holub, Mgr.
Emp. 100-199

MONTANA (25 plants)

John R. Daly, Inc.
P.O. Box 1345
Missoula, MT 59801
(406) 543-8291
K.R. Schwanke, Pres.
Emp. over 50

Hormel Geo A & Co.
900 S. Platte Ave.
Fremont, NE 68025
(402) 721-2300
James Rieth
Emp. 1000-2499

Midland Foods Inc.
800 Minnesota Ave.
Billings, MT 59107
(406) 245-4168
James Schindele, Pres.
Emp. over 50

Iowa Beef Processors Inc.
P.O. Box 515
Dakota City, NE 68731
(402) 494-2061
Dale Tinstman
Emp. over 2500

Iowa Beef Processors, Inc.
P.O. Box 347
West Point, NE 68788
(402) 372-5401
Fred Hartman, Mgr.
Emp. 200-499

NEBRASKA (78 plants)

Armour & Co.
5025 S. 33rd St.
Omaha, NE 68107
(402) 731-5400
F.A. Conway, Mgr.
Emp. 200-499

Madison Beef Packers
P.O. Box 847
Madison, NE 68748
(402) 454-3361
Robert Petersen, Pres.
Emp. 200-499

Diezdale Packing Co.
P.O. Box 166
Darr, NE 69130
(308) 784-3636
Jess Barger, Gen. Mgr.
Emp. 100-199

Nebraska Beef Packers
2605 N. 7th
P.O. Box 127
Gering, NE 69341
(308) 632-6633
Rudy Stanke, Mgr.
Emp. 100-199

NEBRASKA (cont'd)

Spencer Foods Inc.
P.O. Box 544
Schuyler, NE 68661
(402) 352-5411
Al Wood, Mgr.
Emp. 500-999

Swift Fresh Meats Co.
P.O. Box 1767
Grand Island, NE 68801
(308) 384-0900
Bernard Orel, Mgr.

Union Packing Co. of Omaha, Inc.
4501 S. 36th St.
Omaha, NE 68107
(402) 733-8200
Wm. G. Meyers, Pres.
Emp. 200-499

Devro, Inc.
Southside Ave.
Somerville, NJ 08876
(201) 524-0400
P.C. Habbey, Pres.
H.G. Steizler, Ch/Board
Emp. 360

Linden Packing Co., Inc.
324 Asbar Street
Newark, NJ 07114
(201) 243-1930
M. Rosenberg, Pres.
J. Rosenberg, V.Pres.
Emp. 150

Simon-Pure Food Products Inc.
65 Central Ave.
Passaic, NJ 07055
(201) 473-1305
P. Simon, Pres.
J. Simon, V.Pres.
Emp. 100

NEVADA (3 plants)NEW HAMPSHIRE (5 plants)

Granite State Packing Co.
P.O. Box 5220
Manchester, NH 03108
(603) 669-3300
Lester Shapiro, Pres.
Emp. 200

NEW JERSEY (15 plants)

Allen Packing Co., The
406 Allen St.
Elizabeth, NJ 07202
(201) 353-3800
E. Laken, Pres.
Emp. 298

NEW MEXICO (17 plants)

Glover, Inc.
1000 N. Garden
P.O. Box 40
Roswell, NM 88201
(505) 622-3320
Bruce Miller, Pres.
Emp. 500-999

Karler Packing Co.
9311 Broadway S.E.
P.O. Box 1005
Albuquerque, NM 87103
(505) 877-3550
J. Karler, Pres.
Emp. 100-249

Schwartzman Packing Co., Inc.
3301 2nd S.W.
P.O. Box 2227
Albuquerque, NM 87103
(505) 877-2550
A. Schwartzman, Pres.
Emp. 100-249

NEW MEXICO (cont'd)

Swift & Co.
P.O. Box 1450
Clovis, NM 88101
(505) 762-4711
Jim Atkinson, Mgr.
Emp. 100-249

Tobin Packing Co., Inc.
Albany Division
Exchange Street
Albany, NY 12201
(518) 438-4411
John Watson, Pres.
Emp. 890

Trunz Meat
Div. of the Hond Hardart Co.
25 Lombardy St.
Brooklyn, NY 11222
(212) 782-5900
Charles Trunz, Jr., Pres.
Emp. 443

NEW YORK (97 plants)

Forst Packing Co., Inc.
113 Abeel Street
Kingston, NY 12401
(918) 331-3500
Charles Forst, Pres.
Emp. 110

White Star Packing Corp.
1560 Boone Ave.
Bronx, NY 10460
(212) 329-0009
E. Hochnas, Pres.
Emp. 100

General Meat Corp.
Nathan Schweitzer & Co., Inc.
820 Washington St.
New York, NY 10014
(212) 924-4700
N. Kramer, Pres.
Emp. 100

Greendall Packing Corp.
Grand George Rd.
Prattsville, NY 12468
(716) 299-3421
B. Rotherberg, Pres.
Emp. 100

Halco Products Corp.
40 Wall St.
New York, NY 10005
(212) 425-3355
W. Ashplant, Chr.
Emp. 400

Tobin Packing Co., Inc.
900 Jefferson Rd.
P.O. Box 630
Rochester, NY 14602
(716) 473-4440
John Watson, Pres.
Emp. 1250

NORTH CAROLINA (59 plants)

Carolina Packers Inc.
P.O. Box 1109
Smithfield, NC 27577
(919) 934-2181
Emp. 100-249

Chatham Foods Inc.
P.O. Box 448
Siler City, NC 27344
(919) 742-2141
Emp. 50-99

Curtis Packing Co.
P.O. Box 1470
Greensboro, NC 27402
(919) 275-2684
Emp. 100-249

NORTH CAROLINA (cont'd)

Dinner Bell Foods Inc.
2401 Wirco Blvd.
Wilson, NC 27893
(919) 237-2141
Emp. 250-499

Dunn Meat Packers
P.O. Box 970
Dunn, NC 28334
(919) 892-6156
Emp. 50-99

Great Atlantic & Pacific Tea Co.
ACP Meat Plant
P.O. Box 1209
Charlotte, NC 28208
(704) 392-8386
Emp. 250-499

Lance Inc.
Hancock Country Ham
Rt. 1
Franklinville, NC 27248
(919) 824-2311
Emp. 100-249

Lundy Packing Co.
P.O. Box 749 Railroad St.
Clinton, NC 28328
(919) 592-2104
Emp. 500-999

Peacock Meat Co.
101 Sharrod St.
Rocky Mount, NC 27801
(919) 446-5174
Emp. 50-99

NORTH DAKOTA (4 plants)

Flavsiland Industries, Inc.
N. of City
West Fargo, ND 58078
(701) 282-3244
Tom Morse, Mgr.
Emp. over 100

OHIO (140 plants)

Coil Packing Inc.
1340 Harmon Ave.
Columbus, OH 43216
(614) 443-4824
Sam Coil, Pres.
Emp. 125

Decker, Val Packing Co.
727 E. Ash St.
Piqua, OH 45356
(513) 773-6330
W.B. Decker, Pres.
Emp. 350

Dinner Bell Foods Inc.
E. Lugbill Rd.
Archibald, OH 43502
(419) 445-5401
H.F. Ruffer, Plant Mgr.
Emp. 150

Dinner Bell Foods Inc.
Dye Mill Rd.
Troy, OH 45373
(513) 339-7511
James Caldwell, Sales Mgr.
Emp. 400

Dinner Bell Foods
W. High St.
P.O. Box 388
Defiance, OH 43512
(419) 782-9015
Denver N. Eckert, Owner
Emp. 395

OHIO (cont'd)

Kahn's & Co.
3241 Spring Grove Ave.
Cincinnati, OH 45202
(513) 541-4000
Milton J. Schloss, Pres.
Emp. 1000

Ohio Packing Co.
3245 E. 5th Ave.
Columbus, OH 43216
(614) 239-1600
Edward L. Wilke, Sr., Pres.
Emp. 250

Routh J.H. Packing
4415 W. Bogart Rd.
P.O. Box 2253
Sandusky, OH 44870
(419) 626-2251
Robert M. Routh, Pres.
Emp. 215

Selected Meat Co.
117 E. Washington Row
Sandusky, OH 44870
(419) 626-1978
John H. Waldock, Pres.
Emp. 200

Sugardale Foods Inc.
1600 Harhont Ave. N.E.
Canton, OH 44701
(216) 455-5253
Arthur Genshaft, Pres.
Emp. 1000

Wilson & Company, Inc.
2801 S.W. 15th St.
P.O. Box 24001
Oklahoma City, OK 73124
(405) 235-1581
S.P. Olsen, Gen. Mgr.
Emp. 1300

OREGON (118 plants)

Armour and Co.
9208 N. Tyndall Ave.
Portland, OR 97217
(503) 289-1151
S.E. Pickard, Mgr.
Emp. 300

Associated Meat Packers, Inc.
8349 N. Vancouver Ave.
Portland, OR 97217
(503) 285-2566
W.S. Hothkiss, Pres.
Emp. 500

Pacific Meat Co.
N. Columbia Blvd./Burrage St.
Portland, OR 97217
(503) 283-1911
Howard Nelson, Pres.
Emp. 160

OKLAHOMA (78 plants)

Swift Fresh Meat Company
Div. of Swift & Company, Esmark
Highway 54 East
Box 1348
Guymon, OK 73942
(405) 338-3311
W.C. Ozenberger
Emp. 149

PENNSYLVANIA (183 plants)

Armour & Co.
1000 Armour Blvd.
Pittsburgh, PA 15205
(412) 928-2600
A.S. Drain, Pres.
Emp. 425

PENNSYLVANIA (cont'd)

Castle Brand Inc.
P.O. Box 150
New Castle, PA 15205
(412) 658-7721
Guenter Wolff, Plant Mgr.
Emp. 99

Colonial Beef Co.
333 S. 3rd St.
Philadelphia, PA 19148
(215) 467-0900
Louis E. Waxman, Pres.
Emp. 250

Cross Bros. Meat Packers
3600 N. Front St.
Philadelphia, PA 19140
(215) 749-8600
Rodger P. Fitzgerald, Plant Mgr.
Emp. 385

Hatfield Packing Co.
Funk Rd.
P.O. Box 20
Hatfield, PA 19440
(215) 368-2500
Royden Rittenhouse, Chief Eng.
Emp. 425

Jiffy Foods Co.
432 Green St.
Sewickly, PA 15143
(412) 639-3551
Bernard J. Erenstein, Pres.
Emp. 400

Jiffy Foods Corp.
Erie Co. Industrial Park
Box 30, Smedley St.
North East, PA 16428
(814) 725-4534
Lester Breakstone, Plant Mgr.

Kunzler & Co., Inc.
640-662 Manor St.
Lancaster, PA 17603
(717) 397-5165
James P. Heth, Plant Mgr.
Emp. 150

Martin, Ezra W., & Co.
1625 Old Philadelphia Pike
Lancaster, PA 17604
(717) 397-5111
Elvin Martin, Plant Mgr.
Emp. 105

Mayer, Oscar & Co.
3333 S. Front St.
P.O. Box 8078
Philadelphia, PA 19101
(215) 463-3300
James C. Miles, Gen. Mgr.
Emp. 900

Medfords, Inc.
P.O. Box 540
Chester, PA 19016
(215) 874-5356
F. Kabosic, Chief Eng.
Emp. 177

North Side Packing Co.
220 Spring Garden Ave.
Pittsburgh, PA 15212
(412) 231-7300
Robert G. Hoffman, Pres.
Emp. 150

Penn Packing Co.
2300 E. Butler St.
Philadelphia, PA 19137
(215) 288-9920
Martin Lipff, Pres.
Emp. 400

Shamokin Packing Co.
601 Stevens St.
Shamokin, PA 17872
(717) 648 6815
Bert L. Troutman, Owner
Emp. 140

Shane Packing Co.
1126 Engle St.
Chester, PA 19013
(215) 494-4500
Guenter G. Wolff, Plant Mgr.
Emp. 180

PENNSYLVANIA (cont'd)

Taylor, J.V., Inc.
 P.O. Box 188
 Wyalusin, PA 18853
 (717) 746-1309
 Kenneth H. Taylor, Sr., Pres.
 Emp. 240

RHODE ISLAND (4 plants)

Lovitt Beef Co.
 2266 Pawtucket Ave.
 E. Providence, RI 02914
 (401) 434-9300
 Edward Lovitt, Pres.
 Emp. 70

SOUTH CAROLINA (78 plants)

Armour Co.
 Armour & Co.
 Gaffney, SC 29340
 (803) 489-5723
 Henry E. Newmann, Gen. Mgr.
 Emp. 113

Dreher Packing Co., Inc.
 1601 Thop Road
 P.O. Box 66
 Columbia, SC 29202
 (803) 799-0592
 J.C. Dreher III, Pres.
 Emp. 156

Greenwood Packing Plant
 Packer St.
 Greenwood, SC 29646
 (803) 229-5611
 W.A. Barnette, Jr., Pres.
 Emp. 440

SOUTH DAKOTA (20 plants)

Armour and Company
 P.O. Box 822
 Huron, SD 57350
 (605) 352-8781

Black Hills Packing Co.
 P.O. Box 2130
 Rapid City, SD 57709
 (605) 343-1414

Cimpl Packing Co.
 1000 Cattle Drive
 Box 80
 Yankton, SD 52078
 (605) 665-7836

Hormel, George A. & Co.
 East Havens
 Box 340
 Mithcell, SD 57301
 (605) 996-5548

Meilman Food Industries, Inc.
 Hwy 16 West
 Box 1465
 Sioux Falls, SD 57101
 (605) 339-4150

Morrell, John & Co.
 1400 N. Weber Ave.
 Box 1266
 Sioux Falls, SD 57101
 (605) 338-8200

TENNESSEE (37 plants)

Elm Hill Meats, Inc.
 Fort Loudon Dam Road
 Lenior City, TN 37771
 (615) 986-8005
 Harry Wampler, V.Pres & Gen. Mgr.
 Emp. 160

TENNESSEE (cont'd)

Frosty Morn Meats
Red River St.
P.O. Box 1048
Clarksville, TN 37040
(615) 647-2311
John Corwin, Plant Mgr.
Emp. 575

Lay Packing Co.
400 E. Jackson Ave.
Knoxville, TN 37901
(615) 546-2511
Ira Lay Jr., Pres. & Gen. Mgr.
Emp. 321

Morrell, John & Co. Control Dept.
1400 Warford
Memphis, TN 38108
(901) 323-7682
Wm. A. Conroy, Pres.
Emp. 520

Oscar Mayer Co., Inc.
400 Cartwright St.
Goodlettsville, TN 37072
(615) 859-3411
Chris Lemberg, Gen. Mgr.
Emp. 800

Reelfoot Packing Co.
Reelfoot Ave.
Union City, TN 38261
(901) 885-2131
Frank E. Hays, Gen. Mgr.
Emp. 600

TEXAS (202 plants)

Armour Food Co.
3½ miles West of City
Box 2059
Hereford, TX 79045
(806) 357-2281
T.J. Hamlett, Gen. Mgr.

Armour & Co.
802 Rankin Rd.
Box 1532
Houston, TX 77001
(713) 443-8551
E.T. Hoyt, Mgr.

Auge, Ed Packing Co.
1305 S. Brazos
Box 7369
San Antonio, TX 78207
(512) 227-5306
Ella Auge, Pres.

Calhoun, Vernon, Packing Co.
Old Boston Rd.
Box 709
Palestine, TX 75801
(214) 729-2165
Vernon Calhoun, Pres.

Decker, Jacob E. & Sons
3200 W. Kingsley Rd.
P.O. Box 5268
Dallas, TX 75222
(214) 278-6192
W.N. Scruggs, Mgr.

Decker, Jacob E. & Sons
2450 Roosevelt Ave.
Box 10217
San Antonio, TX 78210
(512) 534-5435
H.F. McCarty, Mgr.

Ebner Bros. Packers
100 Walnut
Box 5364
Wichita Falls, TX 76301
(817) 768-8587
Stephen C. Ebner, Pres.

Farm Pac Kitchens, Inc.
602 E. 19th
Box 838
Lubbock, TX 79408
(806) 747-3154
R.H. Wemple, Gen. Mgr.

Freedman Packing, Inc.
3821 Jensen Dr.
Box 21151
Houston, TX 77026
(713) 224-9409
Milton Freedman, Pres.

TEXAS (cont'd)

Gooch Packing Co., Inc.
 800 Almond
 P.O. Box 2738
 Abilene, TX 79604
 (915) 673-8222
 *Gary Anders, Nat Reading

H & H Meat Products Co., Inc.
 Box 358
 Mercedes, TX 78570
 (512) 565-3177
 Liborio Hinojosa, Plant Supt.

Iowa Beef Processors, Inc.
 Amarillo Plant
 2014 English Rd.
 Box 4400
 Amarillo, TX 79187
 (806) 335-1531
 Fred Hummer, Plant Mgr.

Jimmy Dean Meat Co.
 N. Hwy 87 By-Pass
 Box 1539
 Plainview, TX 79072
 (806) 293-5211
 Kenneth J. Brown, Gen. Mgr.

Kane, Sam, Beef Processors, Inc.
 9001 Leopard
 Box 9254
 Corpus Christi, TX 78405
 (512) 241-2311
 Jerry Kane, Plant Mgr.

Kay Packing Co.
 4618 Clinton Dr.
 Houston, TX 77020
 (713) 676-1556

Laredo Packing Co.
 Loop 20
 Box 2369
 Laredo, TX 78041
 (512) 722-0635
 Robert Salinas, Pres.

MBPXL Corp.
 3 Miles West of City
 Box 1178
 Friona, TX 79035
 (806) 295-3201
 Richard Lann, Mgr.

MBPXL Corp.
 Amarillo Hwy.
 Box 910
 Plainview, TX 79072
 (806) 293-5181
 Jim Koffard, Mgr.

Neuhoff Bros. Packers
 2821 Alamo
 Box 2338
 Dallas, TX 75221
 (214) 741-5531
 Henry Neuhoff III, Pres.

Owens County Sausage, Inc.
 2600 North Greenville Ave.
 Box 245
 Richardson, TX 75080
 (214) 235-7181
 Jerry P. Owens, Pres.

Pace Packing Co.
 1300 W. Broadway
 Box 318
 Sweetwater, TX 79556
 (915) 236-6631
 W.R. Penick, V.Pres.

Pauly Packing Co., Inc. and
 Blue Ribbon Packing Co.
 4767 Calhoun Rd.
 Houston, TX 77004
 (713) 748-6200
 Fred Pauly, Pres.

Peyton Packing Co., Inc.
 400 Inglewood Rd.
 Box 9066
 El Paso, TX 79982
 (915) 859-9131
 Charles E. Knipp, Plant Mgr.

TEXAS (cont'd)

Roegelien Co.
1700 S. Brazos
Box 1698
San Antonio, TX 78296
(512) 225-2631
William Roegelien, Pres.

Swift Fresh Meats Co.
1901 S. San Marcos
Box 2568
San Antonio, TX 78299
(512) 225-6851
K.W. Bruder, Gen. Mgr.

Swift Fresh Meats Co.
Schroeter Industrial Park
Box 524
Dumas, TX 79029
(806) 966-5103
J.D. Atkisson, Plant Mgr.

Texas Meat Packers, Inc.
Old Slaton Hwy.
Box 6100
Lubbock, TX 79413
(806) 747-3197
Rod Klemke, Plant Mgr.

Western Packing Co., Inc.
6930 Market
Box 26668
El Paso, TX 79926
(915) 779-3755
Moody Patton, Jr., Pres.

Jordan Meat & Livestock Co.
1225 West 3300 South
Salt Lake City, UT 84119
(801) 972-8770
Emp. 50-99

Miller, E.A. & Sons Packing Co.
410 N. 200
Hyrum, UT 84319
(801) 245-6456
Emp. 50-99

Otto & Sons, Inc.
4980 West 9420 South
West Jordan, UT 84084
(801) 566-1651
Emp. 100-199

Tri Miller Packing Co.
510 West 400 North
Hyrum, UT 84319
(801) 245-6464
Emp. 50-99

Wilson & Co. Inc.
888 West 21st St.
Ogden, UT 84401
(801) unlisted
Emp. 100-199

VERMONT (2 plants)UTAH (52 plants)

Doctorman Joe & Son Inc.
2900 South 200 West
Salt Lake City, UT 84115
(801) 467-1596
Emp. 50-99

VIRGINIA (28 plants)

Armour & Co.
420 N. 18th St.
Richmond, VA 23219
(804) 463-5500
W. Prince, Pres.
Emp. 100-250

VIRGINIA (cont'd)

Armour & Co.
Industrial Park
Bristol, VA 37620
(703) 764-4158
Don Ashley, Gen. Mgr.
Emp. 25-100

George H. Meyer & Sons
1601 W. Overbrook Rs.
Richmond, VA 23220
(804) 355-7975
Leonard Meyer, Pres.
Emp. 25-100

Green Hill Inc.
U.S. route 11
Elliston, VA 24087
(703) 389-9366
W.M. Lipes, Pres.
Emp. 100

H.P. Beale & Sons, Inc.
Hwy. 616 N.
Courtland, VA 23837
(804) 653-2150
B.H. Beale, Pres.
Emp. 102

ITT Gwaltney, Inc.
Box 489
Smithfield, VA 23430
(804) 357-3131
G.A. Brown, Pres.
Emp. 1300

Malcolm Meat Service
Randolph & Wagner
Bristol, VA 24201
(703) 669-1107
Fred Malcolm, Gen. Mgr.
Emp. 25-100

Smithfield Packing Co., Inc.
Box 447
Smithfield, VA 23430
(804) 357-4321
C.J. Morris, Pres.
Emp. 1100

Valleydale Packers, Inc.
Commonwealth Ave.
Bristol, VA 24201
(703) 669-3112
Jack Wagner, Gen. Mgr.
Emp. 250-500

Valleydale Packers Inc.
1013 Iowa St.
Salem, VA 24153
(703) 389-5473
F.W. Blankemeyer, Gen. Mgr.
Emp. 390

WASHINGTON (34 plants)

Hygrade Food Products Corp.
1623 East J. St.
P.O. Box 1636
Tacoma, WA 98401
(206) 627-8121
Frank Kirk, Gen. Mgr.
Emp. 600

Schaaake Packing Co., Inc.
P.O. Box 128
Ellensburg, WA 98926
(509) 925-5346
Donald E. Schaaake, Pres.
Emp. 225

WEST VIRGINIA (17 plants)

R.G. Gunnoe, Inc.
2115 OakRidge Dr.
Charleston, WV 25311
(304) 343-7686
R.G. Gunnoe, Pres.
Emp. 45

WEST VIRGINIA (cont'd)

S.S. Logun Packing Co.
P.O. Box 5495
Huntington, WV 25703
(304) 525-7625
Noston Logun, Pres.
Emp. 120

Weimer Packing Co.
P.O. Box 6230
Wheeling, WV 26003
(304) 232-7000
G.W. Weimer, Mgr.
Emp. 138

WISCONSIN (22 plants)

Armour Food Co.
2490 S. Broadway
P.O. Box 3520
Green Bay, WI 54303
(414) 437-9085

Cudahy, Patrick, Incorporated
P.O. Box 217
Cudahy, WI 53110
(414) 744-2000
C. Yeager, Res. Ch. Eng.
Emp. 1000

Hillshire Farm Co.
Rt. 4
P.O. Box 227
New London, WI 54961
(414) 982-2611
Gary Bernegger, Pres.
Emp. 1000

Jones Dairy Farm
Jones Ave.
P.O. Box 28
Fort Atkinson, WI 53538
(414) 563-2431
Kolar B. Chladek, Chief Plant Eng.
Emp. 325

Kenosha Beef International, Ltd.
3111 - 152nd Ave.
P.O. Box 639
Kenosha, WI 53141
(414) 859-2272
Richard Grossert, Plant Supt.
Emp. 250

Oscar Mayer & Co.
910 Mayer Ave.
P.O. Box 7188
Madison, WI 53707
(608) 241-3311
J.M. Hiegel, Pres.
Emp. 4350

Packerland Packing Co., Inc.
2580 University Ave.
P.O. Box 1184
Green Bay, WI 54305
(414) 468-4000
George N. Gillett, Pres.
Emp. 600

Wisconsin Packing Co.
4700 N. 132nd St.
Butler, WI
Mail: P.O. Box 11357
Milwaukee, WI 53201
(414) 781-2400
G. Woodrow Adkins, Pres.
Emp. 200

WYOMING (35 plants)

Sheridan Meat Company, Inc.
Box 663
Sheridan, WY 82801
(307) 672-2461
George W. Legerski, Pres.
Emp. 50-99

1.22

SIC 2022

NATURAL AND PROCESSED CHEESE

1.221 KEY STATISTICS FOR SIC 2022

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Natural Cheese - Whey Condensing	160°F - 200°F	1
<u>Current Heat Source(s)</u>		
Steam (water)	100°F - 200°F	2
<u>Total Energy Consumption</u>		
21.16 trillion BTU/year		3
Total no. of plants in U.S.	550	4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.222 Plant Directory for SIC 2022 Firms

ALABAMA (3 plants)

Tro-Fer Meadow Gold Dairy, Inc.
Div. of Beatrice Foods Co., Inc.
704 Walnut St.
Madsden, AL 35901
(205) 547-2561
B.F. McDaniel, Gen. Mgr.
Emp. 76-100

ARIZONA (1 plant)

Portion Cut Fryers
2502 E. Washington #101
Phoenix, AZ 85034
(602) 275-7694
James C. Lindsey, Div. Mgr.
Emp. 7

ARKANSAS (3 plants)

Kraft Foods, Inc.
P.O. Box 360
Bentonville, AR 72712
(501) 273-5561
Murlin Cawood, Plant Mgr.
Emp. 50-100

Kraft Food, Inc.
P.O. Box 272
Berryville, AR 72616
(501) 423-2462
H.B. Gibson, Plant Mgr.
Emp. 100-200

CALIFORNIA (4 plants)

The Cheese Factory of Pleasanton
830 Main
P.O. Box 279
Pleasanton, CA 94566
(415) 846-2577
G.A. Spiliotopoulos, Pres.
Emp. 25

Marin French Cheese Co.
7500 Red Hill Road
P.O. Box 99
Petaluma, CA 94952
(707) 762-6001
Pierce Thompson, Gen. Mgr.

COLORADO (7 plants)

Leprino Cheese Mfg. Co.
1830 W. 38th Ave.
Denver, CO 80211
(303) 433-8253
Ives Allen, Pres.
Emp. 50-100

Poudre Valley Creamery Co.
222 La Porte Ave.
Fort Collins, CO 80521
(303) 482-8475
R. McCluskey, Gen. Mgr.
Emp. 50-100

CONNECTICUT (6 plants)

C & F Cheese Distributors Inc.
626 Main St.
E. Haven, CT 06512
(203) 467-5826
Santo Sesta, Pres.
Emp. 30

DELAWARE (1 plant)

M. Fierro & Sons, Inc.
1025 N. Union St.
Wilmington, DE 19805
(302) 656-8955
Albert L. Fierro, Pres.
Emp. 25

Kraft Corp.
Hiway 25 South of City
Box 86
Rupert, ID 83350
(208) 436-4731
D.E. Esa, Mgr.
Emp. 50-99

FLORIDA (4 plants)

Farmbest Foods Inc.
Munford, Inc.
432 S. Orange Blossom Dr.
Orlando, FL 32805
(305) 843-5060
Fred Myette, Mgr.
Emp. 25

Vigo Importing Co.
P.O. Box 15584
Tampa, FL 33614
(813) 884-3491
Tony Alessi, Mgr.
Emp. 20

Kraft Corp.
Box 4047
Pocatello, ID 83201
(208) 237-1270
Harvey Jensen, Mgr.
Emp. 200-299

Western General Dairies, Inc.
751 Chamberlain Ave.
P.O. Box 1847
Idaho Falls, ID 83401
(208) 522-2211
O'Dell Merritt, Div. Mgr.
Emp. 50-99

GEORGIA (2 plants)

Kraft Inc.
501 DeKalb Ind. Way
Decatur, GA 30030
(404) 296-1161
Emp. 857
W.C. Beshears, Jr., Mgr.

Arthur Cheese Co.
320 2nd St.
Arthur, IL 61911
(217) 543-2166
Erland Kondrup, Pres.
Emp. 30

Cheese - Tek Corp.
Rte. 1, U.S. Hwy. 45-52
Chebanse, IL 60922
(815) 697-2521
D.G. Vakaleris, Pres.
Emp. 30

IDAHO (16 plants)

Dairymen's Creamery Association, Inc.
520 Albany
Box 578
Caldwell, ID 83605
(208) 459-3687
Frank W. Krone, Gen. Mgr.
Emp. 50-99

Ida Gem Dairymen, Inc.
220 S. Birch St.
Box 447
Jerome, ID 83338
(208) 324-2331
Donald Allen, Gen. Mgr.
Emp. 100-199

Dean Foods Co.
6303 Maxon Rd.
Harvard, IL 60033
(815) 943-5441
Harold Pufahl, Mgr.
Emp. 160

Dot Associated Dairy Products, Inc.
R.R. 4 Buckhorn Rd.
Mt. Prospect, IL 62353
(217) 773-3314
Robert Tracey, Owner
Emp. 45

ILLINOIS (cont'd)

Kolb-Lena Cheese Co.
Sub. of Katy Industries
301 W. Railroad St.
Lena, IL 61048
(815) 369-4577
Mrs. Frieda Reuter, Pres.
Emp. 38

Kraft, Inc.
500 N. Peshtigo Court
Chicago, IL 60611
(312) 222-4600
J.S. Brakefield, V.Pres. Dir. Mktg.
Emp. 1200

Lorraine Cheese Co.
751 N. Jackson
Box 523
Pittsfield, IL 62363
(217) 285-6048
Charles O. Grigsby, Jr., Pres.
Emp. 50

Mancuso Cheese Co., Inc.
612 Mills Rd.
Box 519
Joliet, IL 60434
(815) 722-2475
Dominic Mancuso, Pres.
Emp. 28

Nauvoo Milk Products, Inc.
Wells & Young Sts.
Nauvoo, IL 62354
(217) 453-2213
W.C. Scully, Pres.
Emp. 70

Prairie Farms Dairy, Inc.
742 N. Ave.
Carbondale, IL 62901
(618) 457-4167
Kenneth Parrish, Branch Mgr.
Emp. 37

Prairie Farms Dairy, Inc.
1100 N. Broadway
Carlinville, IL 62626
(217) 854-3171
F.A. Gourley, Pres.; Gen. Mgr.
Emp. 65

Ryser Bros., Inc.
3525 W. Potomic Ave.
Chicago, IL 60651
(312) 012-6400
Max Ryser, Pres.
Emp. 170

Soldwell Dairy
Div. of Prairie Farms
424 S. First Ave.
Canton, IL 61520
(309) 647-9000
John Soldwedel, Gen. Mgr.
Emp. 40

Warren Cheese Plant, Inc.
411 Jefferson St.
Warren, IL 61087
(815) 745-2315
John Bussman, Jr., Pres.
Emp. 30

INDIANA (17 plants)

Allen Dairy Products, Inc.
3400 Northrop St.
P.O. Box 1047
Ft. Wayne, IN 46802
(219) 483-6436
R. Nelson, Gen. Mgr.
Emp. 100-249

Grahm Cheese Corp.
Elnora, IN 47529
(812) 692-5230
R. Grahm, III, Plant Mgr.
Emp. 25-49

Kentland Dairy Products Co. of
Mulberry, Indiana, Inc.
106 E. Jackson St.
Mulberry, IN 46058
(317) 296-3855
Hal Force
Emp. 50-99

Wayne Dairy Products, Inc.
50 S. 6th St.
P.O. Box 250
Richmond, IN 47374
(317) 962-6556
W.H. Hockerman, Gen. Mgr.
Emp. 50-99

IOWA (23 plants)

Associated Milk Producers, Inc.
 Ryan, IA 52330
 (319) 932-2481
 George Koch, Plant Mgr.
 Emp. 21-50

Associated Milk Producers, Inc.
 Sanborn, IA 51248
 (712) 729-3255
 Dean Peterson, Mgr.
 Emp. 51-100

Associated Milk Producers, Inc.
 Whittemore, IA 50598

Div. of Associated Milk Producers, Inc.
 San Antonio, TX
 (515) 884-2202
 Ralph Montag, Pres.
 Emp. 51-100

Mississippi Valley Milk Producers
 Assn.
 P.O. Box 4493
 Davenport, IA 52808
 (319) 391-3341
 Gaylord Fowler, Plant Mgr.
 Emp. 51-100

Meinerz Creamery of Iowa
 Div. of Beatrice Foods Co.
 Fredericksburg, IA 50630
 (515) 237-5311
 Archie Meinerz, Pres.
 Emp. 101-250

KANSAS (11 plants)

Shawnee Mission Industry, Inc.
 4500 W. 90th Terrace
 Shawnee Mission, KS 66202
 (913) 649-5011
 V.P. Trefz, Pres.

KENTUCKY 12 plants)

Albany Cheese Inc.
 Leitchfield, KY 42754
 (504) 259-4196
 A.H. Beangrand, Gen. Plant Mgr.
 Emp. 94

Armour Food Co.
 Springfield, KY 40069
 (606) 336-3922
 R.F. Goodlett, Plant Mgr.
 Emp. 84

Wine & Schulz Inc.
 903 Samuel St.
 P.O. Box 4152
 Louisville, KY 40204
 (502) 636-3431
 Norman F. Wine, Pres.
 Emp. 66

LOUISIANA (0 plants)MAINE (2 plants)MARYLAND (0 plants)

MASSACHUSETTS (7 plants)

Hood, H.P., Inc.
500 Rutherford Ave.
Boston, MA 02129
(617) 242-0600
Edward Gelsthorpe, Pres.
Emp. 4950

MICHIGAN (17 plants)MINNESOTA (29 plants)

Associated Milk Producers Inc.
200 Rail Road St.
Paynesville, MN 56362
(612) 243-3295
Caverne Anderson, Div. Mgr.
Emp. 100-249

Associated Milk Producers Inc.
700 First Ave. S.E.
Rochester, MN 55901
(507) 282-7401
Del Presnell, Div. Mgr.
Emp. 100-249

Bongards Creameries
Bongards, MN 55311
(612) 466-5521
B.E. Budham, Gen. Mgr.
Emp. 100-249

Le Sueur Creamery Inc.
719 North Main St.
Le Sueur, MN 56058
(612) 665-3353
Allen Flords, Pres.
Emp. 25-49

Houston Nonbycreek Co-op Creamery
106 N. Sheridan St.
Houston, MN 55943
(507) 896-3121
Raymond Marks, Mgr.
Emp. 25-49

Kraft Foods, Div. Kraftco Corp.
1000 East Kraft Drive
Melrose, MN 56352
(612) 256-4261
Charles Lyons, Plant Mgr.
Emp. 100-249

Kraft Foods, Div. Kraftco Corp.
2525 Bridge St.
New Ulm, MN 56073
(507) 354-4131
M.O. Mogen, Plant Mgr.
Emp. 550-749

Mid America Dairymen, Inc.
2424 Territorial Rd.
St. Paul, MN 55114
(612) 224-2895
John Doyle, Gen. Mgr.
Emp. 1000-1999

Mid America Dairymen, Inc.
311 First Street North
Winsted, MN 55395
(612) 435-2131
Leo. A. Hertel, Gen. Mgr.
Emp. 100-249

Pace Dairy Foods Co.
2700 Valley MGA Dr. N.W.
Rochester, MN 55901
(507) 288-6315
Randolph Yates, Plant Mgr.
Emp. 250-499

MISSISSIPPI (4 plants)

Marathon Cheese Corp.
P.O. Drawer C
Booneville, MS 38824
(601) 728-6262
Robert L. Buchberger, Gen. Mgr.
Emp. 83

MISSISSIPPI (cont'd)

McClendon Cheese Co.
Broad St.
P.O. Box 186
Booneville, MS 38829
(601) 728-5822
W.A. McClendon, Pres.
Emp. 22

MISSOURI (18 plants)

Clearfield Cheese Co., Inc.
116 East Oak St.
Carthage, MO 64735
(816) 885-3381
J.L. Mothersbaugh, Plant Mgr.
Emp. 244

Kraft Foods Co.
2035 E. Bennett St.
Springfield, MO 65804
(417) 881-2701
Harold Mays, Plant Mgr.
Emp. 600

Safeway Stores, Inc., Cheese Plant
1112 West Fairview
Carthage, MO 64836
(417) 358-5946
T.K. Rogler, Plant Mgr.
Emp. 190

Schrieber, L.D. Cheese Co., Inc.
127 Limestone
P.O. Box 557
Carthage, MO 64836
(417) 358-8111
M.D. Frazee, Plant Mgr.
Emp. 425

MONTANA (3 plants)

Ravalli County Creamery
400 Main St.
Hamilton, MT 59840
(406) 363-1633
Mildred Greer, Owner
Emp. 1-10

NEBRASKA (13 plants)

Neu Cheese Co.
Hartington, NE 68739
(402) 254-3250
Jim Neu, Pres.
Emp. 50-99

NEVADA (0 plants)NEW HAMPSHIRE (0 plants)NEW JERSEY (9 plants)

Northfield Cheese Co.
Sub of Kane-Miller Corp.
227 Union St.
Northvale, NJ 07508
(201) 523-5885
Mark D. Robbins, Pres.
M.K. LeVine, V.Pres.
Emp. 60

Scheps Cheese Co., Inc.
P.O. Box 8099
Haledon, NJ 07508
(201) 523-5885
Alfred Scheps, Pres.
Benedict Scheps, Exec.V.Pres.
Emp. 80

NEW MEXICO (13 plants)

Creamland Dairies, Inc.
1911 Second, N.W.
Box 25067
Albuquerque, NM 87125
(505) 247-0724
R. Mather, Pres.
Emp. 100-249

Price's Dairies
1710 Fourth N.W.
Box 1220
Albuquerque, NM 87103
(505) 242-2851
D. Price, Pres.
Emp. 100-249

NEW YORK (26 plants)

Brooke Bond Food, Inc.
 Macy Carter, E.O.
 2 Nevada Dr.
 Lake Success, NY 11040
 (516) 328-0600
 W.H. Koegler, Pres.
 Emp. 253

Dairymen's League Coop. Assoc.
 70 E. 3rd St.
 Buffalo, NY 14209
 (716) 885-7400

Friendship Dairies, Inc.
 Belvidere Road
 Friendship, NY 14739
 (716) 973-3031
 Martin Schamback, Pres.
 Emp. 150

Kraft Foods
 30 Buick Street
 Canton, NY 13617
 (315) 386-2429
 Emp. 100

Lasaponara, A. & Sons, Inc.
 Philipsburg Road
 Goshen, NY 10924
 (914) 294-5493
 Frank Oddi, Pres.

McCadam Cheese Co., Inc.
 23 Collins St.
 Chateaugay, NY 12920
 (716) 497-4541
 H.M. Dean, Pres.
 Emp. 95

Pollio Dairy Products Corp.
 650 Fountain Ave.
 Brooklyn, NY 11208
 (390) 649-5000
 J.L. Pollio, Pres.
 Emp. 250

NORTH CAROLINA (1 plant)

Coble Dairy Products Coop Inc.
 P.O. Box 629
 Lexington, NC 27292
 Davidson County
 (704) 249-9931

NORTH DAKOTA (13 plants)

Winger Cheese, Inc.
 Towner, ND 58788
 (701) 537-5463
 Jim Winger, Owner
 Emp. 25-50

OHIO (25 plants)

Borden Inc./ Food Div.
 Div. 615 W. Ervin Rd.
 Van Wert, OH 45891
 (419) 238-6840
 John Jaynes, Pres.
 Emp. 350

Fisher Cheese Div./Amfac Foods
 501 Krein Ave.
 P.O. Box 409
 Wapakoneta, OH 45895
 (419) 738-2121
 Richard L. Fogg, Pres.
 Emp. 400

Miceli Dairy Products Co.
 2721 E. 90th St.
 Cleveland, OH 44101
 (216) 791-6222
 John Niceli Sr., Pres.
 Emp. 50

OKLAHOMA (7 plants)

OREGON (6 plants)

Coquille Valley Dairy Coop
680 E. 2nd
Bandon, OR 97411
(503) 347-2461
A.J. Adams, Mgr.
Emp. 30

Mayflower Farms
1020 N. Front
Coos Bay, OR 97420
(503) 267-7033
E.D. Wyss, Mgr.
Emp. 35

Tillamook County Creamery Assn.
Hwy 101 N.
P.O. Box 313
Tillamook, OR 97141
(503) 842-4481
R.D. Sutton, Mgr.
Emp. 220

PENNSYLVANIA (13 plants)

Clearfield Cheese Co.
Cooper Rd.
Curwensville, PA 16833
(814) 236-2220
J. Kunik, Plant Eng.
Emp. 500

Farmers Cheese Coop Assoc.
R.d. 1
New Wilmington, PA 16142
(412) 946-8729
Andy E. Kurtz, Pres.
Emp. 229

Penn Dairies, Inc.
1801 Hempstead Rd.
Lancaster, PA 17604
(717) 394-5601
C.V. Haverly, Chief Eng.
Emp. 850

RHODE ISLAND (2 plants)SOUTH CAROLINA (2 plants)

Food Product Corp. of South Carolina
400 Augusta St.
P.O. Box 8961
Greenville, SC 29604
(803) 242-0424
Vern Larris, Plant Mgr.
Emp. 78

SOUTH DAKOTA (14 plants)

Big Stone Cheese Factory, Inc.
Big Stone City, SD 57216
(605) 862-8131

Dakota Cheese, Inc.
529 South Sanborn St.
Mitchell, SD 17301
(605) 996-6663

Twin Dakota's Dairy Corporation
P.O. Box 668
Pollock, SD 57648
(605) 889-2313

Valley Queen Cheese Factory, Inc.
P.O. Drawer 351
Milbank, SD 57352
(605) 432-4563

TENNESSEE (11 plants)

Avalon Dairies Inc.
U.S. 70 By-Pass
McMinnville, TN 37110
(615) 473-2314
D.M. Smith, Sr., Exec.Pres.
Emp. 50

Kraft Inc.
Eufala
Fayetteville, TN 37334
(615) 433-1507
John Golden, Plant Mgr.
Emp. 50

TENNESSEE (cont'd)

Mayfield Dairy Farms Inc.
813 Madison Ave.
Athens, TN 37303
(615) 745-2151
Thomas B. Mayfield, Pres.
Emp. 250

TEXAS (10 plants)

Weingarten, J. Inc.
600 Lockwood Dr.
Box 1698
Houston, TX 77001
(713) 528-5968
Jack Weingarten, Mgr.

UTAH (8 plants)

Cache Valley Dairy Assn.
Smithfield, UT 84335
(801) 563-6262
Emp. 300-399

Clearfield Cheese Co., Inc.
169 East 300 North
Wellsville, UT 84339
(801) 245-6424
Emp. 200-299

Gossner Cheese Factory
1000 North 1000 West
Logan, UT 84321
(801) 752-9365
Emp. 100-199

Schreiber L.D. Cheese Co., Inc.
885 North 600 West
Logan, UT 84321
(801) 752-8175
Emp. 300-399

VERMONT (6 plants)

Kraft Foods Div.
Mill St.
Troy, VT 05868
(802) 744-6600
Emp. 99

VIRGINIA (0 plants)WASHINGTON (3 plants)WEST VIRGINIA (0 plants)WISCONSIN (140 plants)

Alto Cooperative Creamery
Rt 3
Waupun, WI 53963
(414) 346-2215
George Gould, Gen. Mgr.
Emp. 120

Borden Foods, Cheese Div.
802 South St.
Plymouth, WI 53073
(414) 893-1351
D. Connors, Ch. Eng.

Cheez Co., Inc.
2321 Jefferson St.
P.O. Box 1007
Wisconsin Rapids, WI 54494
(715) 423-4259
Malcolm H. Green, Gen. Mgr.
Emp. 160

Clover Cream Dairy,
Div. of Beatrice Foods Co.
211 E. Depot St.
P.O. Box 514
Marshfield, WI 54449
(713) 384-2107
R.C. Reitz, Gen. Mgr.

Dolly Madison Dairies, Inc.
4115 Robin Road
P.O. Box 870
Eau Claire, WI 54701
(715) 835-6101
Robert C. LaGrander, Res. Plant Mgr.
Emp. 105

WISCONSIN (cont'd)

Figi's Inc.
2525 S. Roddis Ave.
P.O. Box 10
Marshfield, WI 54449
(715) 387-1771
John H. Figi, Jr., Pres.
Emp. 225

Frigo Cheese Corp.
Hwy. 141
P.O. Box 158
Lena, WI 54139
(414) 829-5251
Emp. 250

Kaukauna Dairy Products
Div. of International Multifoods
P.O. Box 229
Kaukauna, WI 54130
(414) 788-3524
V.P. Hoskins, Res. Mgr.
Emp. 125

Land O'Lakes, Inc.
Cheese Div.
306 Park St.
P.O. Box 115
Spencer, WI 54479
(715) 650-2311
Leroy McCollum, Ch.Eng.
Emp. 450

Purity Cheese Co.
650 Furnace St.
P.O. Box 27
Mayville, WI 53050
(414) 387-4000
Norman Battenberg, Res.Plant Mgr.
Emp. 180

S & R Cheese Corp.
2 E. Main St.
P.O. Box 268
Plymouth, WI 53073
Dario Rossini, Plant Mgr.
(414) 893-6061
Emp. 100

Sargento Cheese Co., Inc.
P.O. Box 360
Plymouth, WI 53073
(414) 893-8484
Bud Dick, Ch.Eng.
Emp. 280

Universal Foods Corp.
433 E. Michigan St.
P.O. Box 737
Milwaukee, WI 53201
(414) 271-6755
Cecil W. Riggan, Ch.Eng.
Emp. 630

White Clover Dairy Co., Inc.
Rt 3
Kaukauna, WI 54130
(414) 766-3517
William Hermann, Plant Supt.
Emp. 200

Wisconsin Dairies Corp.
Rt 3
Baraboo, WI 53913
(608) 356-8316
Dean D. Pfaff, Ch.Eng.
Emp. 400

WYOMING (4 plants)

Brog's Elk Horn Cheese Factory
Afton, WY 82110
(307) 886-5763
Larry Brog, Owner
Emp. 25-49

Star Valley Swiss Cheese Co.
Thayne, WY 83127
(307) 883-2446
Emp. 50-99

1.23

SIC 2026

FLUID MILK

1.231 KEY STATISTICS FOR SIC 2026

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Pasteurization	162°F - 170°F	1
<u>Current Heat Source(s)</u>		
Steam (water)	100°F - 200°F	2
<u>Total Energy Consumption</u>		
53.58 trillion BTU/year		3
Total no. of plants in U.S. 1531		4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.232 Plant Directory for SIC 2026

ALABAMA (40 plants)

Barber Pure Milk Co., Inc.
36 Barber Court
Birmingham, AL 35209
(205) 879-2351
Albert E. Geiss, Pres.
Emp. 151-200

Dairy Fresh-Dixie Dairies Corp.
509 S. Craft Hwy.
P.O. Box 10457
Prichard, AL 36610
(205) 456-3381
B. Dawson, Office Mgr.
Emp. 201-250

Farmbest Foods Inc.
Div. of Munford, Inc.
950 W. South Blvd.
P.O. Box 2749
Montgomery, AL 36105
(205) 288-4071
Robert Test, Regional Mgr.
Emp. 151-200

Meadow Gold Dairies
Div. of Beatrice Foods Co.
601 Clinton Ave. W.
P.O. Box 548
Huntsville, AL 35804
(205) 534-8464
F.N. Ford, Gen. Mgr.
Emp. 201-250

ARIZONA (11 plants)

Carnation Co.
4140 N. Central Ave.
Phoenix, AZ 85012
(602) 265-4731
C.L. Graham, Gen. Mgr.
Emp. 248

Shamrock Foods Co.
2228 North Black Canyon
Phoenix, AZ 85009
(602) 272-6721
Norm P. McClelland, Pres.
Emp. 260

ARKANSAS (16 plants)

Borden, Inc.
7900 Asher Ave.
P.O. Box 951
Little Rock, AR 72203
(501) 565-3431
E.F. Proctor, Plant Mgr.
Emp. 100-200

Coleman Dairy
5801 Asher Ave.
Little Rock, AR 72204
(501) 565-1511
Duane Osam, Plant Mgr.
Emp. 200-300

Foremost Foods Co.
222 E. Emerson
P.O. Box 550
Paragould, AR 72450
(501) 236-7618
R.A. McSpadden, Plant Mgr.
Emp. 100-200

CALIFORNIA (7 plants)

California Cooperation Creamery
Western Ave. & Baker
P.O. Box 871
Petaluma, CA 94952
(707) 763-1931
Alfred Falletti, Chief Eng.
Emp. 326

Golden Arrow Dairy
2750 Kurtz Ave.
San Diego, CA 92110
(714) 296-6205
R.E. Hodge, Pres.
Emp. 165

Quaker Maid Dairy
9933 S. Painter Ave.
P.O. Box 4489
Whittier, CA 90607
(213) 944-6161
Rob Ball, Chief Eng.
Emp. 225

COLORADO (33 plants)

Beatrice Foods Co.
450 25th St.
Greeley, CO 86631
(303) 352-7860
C.C. Rhinehart, Gen. Mgr.
Emp. 100-250

Beatrice Foods Co.
1325 W. Oxford Ave.
Englewood, CO 80110
(303) 761-2210
*William Struble
Emp. 250-500

Sinton Dairy Co.
3801 N. Sinton Rd.
Colorado Springs, CO 80907
(303) 633-3821
L.B. Parker, Pres.
100-250

Sinton Dairy Denver, Inc.
5100 Cook St.
Denver, CO 80216
(303) 623-0111
*J.E. Haberkorn
Emp. 100-250

CONNECTICUT (35 plants)

Hood, H.P. & Sons
East St. and Harvey Lane
P.O. Box 305
Suffield, CT 06096
(203) 247-3294
John Fox, Pres.
Emp. 150

Sealttest Foods
Div. of Kraftco Corp.
255 Homestead Ave.
Hartford, CT 06102
(203) 525-0161

DELAWARE (11 plants)

Lewis Dairy, Inc.
660 Pilot Town Rd.
Lewes, DE 19958
(302) 645-6281
Archie B. Brittingham, Pres.
Emp. 25

FLORIDA (58 plants)

Borden Dairy & Services
Borden, Inc.
4010 N. Lois Ave.
P.O. Box 23988
Tampa, FL 33605
(813) 877-6111
T.J. Enbanks, Mgr.
Emp. 275

Farmbest Foods, Inc.
4711 34th St. N.
P.O. Box 10850
St. Petersburg, FL 33733
(813) 526-9191
Elmer J. Dryden, Gen. Mgr.
Emp. 130

Farmbest Foods, Inc.
Sub. Munford, Inc., Atlanta, GA
7901 Baymeadows Way
P.O. Drawer R
Jacksonville, FL 32203
(904) 731-1100
Lew Robinson, Pres.
Emp. 221

Florida Dairy, Inc.
2209 40th St.
P.O. Box 5085
Tampa, FL 33605
(813) 248-3151
J.R. Guagliardo, Pres.
Emp. 126

FLORIDA (cont'd)

Lee, T.G., Foods, Inc.
315 N. Bumby Ave.
P.O. Box 2113
Orlando, FL 32802
(305) 894-4941
Richard T. Lee, Pres.
Emp. 330

McArthur Dairy, Inc.
6851 N.W. 2nd Ave.
Miami, FL 33138
(305) 754-4521
Ms. Jean McArthur Davis, Pres.
Emp. 200

Pet Inc., Dairy Group
Pet. Inc.
5700 22nd St. No.
P.O. Box 15008
St. Petersburg, FL 33733
(813) 525-2111
L.G. Mothena, Mgr.
Emp. 185

Sealtest Foods Div.
Kraft Inc. Dairy Group
17707 N.W. Miami Court
P.O. Box 673710
Miami, FL 33169
(305) 652-4411
J. Sid Tiller, Jr., Dist. Mgr.
Emp. 200

Velda Farms Div.
The Southland Corp.
P.O. Box 640008
Miami, FL 33164
(305) 651-3511
C.O. Beshears, V.Pres. & Gen. Mgr.
Emp. 137

Irvindale Dairies
Div. of Flav-O-Rich, Inc.
2121 Faulkner Rd., N.E.
Atlanta, GA 30324
(404) 634-1511
Emp. 250
W. Monroe, Gen. Mgr.

Kinnett Dairies
1243 6th Ave.
P.O. Box 351
Columbus, GA 31902
(404) 324-6651
Emp. 264
John R. Kinnett, Jr., Pres.

Kraft Inc. Dairy Group
593 Glen Iris Drive, N.E.
P.O. Box 1046
Atlanta, GA 30301
(404) 872-0711
Emp. 228
Wm. H. Thomas, Gen. Mgr.

Wells Dairies Div., Flav-O-Rich Inc.
917 Brown Ave.
P.O. Box 830
Columbus, GA 31902
(404) 327-2621
Emp. 267
R.W. Smith, Gen. Mgr.

IDAHO (14 plants)

Associated Dairies
3310 Gekeler Lane
P.O. Box 8536
Boise, ID 83707
(208) 344-7611
John Tate, Jr., Gen. Mgr.
Emp. 200-299

GEORGIA (43 plants)

Atlanta Dairies Cooperative
777 Memorial Dr. S.E.
Atlanta, GA 30316
(404) 688-2671
Emp. 504
H.F. Stubs, Pres.

ILLINOIS (34 plants)

Dean Foods Co.
General Offices
3600 River Rd
Franklin, IL 60131
(312) 678-1680
Howard M. Dean, Jr., Pres.
Emp. 700

ILLINOIS (cont'd)

Hawthorn - Melody, Inc.
4201 W. Chicago Ave.
Chicago, IL 60651
(312) 638-7800
E.S. Spielman, Pres.
Emp. 250

INDIANA (48 plants)

American Dairy of Evansville, Inc.
700 E. Missouri St.
Evansville, IN 47711
(812) 424-3351
Carl Hottenstein, Pres.
Emp. 100-249

Dean Milk Co.
Div. of Dean Foods
U.S. 31
P.O. Box 258
Rochester, IN 46975
(219) 223-2141
Richard Elber, Mgr.
Emp. 50-99

Holland Dairies, Inc.
300-310 Main St.
P.O. Box 128
Holland, IN 47541
(812) 536-2310
Harold Hinke, Pres.
Emp. 250-499

Meadow Gold Dairy
2124 Godman Ave.
P.O. Box 213
Muncie, IN 47303
(317) 288-8846
Jim Gramman, Mgr.
Emp. 50-99

New Paris Creamery Co., Inc.
P.O. Box 8
New Paris, IN 46553
(219) 831-2141
Robert Burger, Pres.
Emp. 50-99

Pleasant View Dairy Corp.
2625 Highway Ave.
Highland, IN 46322
(219) 838-0155
Barton Leip, Pres.
Emp. 50-99

Thompson Dairy Co.
201 E. Tipton St.
Box 285
Seymour, IN 46980
(219) 522-2902
J.T. Thompson, Pres.
Emp. 50-99

IOWA (42 plants)

Flynn Dairy Div.
Prairie Farms Dairy Inc.
7th & University
Des Moines, IA 50314
(515) 243-6211
Randell F. Wintersn, Gen. Mgr.

Land O'Lakes, Inc.
133 F. Ave., N.W.
Cedar Rapids, IA 52405
(319) 365-3867
John Foley, Div. Mgr.

Roberts Dairy Co.
120 W. 14th St.
Sioux City, IA 51103
(712) 277-2051
R.H. Jacobson, Mgr.

KANSAS (33 plants)

Beatrice Food Co.
2nd and Pol
Box 146
Topeka, KS 66601
(913) 233-3251
Wm. F. Davis, Mgr.
Emp. 100-250

Jackson Ice Cream Co.
2600 E. 4th
Box 1386
Hutchinson, KS 67501
(316) 663-1244
Ken Quimby, Pres.

KANSAS (cont'd)

Meyer Dairy, Inc.
Basehor, KS 66007
(913) 724-1900
Stuart Wein, Pres.

Shawnee Mission Industry, Inc.
4500 W. 90th Terrace
Shawnee Mission, KS 66207
(913) 649-5011
V.P. Trefz, Pres.

Stephen Dairy Foods Co.
700 E. Central
Box 2199
Wichita, KS 67201
(316) 267-4221
Owen C. McEwen, Pres.

KENTUCKY (31 plants)

Ehrlers Dairy
3231 Poplar Level Rd.
Louisville, KY 40213
(502) 637-9724
J.M. Ehrlers, Gen. Mgr.
Emp. 222

Sealtest Foods Div.
Kraft Co. Corp.
6330 Strawberry Lane
Louisville, KY 40214
(502) 366-4551
R.G. Thoke, Gen. Mgr.
Emp. 216

Southern Belle Dairy Co., Inc.
E. Bourne Ave.
Somerset, KY 42501
(606) 679-1131
Ralph M. Shearer, Pres.
Emp. 248

U.C. Milk Co., Inc.
234 N. Scott St. Box M
Madisonville, KY 42431
(502) 821-7221
William M. Corum, Pres. & Mgr.
Emp. 131

LOUISIANA (19 plants)

Borden Inc.
1308 Bertrand Dr.
Lafayette, LA 70501
(318) 232-5172
Fred Stewart, Mgr.
Emp. 160

Brown's Velvet Dairy Products, Inc.
P.O. Box 50789
New Orleans, LA 70152
(504) 529-2221
Benjamin T. Brown, Jr. Pres.
Emp. 250

Pelican Creamery Co.
P.O. Box 190
New Iberia, LA 70560
(318) 364-7281
Lawrence Custer, Pres.
Emp. 105

Vermillion - Clover Farm, Inc.
639 W. Vine St.
Opelousas, LA 70570
(318) 942-9741
John Taylor, Mgr.
Emp. 110

Walker Roemer Dairies, Inc.
P.O. Box 8430
Metairie, LA 70011
(504) 887-4170
Edgar E. Walker, Pres.
Emp. 107

MAINE (3 plants)

Grants Dairy Inc.
562 Union St.
Bangor, ME 04401
(207) 942-4601
Ellen W. Young, Pres.
Emp. 160

Snow Food Products
Div. of Borden Pine Point
Scarborough, ME 04074
(207) 883-4321
Harold Snow, Ch/Board
Emp. 175

MARYLAND (14 plants)

Cloverland Farms Dairy, Inc.
2200 N. Monroe St.
Baltimore, MD 21217
(301) 669-2222
Robert W. Baker, V.Pres.
Emp. 500

Green Spring Dairy, Inc.
1020 W. 41st St.
Baltimore, MD 21211
(301) 235-4477
James J. Ward, Sr., Pres.
Emp. 316

Highs of Baltimore, Inc.
2630 Sisson St.
Baltimore, MD 21211
(301) 889-7766
C.E. Shugart, Sec.Pres.
Emp. 511

Safeway Stores Inc.
Milk Dept.
6200 Columbia Pk. Rd.
Landover, MD 20785
(301) 341-6700
W.S. Mitchell, Plant Mgr.
Emp. 120

MASSACHUSETTS (73 plants)

Cumberland Farms Dairies, Inc.
777 Dedham St.
Canton, MA 02021
(617) 828-4900
Emp. 499

Hood, H.P. & Sons
233 Main St.
Agawam, MA 01001
(413) 786-7117
Emp. 250

Hood, H.P., Inc.
500 Rutherford Ave.
Boston, MA 02129
(617) 242-0600
Edward Gelsthorpe, Pres.
Emp. 4950

MICHIGAN (43 plants)

Borden, Inc.
30550 Stephcnson Hwy.
Madison Heights, MI 48071
(313) 583-9191
Emp. 405

McDonald Cooperative Dairy Co.
609 Lewis St.
Flint, MI 48502
(313) 232-9193
Emp. 322

McDonald Dairy Co.
200 13th
Ray City, MI 48706
(517) 892-4581
Dick Chapman, Gen. Mgr.
Emp. 437

Michigan Milk Producers Assn.
24270 W. Seven Mile Rd.
Detroit, MI 48219
(313) 533-7007
J.W. Barnes, Gen. Mgr.
Emp. 400

Twin Pines Farm Dairy
8101 Greenfield
Detroit, MI 48228
(313) 584-7900
Lawrence Julien, Chief Eng.
Emp. 265

MINNESOTA (68 plants)

Clover Leaf Creamery Co.
420 West Broadway
Minneapolis, MN 55411
(612) 522-6691
D.N. Holcombe, Pres.
Emp. 100-249

Ewald Bros. Inc.
2919 Golden Valley Rd.
Minneapolis, MN 55411
(612) 522-3601
Robert L. Hosp, Pres.
Emp. 100-249

MINNESOTA (cont'd)

Fairmont Foods Co.
124 N. 8th St.
Moorhead, MN 56560
(218) 233-1511
L.D. Groves, Mgr.
Emp. 100-249

First District Assoc.
216 W. Commercial
Litchfield, MN 55355
(612) 693-3236
Ronald Leaf, Mgr.
Emp. 100-249

Franklin Creamery Inc.
1925 West First St.
Duluth, MN 55806
(218) 727-6651
Anthony O. Kulas, Gen. Mgr.
Emp. 100-249

Land-O-Lakes, Inc.
Browerville, MN 53438
(612) 594-2211
Frank Karsnia, Mgr.
Emp. 100-249

Land O Lakes, Inc.
415 Grove St.
St. Paul, MN 55101
(612) 224-4991
Larry Rosenberg, Mgr.
Emp. 100-249

Marigold Foods Inc.
406 N. Broadway
Rochester, MN 55901
(507) 282-8691
David Ramsay, Pres.
Emp. 500-749

Schwans Sales Enterprises Inc.
115 W. College Dr.
Marshall, MN 56258
(507) 532-3274
M.M. Schwan, Pres.
Emp. 250-499

Superior Dairy Fresh Milk Co.
2112 N.E. Broadway
Minneapolis, MN 55413
(612) 331-6440
Philip E. Peteler, Pres.
Emp. 100-249

Terrace Park Dairy Inc.
401 E. Main
Luverne, MN 56156
(507) 283-4456
Clarence Benson, Mgr.
Emp. 100-249

MISSISSIPPI (17 plants)

Borden, Inc.
1101 Highway 82 West
P.O. Box 8459
Jackson, MS 39204
(601) 948-5242
Richard Fowlkes, Mgr.
Emp. 165

Flav-O-Rich, Inc.
Canton Div.
Highway 51 South
P.O. Box 63
Canton, MS 39040
(601) 859-2251
James E. Green, Mgr.
Emp. 140

MISSOURI (33 plants)

Fairmont Country Club Dairy
Branch of Fairmont Foods Co.
3805 Van Brunt
Box 388
Kansas City, MO 64141
(816) 921-7370
J.R. Schultz, Regional Gen. Mgr.
Emp. 233

Foremost Foods Co.
809 N. Campbell
Box 270
Springfield, MO 65801
(417) 869-7272
R.F. Quinn, Mgr.
Emp. 300

MISSOURI (cont'd)

Kraft Inc., Dairy Group
2001 Chestnut St.
St. Louis, MO 63103
(314) 231-3900
R.E. Wright, Gen. Mgr.
Emp. 307

Revely Dairy Co.
1001 S. Grand Blvd.
St. Louis, MO 63104
(314) 771-4400
Chris Kirchkhoff, Jr., Pres.
Emp. 256

MONTANA (13 plants)

Vita Rich Dairy
6 1st St.
Havre, MT 59501
(406) 265-7848
L.P. Anderson, Mgr.
Emp. over 50

NEBRASKA (15 plants)

Beatrice Foods Co.
726 L. St.
Lincoln, NE 68508
(402) 432-6541
Edward Piskac, Mgr.
Emp. 100-199

Gillette Dairy Inc.
700 E. Omaha Ave.
Norfolk, NE 68701
(402) 371-3660
Leslie Chappin, Mgr.
Emp. 100-199

NEVADA (7 plants)

Anderson Dairy Inc.
1440 Las Vegas Blvd. North
North Las Vegas, NV 89030
(702) 642-7507

Model Dairy
2045 E. Peckham Lane
Reno, NV 89502
(702) 329-2551

NEW HAMPSHIRE (3 plants)NEW JERSEY (27 plants)

Abbott's Dairies, Inc.
Sycamore Ave, Ashland
Cherry Hill, NJ 08034
(609) 429-1800
R.E. Clark, Pres.
Emp. 100

All Star Dairies, Inc.
452 Fayette St.
Perth Amboy, NJ 08862
(201) 422-8200
Daniel Rockobb, Pres.
Alvin Rockobb, V.Pres.
Emp. 111

Garden State Farms, Inc.
P.O. Box 40
Midland Park, NJ 07432
(201) 455-2200
Peter Sandfort, Pres.
Peter Sandfort, Jr., V.Pres.
Emp. 90

Johanna Farms, Inc.
Rt. 31
Flemington, NJ 08822
(201) 782-4515
L. Honig, Ch/Board
K. Goldman, Pres.
Emp. 200

O'David's Dairy
U.S. Hwy. 46
Pine Brook, NJ 27058
(201) 227-3222
William E. O'David, Pres.
Joseph P. O'David, V.Pres.
Emp. 100

NEW JERSEY (cont'd)

Tuscan Dairy Farms, Inc.
750 Union Ave.
Union, NJ 07083
(201) 686-1500
M. Weinstein, Pres.
K. Glemby, Exec.V.Pres.
Emp. 550

NEW MEXICO (13 plants)

Clardy's Dairy Products, Inc.
P.O. Box 1796
Roswell, NM 88201
(505) 622-3330
Carl Tipton, Mgr.
Emp. 50-99

Creamland Dairies, Inc.
911 Second N.W.
Box 25067
Albuquerque, NM 87125
(505) 247-0724
R. Matthew, Pres.
Emp. 100-249

Price's Dairies
1710 Fourth N.W.
Box 1220
Albuquerque, NM 87103
(505) 242-2851
D. Price, Pres.
Emp. 100-249

Crowley Foods, Inc.
145 Conklin Ave.
Binghamton, NY 13902
(607) 722-6441
Francis Crowley, Pres.
Emp. 750

Crowley Foods, Inc.
Theresa Rd.
Lafargeville, NY 13656
(716) 658-2221
C.D. Carlson, Gen. Mgr.
Emp. 107

Dairylea Coop, Inc.
Executive Offices
One Blue Hill Plaza
Pearl River, NY 10965
(914) 627-3131
R.E. Redmond, Pres.
Emp. 2600

Dairylea Coop, Inc.
70 - East Ferry St.
Buffalo, NY 14209
(716) 883-4080
J. Castle, Gen. Mgr.
Emp. 240

NEW YORK (74 plants)

Borden, Inc.
Executive Offices
227 Park Ave.
New York, NY 10017
(212) 573-4000
Eugene Sullivan, Pres.
Emp. 46,000

NORTH CAROLINA (22 plants)

Baltimore Co., The
Baltimore Dairy Farms
1 Vanderbilt Rd.
Asheville, NC 28803
(704) 252-4431
Emp. 250

NORTH CAROLINA (cont'd)

Borden Inc.
 Borden Inc. Dairy & Services
 1900 N. Main St.
 High Point, NC 27262
 (919) 883-6181
 Ken Beauman, Mgr.
 Emp. 249

Coble Dairy Products Coop Inc.
 P.O. Box 629
 Lexington, NC 27292
 (704) 249-9931
 Ricahrd Black, Plant Mgr.
 Emp. 215

Coble Dairy Products Coop Inc.
 1105 N. William St.
 Goldsboro, NC 27530
 (919) 724-0728
 C.M. Reynolds, Gen. Mgr.
 Emp. 250

Flav-O-Rich Inc.
 Long Meadow Division
 P.O. Box 8797
 Durham, NC 27707
 (919) 489-3381
 W.E. Younts Jr., Plant Mgr.
 Emp. 200

Flav-O-Rich Inc.
 United Dairies Division
 P.O. Box M2
 Greensboro, NC 27402
 (919) 299-0221
 Max Hovis, Gen. Mgr.
 Emp. 300

Flav-O-Rich Inc.
 P.O. Box 560
 Wilkesboro, NC 28697
 (919) 838-3125
 Hugh Bowman, Jr., Gen. Mgr.
 Emp. 280

Kraft Inc.
 Kraft Inc. Dairy Group
 P.O. Box 4151
 Winston Salem, NC
 (919) 723-0311
 W. R. Blackmon, Mgr.
 Emp. 350

Maola Milk & Ice Cream Co., Inc.
 P.O. Drawer 5
 New Bern, NC 28560
 (919) 638-1131
 Kathleen R. Barnes, Mgr.
 Emp. 200

Pine State Inc.
 Pine State Creamery Inc.
 P.O. Box 6188
 Raleigh, NC 27608
 (919) 828-7401
 J.D. Kilgore, Ch/Board
 Emp. 189

NORTH DAKOTA (7 plants)

Bridgeman Dairy Products
1207 E. Main
Bismarck, ND 58501
(701) 223-3180
Glenn Hielestad, Mgr.
Emp. 51-100

Producers Milk Co./Dairy Dell
4560 State Rd.
Cleveland, OH 44101
(216) 741-1200
Wm. Stann, Pres.
Emp. 180

OHIO (80 plants)

Beatrice Foods Co.
W. Monroe St.
New Bremen, OH 45869
(419) 629-2811
James Hardesty, Gen. Mgr.
Emp. 150

Borden Inc.
6330 Market St.
Youngstown, OH 44501
(216) 758-2367
Lester Leidner, Gen. Mgr.
Emp. 150

Cedar Hill Farms
136 Glenwood Ave.
Cincinnati, OH 45202
(513) 221-5200
George Huheey, Sales Mgr.
Emp. 250

Hillside Dairy
1418 Warrensville Center Rd.
Cleveland, OH 44101
(216) 381-7600
Harold W. Abell, Pres.
Emp. 180

Kroger Co./Springdale Dairy
11801 Chesterdale Rd.
Cincinnati, OH 45202
(513) 782-3700
Lawrence C. Webster, Gen. Mgr.
Emp. 150

Lawson Milk Co.
210 Broadway E.
Cuyahoga Falls, OH 44222
(216) 923-0421
Samuel D. Thompson, Jr. Pres.
Emp. 500

Sterling Milk Co.
220 N. Fulton St.
Wauseon, OH 43567
(419) 337-2015
Marvin G. Goldsmith, Pres.
Emp. 180

Superior Dairy/Ice Cream Products
4719 Navarre S.W.
P.O. Box 1345
Canton, OH 44701
(216) 477-4515
Joseph Joehnlén
Emp. 400

United Dairy Inc.
300 N 5th St.
(614) 633-1451
Joseph M. Carson, Jr., Pres.
Emp. 221

OKLAHOMA (19 plants)

Borden, Inc.
2126 North Broadway
P.O. Box 25428
Oklahoma City, OK 73125
(405) 528-2106
Elmer E. Pillers, Gen. Mgr.
Emp. 200

Beatrice Foods Company
215 N. Denver
Tulsa, OK 74103
(918) 587-2471
John Miller, Gen. Mgr.
Emp. 230

Meadow Gold Dairies
215 N. Denver
Tulsa, OK 74103
(918) 587-2471
John Miller, Gen. Mgr.
Emp. 223

OREGON (34 plants)

Farmers Cooperative Creamery
700 E Hwy 99W
McMinnville, OR 97128
(503) 472-2157
Sidney M. Huwaldt, Mgr.
Emp. 85

Standard Dairy Inc.
2808 NE Union
Portland, OR 97212
(503) 282-7733
F. Palmer, Mgr.
Emp. 83

Penn Dairies, Inc.
1801 Hempstead Rd.
Lancaster, PA 17608
(717) 394-5601
C.U. Haverly, Chief Eng.
Emp. 850

Wawa Dairy Farms
Div. of Millville Mfg. Co.
Wawa, PA 19063
(215) 566-6500
John J. Finley, Pres.
Emp. 195

PENNSYLVANIA (227 plants)

Abbotts Dairies Div.
Fairmont Foods Co.
700 Packer Ave.
Philadelphia, PA 19101
(215) 462-4900
Emp. 225

Abbotts Dairies Div.
Fairmont Foods Co.
Wilford Bldg.
33rd & Arch
Philadelphia, PA 19101
(215) 386-0200
Richard C. Tyler, Plant Mgr.
Empt. 1200

Breuninger Dairies, Inc.
3015 N. 7th St.
Philadelphia, PA 19133
(215) 225-4863
Edward A. Breuninger, Pres.
Emp. 250

Dairymens League Coop Assoc., Inc.
429 N. Main Ave.
Scranton, PA 18504
(717) 347-5688
Emp. 200

Jamestown Sanitary Dairy
Div. of Penn Traffic Co.
400-422 Franklin St.
Johnstown, PA 15901
(814) 536-7551
William Rosenbaum, Chief Eng.
Emp. 221

RHODE ISLAND (8 plants)

East Greenwich Dairy Co.
So. County Trail
Greenwich, RI 02818
(401) 884-9300
John McGraw, Pres.
Emp. 64

SOUTH CAROLINA (16 plants)

Coburg Dairy, Inc.
Coburg Rd.
P.O. Box 3128 St. Andrews Branch
Charleston, SC 29407
Richard Hanchel, Pres.
(803) 556-4870
Emp. 255

SOUTH DAKOTA (8 plants)

Black Hills Milk Producers
1130 East St. James
Box 2084
Rapid City, SD 57209
(605) 342-3780

Lakeside Dairy Company
1700 West Russell St.
Sioux Falls, SD 57104
(605) 326-1958

SOUTH DAKOTA (cont'd)

Terrace Park Dairy, Inc.
1501 West Tenth St.
Drawer T
Sioux Falls, SD 57101
(605) 336-2720

TENNESSEE (24 plants)

Kraft Dairy Group
175 Walnut
Memphis, TN 38102
(901) 525-6485
John C. Stone, Gen. Mgr.
Emp. 185

Kraft Dairy Group
1401 Church St.
Nashville, TN 37203
(615) 329-1234
Roy McClintock, Gen. Mgr.
Emp. 275

Mayfield Dairy Farms Inc.
813 Madison Ave.
Athens, TN 37303
(615) 745-2151
Thomas B. Mayfield, Pres.
Emp. 210

Southland Corp., The
1039 So. Bellevue Blvd.
Memphis, TN 38106
(901) 274-8212
Bruce Furrh, Div. Mgr.
Emp. 250

TEXAS (63 plants)

Bell Dairy Products, Inc.
201 University Ave.
Box 2588
Lubbock, TX 79408
(806) 765-8833
George C. Wilson, Pres.

Bell Dairy Products, Inc.
Southern Div.
4930 Ayers
Box 7300
Corpus Christi, TX 78415
(512) 854-5353
Carl Sallinger, Mgr.

Borden, Inc., Dairy & Services
Southern Div.
1801 Leonard
Box 1739
Dallas, TX 75221
(214) 747-8531
W.G. McMillan, Mgr.

Borden, Inc., Dairy & Services
Southern Div.
2020 Texas Ave.
Box 1186
Houston, TX 77001
(713) 227-2151
L.E. Wilson, Gen. Mgr.

Borden, Inc., Dairy & Services
Southern Div.
2405 W. Missouri
Box 751
Midland, TX 79701
(915) 684-8224
Frank Kernon, Mgr.

Borden, Inc., Dairy & Services
Southern Div.
875 E. Ashby Pl.
Box 12100
San Antonio, TX 78284
(512) 736-3101
Walter Thomas, Gen. Mgr.

Cabell's Dairies
4017 Commerce
Dallas, TX 75226
(214) 821-9166
R.A. Crowell, Gen. Mgr.

Carnation Co.
701 Waugh Dr.
Box 2503
Houston, TX 77001
(713) 523-3661
Robert E. Fleming, Gen. Mgr.

Foremost Foods Co.
3033 Ambassador Row
Box 5446
Dallas, TX 75222
(214) 631-2330
H. Eugene Beaty, Dist. Mgr.

TEXAS (cont'd)

Foremost Foods Co.
315 S. Calhoun
Box 1318
Fort Worth, TX 76101
(817) 332-4375
J.A. Baker, Dist. Mgr.

Gandy's Dairies, Inc.
332 Pulliam
Box 992
San Angelo, TX 76901
(915) 655-6965
John Gandy, Pres.

Golden Jersey Creamery, Inc.
121 W. McIntyre
Edinburgh, TX 78539
(512) 383-1605
E.B. Braden, Pres.

Hygeia Dairy Co.
720 South F
Box 751
Harlingen, TX 78550
(512) 423-2050
L. Richards, Pres.

Knowlton's, Inc.
1314 Fredericksburg Rd.
Box 666
San Antonio, TX 78293
(512) 732-1111

Meadow Gold Dairies
401 S. Lake
Box 708
Fort Worth, TX 76101
(817) unlisted
H.E. Brown, Mgr.

Price's Dairies
600 North Piedras
Box 3008
El Paso, TX 79923
(915) 565-2711
*Ken Kerrich

Pure Milk Co.
Garrison St. and Faulkner's Ln.
Box 1097
Waco, TX 76703
(817) 756-5421
Floyd Jensen, Jr., Gen. Mgr.

Safeway Stores, Inc.
Dairy Div., Milk Dept.
2909 Oakland
Garland, TX 75041
(214) 278-1535
H. Lowell Morris, Plant Mgr.

San Antonio & Farmers Dairies
7321 North Loop Dr.
Box 9427
El Paso, TX 79984
(915) 772-2736

Vandervoort Dairy Foods Co.
900 S. Main
Fort Worth, TX 76104
(817) 332-7551
Dale Bently, Plant Mgr.

UTAH (30 plants)

Beatrice Foods Company
1030 South Main
Salt Lake City, UT 84101
(801) 363-2703
Emp. 200-299

Meadow Gold Dairies
1030 South Main St.
Salt Lake City, UT 84111
(801) 363-2703
Emp. 100-199

Safeway Stores Inc
Milk Dept.
3730 W. 1820 S
Salt Lake City, UT 84104
(801) 972-5979

UTAH (cont'd)

Western General Dairies
195 West 7200 South
Midvale, UT 84047
(801) 255-3563
Emp. 300-399

Western General Dairies
1225 Wall Ave.
Ogden, UT 84401
(801) 393-8493
Emp. 200-299

Winder Dairy
4400 West 4100 South
Salt Lake City, UT 84120
(801) 969-3401
Emp. 100-199

VERMONT (5 plants)

Idlenot Farm Dairy
P.O. Box 10
North Springfield, VT 05150
(802) 886-2296
R.W. Aldrich, Pres.
Emp. 180

VIRGINIA (30 plants)

Clover Creamery Co.
Div. of Beatrice Foods
409 First St.
Radford, VA 24141
(703) 366-7677
Ernest Allen, Mgr.
Emp. 156

Curles Neck Dairy, Inc.
1600 Rosenbam Rd.
Richmond, VA 23230
(804) 355-1745
J.O. Campbell, Gen. Mgr.
Emp. 100-150

Gray's Dairy, Inc.
Weaver Pike
Bristol, VA 37620
(703) 878-2921
W.C. Fleenor, Gen. Mgr.
Emp. 8-25

Lynchburg - Westover Dairies, Inc.
2801 Fort Ave.
Lynchburg, VA 24501
(804) 528-3101
C.L. Fleshman, Pres., Mgr.
Emp. 120

Pet Dairy, Div. Pet Milk
901 Commonwealth Ave.
Bristol, VA 24201
(703) 669-3104
Roscow Denny, Mgr.
Emp. 25-100

Pet Inc. (Dairy Div)
2320 Turnpike Rd.
Poquoson, VA 23704
(804) 722-1997
Sam Garrett, Gen. Mgr.
Emp. 85

Pet Inc., Dairy Div.
1118 W. Salem Ave.
Roanoke, VA 24016
(703) 344-5501
W.H. Jenkins, Plant Mgr.
Emp. 137

Valley of Virginia Co.
41 W. Washington St.
Harrisonburg, VA 22801
(703) 434-7328
H. Scott, Mgr.
Emp. 84

Virginia Dairy Co. Inc.
1816 W. Main St.
Richmond, VA 23220
(804) 355-0771
F.R. Rennie, III, Pres.
Emp. 150

WASHINGTON (17 plants)

Arden Farms Co.
1501 Fourth Ave.
S. Seattle, WA 98134
(206) 628-2424
Harlyn Hinz, Prod. Mgr.
Emp. 300

WASHINGTON (cont'd)

Inland Empire Dairy Association
Box 7868
Spokane, WA 99208
(509) 489-2660
T.H. Brown, Gen. Mgr.
Emp. 120

Golden Guernsey Dairy Cooperative
2100 N. Mayfair Rd.
Milwaukee, WI 53226
(414) 257-3000
Gregory J. Doyle, Chief Eng.
Emp. 175

WEST VIRGINIA (16 plants)

Garvin's Jersey Farms, Inc.
121 Garvin Lane
Wheeling, WV 26003
(304) 242-2400
J.L. Garvin, Pres.
Emp. 130

Greenbriar Dairy Products Co.
Div. of Beatrice Foods Co.
Box 1720
Beckley, WV 25801
(304) 252-5325
Emp. 100

Great Atlantic & Pacific Tea Co., Inc
Coffee/Dairy Div.
102 Revere Dr.
P.O. Box 430
Manitowec, WI 54220
(414) 684-4401
J. Vaske, Plant Mgr.
Emp. 190

Lake to Lake Dairy Cooperative
2000 S. 10th St.
Manitowoc, WI 54220
(414) 684-3343
Jerome Levitan, Ch.Eng.
Emp. 360

WISCONSIN (30 plants)

Consolidated Badger Cooperative
116 N. Main St.
P.O. Box 449
Shawano, WI 54166
(715) 726-2131
Robert L. Drexler, Ch.Eng.
Emp. 520

Dolly Madison Dairies, Inc.
4115 Robin Road
P.O. Box 870
Eau Claire, WI 54701
(715) 835-6101
Robert C. LaGrander, Plant Mgr.
Emp. 105

Fairmont Foods Co.
156 N. Broadway St.
P.O. Box 2367
Green Bay, WI 54306
(414) 437-4301
B. Church, Plant Mgr.

WYOMING (17 plants)

Jersey Creamery, Inc.
So. West Works
Box 748
Sheridan, WY 82801
(307) 672-2435
Kenneth C. Smiley, Mgr.
Emp. 100-249

1.24

SIC 2033

CANNED FRUITS, VEGETABLES,
PRESERVES, JAMS, AND JELLIES

1.241 KEY STATISTICS FOR SIC 2033

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
(a) blanching/pilling	180°F - 212°F	1
(b) pasteurization	200°F	1
(c) brine - syrup heating	200°F	1
(d) source concentration	212°F	1

Current Heat Source(s)

Steam (water)	100°F - 200°F	2
Steam	250°F - 370°F	2

Total Energy Consumption

52.90 trillion BTU/year 3

Total no. of plants in U.S. 828 4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.242 Plant Directory for SIC 2033 Firms

ALABAMA (3 plants)

Alaga Whitfield Foods, Inc.
1101 N. Court St.
Montgomery, AL 36102
(205) 263-2541
G. Betz, Pres.
Emp. 301-350

Bama Food Products, Inc.
Div of Borden, Inc.
3900 Vanderbilt Rd.
P.O. Box 6266
Birmingham, AL 35217
(205) 841-0491
W.H. Brown, Pres.
Emp. 251-300

ARIZONA (2 plants)

Cahill Desert Products Co.
3123 E. Thomas Rd.
Phoenix, AZ 85016
(602) 956-2030
James Cahill, Pres.
Emp. 10

ARKANSAS (14 plants)

Allen Canning Co.
P.O. Box Q
Alma, AR 72921
(501) 632-2261
Omar Lollis, Plant Mgr.
Emp. 300-500

Allen Canning Co.
P.O. Box 250
Siloam Springs., AR 72761
(501) 524-3111
Walter Meeker, Plant Mgr.
Emp. 500-1000

Steele Canning Co.
P.O. Box S
Springdale, AR 72764
(501) 751-6111
Ed Watson, Pres.
Emp. 300-500

CALIFORNIA (66 plants)

American Home Foods Inc.
Vaca Valley
Vacaville, CA 95688
(707) 448-8411
J.W. McCallum, Eng. Mgr.
Emp. 500

California Cannery & Growers
3100 Ferry Bldg.
San Francisco, CA 94106
(415) 981-0101
Dr. James Ching (408) 292-3032
Marty Marshall (408) 286-1484
Emp. 6000

Plant 1: Lewis St.
Gilroy, CA 95020
Plant 2: 1192 Lick Ave.
San Jose, CA 95103
Plant 3: 182 S. Fair Oaks
Sunnyvale, CA 94086
Plant 4: 380 Stockton St.
San Jose, CA 95108
Plant 6: Galt Road
Thornton, CA 95686
Plant 7: East Main at A St.
Stockton, CA 95201
Plant 9: Yosemite Hwy
Merced, CA 95341

Campbell Soup Co.
Franklin Blvd. at 43rd Ave.
P.O. Box 1406
Sacramento, CA 95807
(916) 428-7890
E.A. Herman, Plant Mgr.
Emp. 1500

CHB Foods Inc.
7351 Crider Ave.
Box 218
Pico Rivera, CA 90660
(713) 723-3661
Robert J. Pasarow, Pres.
Emp. 2000

Contadina Foods, Inc.
1376 Lemon Ave.
Woodland, CA 95695
(916) 662-8661
Chris D. Roberts, Plant Mgr.
Emp. 1350

CALIFORNIA (cont'd)

Early California Foods Inc.
10960 Wilshire Blvd
Los Angeles, CA 90024
(213) 879-1480
B.J. McFarland, Pres.

Gerber Products Co.
P.O. Box 12216
Oakland, CA 94604
(415) 569-1100
L.U. Hudson, Plant Mgr.
Emp. 400

Harter Packing Co.
1321 Harter Road
Yuba City, CA 95991
(916) 673-8330
Gerald Harter, Gen. Mgr.
Emp. 522

Hunt-Wesson Foods Inc.
1645 W. Valencia
Fullerton, CA 92634
(714) 871-2100
*Richard J. Smith, V.Pres. Operation
Emp. 6000

Kern Foods Inc.
13000 E. Temple Ave.
Industry, CA 91749
(213) 962-5111
Art Leatherman, Plant Mgr.
Emp. 1200

Lemon Products Div.
Sunkist Growers, Inc.
P.O. Box 640
Corona, CA 91720
(714) 737-2420
Clyde Heaston, Chief Eng.
Emp. 450

Lindsay Olive Growers
650 W. Tulore Rd.
P.O. Box 278
Lindsay, CA 93247
(209) 562-5121
Jerry Sullivan, Prod.V.Pres.
Emp. 500

Sand W. Fine Foods Div
Imasco Foods Corp.
1730 S. El Camino Real
San Mateo, CA 94402
(415) 574-4200
P. McKewen, V.Pres. Operations
Emp. 400

Santa Clara Packing Co.
620 N. 8th Street
San Jose, CA 95108
(408) 295-2570
W. Harlow Waggoner, Pres.
Emp. 600

Stanislaus Food Products Co.
1202 D. St.
Modesto, CA 95354
(209) 522-7201
Jim Abbey, Chief Eng.
Emp. 650

Sun Garden Packing Co.
1582 S 1st St.
P.O. Box 6180
San Jose, CA 95150
(408) 297-1185
W.L. Baltaglia, V.Pres & Gen. Mgr.
Emp. 1000

Orange Products Div.
Sunkist Growers Inc.
616 E. Sunkist St.
Ontario, CA 91761
(714) 983-9811
H.J. Carvine, Jr., Div. Mgr.
Emp. 950

Treesweet Products Co.
1044 E. 4th St.
Santa Ana, CA 92702
(714) 542-1173
John D. Porter, Pres.
Emp. 400

West Foods Inc.
P.O. Box 428
Soquel, CA 95073
(408) 475-2080
Charles J. Bauman, Pres.
Emp. 900

CALIFORNIA (cont'd)

Wool F.G. Packing Co.
2296-A Senter Rd
San Jose, CA 95112
(408) 295-7887
Robert Wool, Pres.
Emp. 400

Draper Canning Co.
King Cole Dr.
Milton, DE 19968
(302) 684-8555
H. Bonk, Mgr.
Emp. 500

COLORADO (13 plants)

Fort Lupton Canning Co.
511 McKinley Ave.
Fort Lupton, CO 80621
(303) 857-6685
B.F. Counter, Pres.
Emp. 100-250

Kuner Empson Co.
400 N. Kuner Rd.
Brighton, CO 80601
(303) 659-1710
D.G. Orr, Pres.
Emp. 100-250

Skyland Food Corp.
W. 9th St.
Delta, CO 81416
(303) 874-4438
M.E. Simpson, Gen. Mgr.
Emp. 100-250

Western Food Products Co., Inc.
2nd and Grant
LaJunta, CO 81050
(303) 384-4441
Charles Benschmidt, Pres.
Emp. 100-250

Jenkins Food Corp.
Charles St.
Box 263
Milford, DE 19963
(302) 422-8075
J.O. Jenkins, Pres.
Emp. 300

Pack & Process, Inc.
1400 B. St.
Wilmington, DE 19801
(302) 658-5148
H.M. Ames, Mgr.
Emp. 200

Silverbrook Foods, Inc.
3301 Lancaster Ave.
Box 2855
Wilmington, DE 19801
(302) 654-4428
Edward J. Perrone, V.Pres.

H.P. Cannon & Son Inc.
P.O. Box 277
Bridgeville, DE 19933
(302) 337-8201
H.P. Cannon, II, Chairman
Emp 100

FLORIDA (67 plants)

Adams Packing Assn, Inc.
Royal Crown Cola Company
625 Bridges Ave
P.O. Box 37
Auburndale, FL 33823
(813) 967-4431
Ben R. Adams, Pres.
Emp. 700

CONNECTICUT (3 plants)DELAWARE (9 plants)

Draper Foods Inc.
Box 299
Milford, DE 19963
(302) 684-8501
F.S. Draper, Mgr.
Emp. 150

FLORIDA (cont'd)

Bordo Citrus Products Cooperative
7th St. & Ave. 'R' S.N. Winter Haven
P.O. Box 1152
Winter Haven, FL 33880
(813) 294-5951
J.D. Tidwell, Gen. Mgr.

Coca Cola Company
The Foods Division
614 McKean
P.O. Box 247
Auburndale, FL 33823
(813) 967-6611
W.M. Walker, Plant Mgr.

Griffin, Ben Hill, Inc.
6th Street
P.O. Box 127
Frostproof, FL 33843
(813) 635-2251
B.H. Griffin, Jr., C/Board
Emp. 1300

Griffin, Ben Hill, Inc. Cannery Div.
Highway 60 West
P.O. Box 1716
Bartow, FL 33830
(813) 533-4165
Preston Troutman, V.Pres.
Emp. 325

Holly Hill Fruit Products Co., Inc.
Hwy. 17-92
P.O. Box 708
Davenport, FL 33837
(813) 422-1131
L.W. McKnight, Pres.
Emp. 313

Hood, H.P., Inc.
427 San Christopher Dr.
P.O. Box 979
Dunedin, FL 33528
(813) 733-2121
Warren F. Donovan, Dir.
Emp. 300

Paradise Fruit Company, Inc.
1200 W. Haines St.
P.O. Drawer Y
Plant City, FL 33566
(813) 756-1155
Melvin S. Gordon, Pres.
Emp. 300

Plymouth Citrus Products Coop
P.O. Box 367
Plymouth, FL 32768
(305) 886-1111
J. Elliott Seabrook, Exec.V.Pres.
Emp. 450

Tropicana Products Inc.
1001 13th Ave. East
P.O. Box 338
Bradenton, FL 33506
(813) 747-4461
Anthony T. Rossi, Pres.
Emp. 1600

GEORGIA (39 plants)

Pomona Products Co., Inc.
Pimiento Ave.
P.O. Drawer B
Griffin, GA 30224
(404) 228-8456
Emp. 310
Bob Daniel, Dir. of Mkt.

IDAHO (7 plants)

American Fine Foods, Inc.
26 N. St.
Box 460
Payette, ID 83361
(208) 642-9061
R.B. Moss, Mgr.
Emp. 300-499

Green Giant Co.
Box 586
Buhl, ID 83316
(208) 543-4322
Oran Scholl, Mgr.
Emp. 500-999

ILLINOIS (35 plants)

Agar Food Products Co.
Sub of Bluebird Inc.
700 E. 107th St.
Chicago, IL 60628
(312) 995-0100
Alan T. Anderson, Pres.
Emp. 600

Campbell Soup Co.
2550 W. 35th St.
Chicago, IL 60632
(312) 376-3700
J. M. Evans, Plant Mgr.
Emp. 718,000

Del Monte Corp.
Midwest Div.
Lincoln Ave & 15th St.
Chicago, IL 61068
(815) 562-2141
M.L. Willson, Div. Mgr.
Emp.

Green Giant Company
Coleman Ave.
Box 158
Belvidere, IL 61008
(815) 547-5311
Tony Biebl, Supt. Frozen Veg. Prod.
Emp. 300

Home Juice Co.
15th & Bloomingdale Aves.
Melrose Park, IL 60160
(312) 345-3350
Albert A. Allen, Pres.
Emp. 300

Libby, McNeil & Libby
Container Div. Plant No. 1
11800 S. Ashland
Chicago, IL 60643
(312) 568-3300
R.V. Murray, V.Pres.
Emp. 400

INDIANA (27 plants)

Del Monte Corp.
901 W. Morrison St.
P.O. Box 126
Frankfort, IN 46041
(317) 654-4421
Emp. 100-249

Fettig Canning Corp.
1900 South D St.
P.O. Box 495
Elwood, IN 46036
(317) 552-3386
L. Fettig, Sec/Tres
Emp. 50-99

Great Atlantic & Pacific Tea Co., Inc
The Ann Page Div.
300 N. Fruitridge Ave.
P.O. Box 840
Terre Haute, IN 47808
(812) 232-0321
Mark Buchheim, Plant Mgr.
Emp. 500-999

Morgan Packing Co.
499 Ott St.
P.O. Box 64
Franklin, IN 46131
(317) 736-5822
Bud Walker, Supt.
Emp. 100-249

Morgan Packing Co.
Austin, IN 47102
(812) 794-1170
Emp. 1000-2499

Morgan Packing Co.
1121 W. Spring
(812) 358-4852
Brownstown, IN 47220

NAAS Foods, Inc.
Williams St.
P.O. Box 277
Geneva, IN 46740
(219) 368-7241
Robert Rensinger, Mgr.
Emp. 100-249

INDIANA (cont'd)

RJR Foods, Inc.
506 W. North St.
P.O. Box 398
Plymouth, IN 46563
(219) 936-3131
James South, Plant Mgr.
Emp. 100-249

Sexton Food Co.
1800 Churchman Ave.
P.O. Box 1531
Indianapolis, IN 46206
(317) 786-1415
G.G. Hughes, Gen. Mgr.
Emp. 250-499

Sharp Canning Co., Inc.
800 S. Dougherty St.
P.O. Box 247
Bluffton, IN 46714
(219) 824-1422
Emp. 200-249

IOWA (9 plants)

Ackley Food Processors, Inc.
W. Sherman Ave.
Ackley, IA 50601
(515) 847-2646
Richard L. Bogaard, Pres.
Emp. 51-100

Heinz U.S.A.
1357 Isett Ave.
P.O. Box 57
Muscatine, IA 52761
(319) 263-5711
Donald R. Heckman, Mgr.
Emp. 501-1000

KANSAS (4 plants)KENTUCKY (15 plants)

Paramount Foods Inc.
Pickledilly Station
Louisville, KY 40213
(502) 969-9363
Lewis A. Hirsch, Pres.
Emp. 350

Shedd Bartosh Foods Div.
2440 S. Floyd St.
Louisville, KY 40217
(502) 637-3631
J.V. Stockell
Emp. 112

U.C. Milk Co., Inc.
234 N. Scott St.
Box M
Madisonville, KY 42431
(502) 821-7221
William M. Corum, Pres.
Emp. 131

LOUISIANA (12 plants)

Allen Canning Co.
P.O. Box 368
Oak Grove, LA 71263
(318) 428-2334
Hollis Horton, Plant Mgr.
Emp. 220

Joan of Arc
Rt. 1 Box 164
Belledean, LA 71341
(318) 563-4586
Tom Ballen, Mgr.
Emp. 350

Joan of Arc Co.
P.O. Drawer 490
St. Francisville, LA 70775
(504) 635-3341
Ed Danial, V.P. Prod.
Emp. 360

MAINE (8 plants)

Stewart A.L. & Sons
Cherryfield, ME 04622
(207) 546-2617
C.A. Stewart
Emp. 400

Burnham E. Morrell Co.
One Bean Pat Circle
Portland, ME 04104
(207) 772-8341
Emp. 325

MAINE (cont'd)

Underwood, Wm. Co. Burnham
M.R. Morrell DV-1 Bean Pot C
Portland, ME 04104
(207) 772-8341
Wm Underwood, Pres.
Emp. 350

MARYLAND (26 plants)

Dececco Inc.
Box 66
Rhodesdale, MD 21659
(301) 943-4454
Irving Handy, Treas.
Emp. 200

Friel, SEW
Queenstown, MD 21658
(301) 827-8811
James R. Friel, Gen. Mgr.
Emp. 400

Green Spring Dairy Inc.
1020 W. 41st St.
Baltimore, MD 21211
(301) 235-4477
James J. Ward, Gen. Mgr.
Emp. 316

Green Giant Co.
Dulany Ave.
Fruitland, MD 21826
(301) 749-3191
Don Bruner, Plant Supt.
Emp. 355

Kings Creek Canning Co., Inc.
Princess Anne, MD 21853
(301) 651-1717
Sidney F. Miller, Pres.
Emp. 380

Royal Packing Co., Inc.
Vienna, MD 21869
(301) 376-3200
Marion L Wheatley, Pres.
Emp. 275

MASSACHUSETTS (23 plants)

Corenco Corp.
525 Waburn St.
Tewksbury, MA 01876
(617) 454-8811
Chester K. Twiss, Pres & Ch.Exec.Off.
Emp. 646

Naples Food Prod. Co.
206 Dexter Ave.
Watertown, MA 02172
(617) unlisted
Frank Gallelo, Plant Mgr.
Emp. 2510

Ocean Spray Cranberries, Inc.
Main St.
Hanson, MA 02341
(617) 293-6311
Harold Thorkilsen, Pres.
Emp. 600

MICHIGAN (44 plants)

Blissfield Canning Co., Inc.
607 Jipson
Blissfield, MI 49228
(313) 486-3521
G.A. Waigle, Owner
Emp. 450

Michigan Fruit Cannery
248 Ninth St.
P.O. Box 68
Benton Harbor, MI 49022
(616) 927-4411
R. Floate, Pres.
Emp. 400

Michigan Fruit Cannery, Inc.
Fennville, MI 49408
(616) 561-8211
L.E. Sobkowski, Chief Eng.
Emp. 400

Stokely - Van Camp, Inc.
409 Wood
Hart, MI 49420
(616) 873-2136
C.E. Steen, Plant Mgr.
Emp. 1500

MINNESOTA (30 plants)

Campbell Soup Co.
115 Ninth St.
Worthington, MN 56187
(507) 376-6188
E.R. Thomas, Plant Eng.
Emp. 750-999

MINNESOTA (cont'd)

Goodhue Canning Co.
10 Slee St.
Kenyon, MN 55946
(507) 789-5274
Stephens J. Lange, Pres.
Emp. 100-249

Green Giant Co.
710 E. 7th St.
Blue Earth, MN 56013
(507) 526-2131
Terry L. Classon, Office Supt.
Emp. 100-249

Green Giant Co.
Glencoe, MN 55336
(612) 864-3151
Tom Wyman, Pres.
Emp. over 2000

Green Giant Co.
Le Seuer, MN 56058
(612) 665-3515
Robert C. Cosgrove, Ch/Board
Emp. over 2000

Libby, McNeill & Libby
1217 3rd Ave. S.E.
Rochester, MN 55901
(507) 289-3926
Michael H. Haney, Plant Mgr.
Emp. 500-749

Owatonna Canning Co.
105 W. Worth St.
Owatonna, MN 55060
(507) 451-7670
Stephens J. Lange, Pres.
Emp. 250-499

Stokely Van Camp Inc.
440 E. 9th St.
Fairmont, MN 56031
(507) 235-3311
E.O. Olesen, Dist. Mgr.
Emp. 750-999

MISSISSIPPI (2 plants)

Allen Canning Co.
P.O. Box 607
Moorhead, MS 38761
(601) 246-7441
D.E. Allen Sr., Ch/Board
Emp. 150

MISSOURI (11 plants)

Trenton Foods
Div of Carnation Co.
1401 Harris St.
Trenton, MO 64683
(816) 359-3913
Robert Linford, Oper. Mgr.
Emp. 416

MONTANA (2 plants)

Bitterroot Cannery
315 N. 1st
Hamilton, MT 59840
(406) 363-5990
John Parker, Mgr.
Emp. 1-10

NEBRASKA (0 plants)NEVADA (1 plant)NEW HAMPSHIRE (2 plants)

Weeks - Concord, Inc.
328 N. State St.
Concord, NH 03301
(603) 225-3379
John F. Weeks, Pres.
Emp. 172

NEW JERSEY (28 plants)

Continental Processing Corp.
The Federal Co.
55 Webro Rd
P.O. Box 1927
Clibben, NJ 07015
(201) 773-1800
H.M. Bier, Pres.
C.S. Lilienbeld, Exec.V.Pres.
Emp. 200

Del Monte Corp.
136 Church St.
Suedesboro, NJ 08085
(609) 467-0300
R.W. Hall, Gen. Mgr.
E.J. Arregni, C/Mgr.
Emp. 250

Geigers Cider Mill & Restaurant, Inc.
560 Springfield Ave.
Westfield, NJ 07083
(201) 233-2260
Emp. 112

Globe Products, Inc.
The Federal Co
55 Webro Rd.
P.O. Box 1927
Clifton, NJ 07015
(201) 773-1800
Harold M. Bier, Pres.
Curtis Lilienfield, Exec.V.Pres.
Emp. 270

Hunt Wesson Foods Inc.
Grove St.
Bridgeton, NJ 08302
(609) 451-5100
Peter Lnx, P/M
Emp. 600

Johanna Farms, Inc.
Rt. 31
Flemington, NJ 08822
(201) 782-4515
K. Goldman, Pres.
L. Honig, C/Board
Emp. 200

Manischewitz Food Products Corp.
Sub of Manischewitz Co.
214 N. Delsea Dr.
Vineland, NJ 08360
(609) 692-6350
Bernard Manischewitz, Pres.
Robert M. Sturr, Exec.V.Pres.
Emp. 100

Ocean Spray Cranberries, Inc.
104 East Park St.
Bordentown, NJ 08505
(609) 298-0905
Harold Therkilsen, Pres.
G.H. Morse, C/Board
Emp. 180

Progresso Foods Corp.
500 Elmer Rd.
Vineland, NJ 08360
(609) 691-1565
G. Torminn, Pres.
R. Novak, V.Pres.
Emp. 483

Rokeach, I. & Sons, Inc.
Water & Chestnut Sts.
Farmingdale, NJ 07727
(201) 938-6131
Monroe Nash, Pres.
M. Stern, C/Board
Emp. 100

Tuscan Dairy Farms, Inc.
750 Union Ave.
Union, NJ 07083
(201) 686-1500
M. Weinstein, Pres.
K. Glemby, V.Pres.
Emp. 550

NEW MEXICO (1 plant)

Sweet Potato Growers Assoc.
308 West Commercial
Portales, NM 88130
(505) 356-4061
Bob Gore, Mgr.
Emp. 10-19

NEW YORK (33 plants)

Bison Canning Co. Inc.
 South Main St.
 Angola, NY 14006
 (716) 549-0076
 Franklin Drago, Pres.
 Emp. 150

Borden Inc.
 Foods Div
 26 Center St.
 Randolph, NY 14772
 (716) 358-6451
 Robert Messenger, Gen. Mgr.
 Emp. 231

C-B Foods
 147 Clay Rd.
 Box 670
 Rochester, NY 14602
 (716) 475-1200

Comstock Foods
 7451 Pittsford Palmyra Rd.
 Fairport, NY 14450
 (716) 223-2770
 Richard Brown, V.Pres.
 Emp. 350

Comstock Foods
 1000 S. Main St.
 Newark, NY 14513
 (315) 331-1800
 R.R. Brown, Pres.
 Emp. 500

Curtice - Burns, Inc.
 P.O. Box 157
 Alton, NY 14413
 (315) 483-6771
 Ed Burns, Pres.
 Emp. 325

Duffy-Mott Co., Inc.
 Bearswamp Rd.
 Williamson, NY 14589
 (315) 589-4911
 R.A. Klock, Plant Mgr.
 Emp. 275

French, R.T. Co, The
 1 Mustard St.
 Rochester, NY 14609
 (716) 482-8000
 E.S. Reveal, Pres.
 Emp. 350

Kraft Foods Div
 26 Talcott St.
 Dunkirk, NY 14048
 (716) 366-2000
 J.A. Johnsen, Office Mgr.

Lyndonville Canning Co, Inc..
 151 West Ave.
 Lyndonville, NY 14098
 (716) 765-2231
 G.M. Smith, Pres.
 Emp. 150

Silver Creek Preserving Corp.
 287 Central Ave.
 Silver Creek, NY 14136
 (716) 934-3708
 Nahum Pratt, Pres.
 Emp. 380

Sterling Cooperative, Inc.
 Sterling, NY 13156
 (315) 947-5232
 Frank Patane, Pres.
 Emp. 180

United Brands Co.
 30 Rockefeller Plaza
 New York, NY 01120
 (212) 489-0363
 W.W. Booth, Pres.
 Emp. 60,000

Vlasic Foods, Inc.
 Liebowitz, Div.
 9301 Ditmas Ave.
 Brooklyn, NY 11236
 (212) 342-4886

Welch Foods Inc.
 20 South Portage St.
 Westfield, NY 14787
 (716) 326-3131
 R.C. Campbell, Pres.
 Emp. 1444

NORTH CAROLINA (11 plants)

American Home Products Corp.
 Lucks Inc 1
 P.O. Drawer A
 Seagrove, NC 27341
 (919) 873-2311
 G.B. Bourns, V.P. & Plant Mgr.
 Emp. 100-249

Cannon, H.P. & Sons, Inc.
 Box 1119
 Dunn, NC 28334
 (919) 892-3175
 Roy V. Tew, V.Pres.
 Emp. 100-249

Hardees Food System Inc.
 Fast Food Merchandisers Inc 1
 P.O. Box 1619
 Rocky Mount, NC 27801
 (919) 977-2000
 Hugh Todd, V.P.
 Emp. 100-249

NORTH DAKOTA (2 plants)OHIO (42 plants)

Fremont Kraut Co.
 Sub. of Fremont Co.
 724 N. Front St.
 P.O. Box 525
 Fremont, OH 43420
 (419) 332-6481
 Russell G. Sorg, Pres.
 Emp. 150

Heinz H.J. Co.
 N. Sta St.
 P.O. Box 647
 Fremont, OH 43420
 (419) 332-7357
 R.M. Adams, Gen. Mgr.
 Emp. 600

Hunt Wesson Foods Inc
 Div Norton Simon Inc.
 Glenwood Rd.
 P.O. Box 107
 Perrysburg, OH 44454
 (419) 666-2120
 W.R. Langdon, Gen. Mgr.
 Emp. 300

Libby, McNeil & Libby
 701 W. Main St.
 Leipsic, OH 45856
 (419) 943-2121
 W.E. Mangold, Pres.
 Emp 153

Loma Linda Foods
 Mt. Vernon Plant
 13246 Wooster Rd.
 P.O. Box 388
 Mount Vernon, OH 43050
 (614) 397-7077
 Glen Blix, Gen. Mgr.
 Emp. 100

Minster Canning Co
 5 Ohio St
 Minster, OH 45865
 (419) 628-3467
 Luke F. Beckman, Pres.
 Emp. 150

Smucker J.M. Co
 Strawberry Ln
 P.O. Box 280
 Orrville, OH 44667
 (216) 682-0015
 Paul Smucker, Pres.
 Emp. 476

Stokely - Van Kamp Inc
 Mill St.
 Curtice, OH 43412
 (419) 836-3111
 L.T. Nicholson, Plant Mgr.
 Emp. 100

Stokely Van Kamp Inc.
 W Wall St
 Paulding, OH 45879
 (419) 399-2836
 D. Porter, Gen. Mgr.
 Emp. 200

Worthington Foods
 Div of Miles Labs Inc.
 900 Proprietors Rd.
 Worthington, OH 43085
 (614) 885-9511
 A.R. Buller, Exec.V. Pres.
 Emp. 300

OKLAHOMA (13 plants)

Griffin Mfg. Co.
Div of Griffin Grocery Co.
111 South Cherokee
P.O. Box 1923
Muskogee, OK 74401
(918) 687-6311
John Griffin, Pres.
Emp. 210

Stilwell Foods, Inc.
5 East Walnut
P.O. Box 432
Stilwell, OK 74960
(918) 774-7222
E. Claude Todd, Pres.
Emp. 450

OREGON (40 plants)

Agripac, Inc.
799 Ferry St.
Eugene, OR 97401
(503) 484-3600
Dan Frandsen, Mgr.
Emp. 350

Agripac, Inc.
325 Patterson Ave. N.W.
Salem, OR 97304
(503) 363-9255
Ronald E. Marker, Pres.
Emp. 300

Castle and Cooke, Inc.
255 Cordon Rd. N.E.
Salem, OR 97301
(503) 581-2471
Charles E. Muman, Pres.

Castle and Cooke, Inc.
14th & Oxford St. S.E.
Salem, OR 97302
(503) 362-4181

Diamond Fruit Growers Inc.
3rd and Cascade
Hood River, OR 97031
(503) 386-3111
R.M. Thompson, Mgr.
Emp. 350

Gray & Co.
23 & Douglas
P.O. Box 218
Forest Grove, OR 97116
(503) 357-3141
A. Jorgusen, Mgr.
E.J. Bailey, V.Pres.
Emp. 140

Haleys Food
Div. of CHB Foods
560 S.E. 4th St.
Hillsboro, OR 97123
(503) 648-1181
R.J. Pasarow, Mgr.
Emp. 120

Stayton Canning Co. Coop

806 N. First.
Silverton, OR 97381
(503) 873-8395
Harvey A. Kendell, Pres.
Kenneth A. Stephens, Supt.
Emp. 100

4752 Liberty Road S.
Salem, OR 97302
(503) 581-4531
Harvey A. Kendell, Pres.
Robert Bankston, Supt.
Emp. 150

930 Washington St.
Stayton, OR 97383 (home office)
(503) 769-2101
Walter L. Smith, Pres.
Emp. 625

Tunitt Bros. Inc.
1105 Front St. N.E.
Salem, OR 97308
(503) 362-3674
David J. Tunitt, Owner
Peter W. Tunitt, Owner
Emp. 140

PENNSYLVANIA (20 plants)

Furmon Canning Co.
R.d. 1
Northumberland, PA 17857
(717) 473-3516
Thomas Fitzgerald, Plant Eng.
Emp. 300

Kennett Canning Co.
Cypress & West Sts
P.O. Box K
Kennett Square, PA 19348
(215) 444-5820
Richard O. Mayo, Gen. Mgr.
Emp. 325

Knouse Foods Coop, Inc.
Grant St.
Chambersburg, PA 17201
(717) 263-9177
Dean L. Carey, Pres.
Emp. 300

Knouse Foods Coop, Inc.
Peach Glen, PA 17306
(717) 677-8181
George Hikes, Ch.Eng.
Emp. 657

Oxford Royal Mushroom Prod., Inc.
Rte 79G
Kelton, PA 19346
(215) 869-2404
Thomas E. Bell, Jr., Gen. Mgr.
Emp. 300

Welch Foods, Inc.
S. Lake St.
North East, PA 16428
(814) 725-4577
N.M. Brown, Pres.
Emp. 400

RHODE ISLAND (2 plants)SOUTH CAROLINA (10 plants)

Jones Brothers Canning Co.
210 Pennsylvania St.
Green, SC 29651
(803) 877-4340
W. Lewis Jones, Mgr.
Emp. 199

SOUTH DAKOTA (1 plant)TENNESSEE (10 plants)

Bush Brothers & Co.
Rt. 4
Dandridge, TN 37725
(615) 623-2361
C.J. Ethier, Pres.
Emp. 490

Smucker, T.R., Co., The
4740 Burbank Rd.
Memphis, TN 38118
(901) 362-3550
N.E. Cole, Plant Mgr.
Emp. 100

Stokely Van Kamp
Food Div
915 E. Broadway
Newport, TN 37821
(615) 223-2333
A.J. Stokely, Pres.
Emp. 600

TEXAS (55 plants)

Ashley's, Inc.
6590 Montana Ave.
El Paso, TX 79925
(915) 772-4217
R.R. Jameson, V.Pres.Mfg.

TEXAS (cont'd)

Athens Canning Co.
312 Underwood
Box 750
Athens, TX 75751
(214) 675-2253
Patsy R. Dorsey, Gen. Mgr.

Del Monte Foods, Inc.
Southwest Div.
Drawer E
Crystal City, TX 78839
(512) 374-3451
E.A. Lohrmann, Div. Mgr.

Knapp-Sherrill Co.
331 S. 12th
Drawer E
Donna, TX 78537
(512) 464-3382
Charles M. Sherrill, Jr., Pres.

Knapp-Sherrill Co.
Elsa Canning Co. Div.
401 N. Fannin
Drawer E
Donna, TX 78537
(512) 464-3382

Kraft Inc.
2340 Forest Ln.
Garland, TX 75040
(214) 272-7511
H.R. Neill, Plant Mgr.

Renown Foods Co.
2201 W. Highway Ave.
McAllen, TX 78501
(512) 686-4304
J.R. St. Clair, Pres.

Renown Foods Co.
426 Iowa
San Juan, TX
Mail to:
2201 W. Highway Ave.
McAllen, TX 78501
(512) 686-4304

Riviana Foods Inc.
2727 Allen Pkwy.
Box 2636
Houston, TX 77001
(713) 529-3251
W.H. Lane, Pres.

Safeway Stores, Inc.
Brookside Div.
Finished Products Plant
1404 W. Washington
Drawer C
Denison, TX 75020
(214) 465-3545
Frank K. Massey, Reg. Mgr.

Stokely - Van Camp, Inc.
2822 Glenfield
Box 24507
Dallas, TX 75224
(214) 331-5451
Miles Shern, Plt. Mgr.

TEXAS (cont'd)

Taornina Co.
225 S. 13th
Box 965
Donna, TX 78537
(512) 464-3328

Texas Citrus Exchange
Citrus Canning Plant
224 North F.
Box 31
Harlingen, TX 78550
(512) 423-7196
William P. Plier, Process Mgr.

Texas Citrus Exchange
Citrus Concentrate Plant
Box 311
Mission, TX 78572
(512) 585-4503
Larry Tumlinson, Plant Mgr.

Texsun Corp.
522 Texas Blvd.
Box 327
Weslaco, TX 78596
(512) 968-2141
M.B. Wright, V.Pres & Gen. Mgr.

Woldert Canning Co.
Box 355
Lindale, TX 75771
(214) 882-3154

UTAH (8 plants)

Del Monte Corp.
1325 Washington
Ogden, UT 84401
(801) 394-9453
Emp. 500-699

Del Monte Corp.
521 South Main
Smithfield, UT 84335
(801) 563-6232
Emp. 400-499

VERMONT (1 plant)VIRGINIA (10 plants)

National Fruit Products Co., Inc.
550 Fairmont Ave.
Winchester, VA 22601
(703) 662-3401
Emp. 250-750

Old Virginia Packing Co., Inc.
6th St. Ext.
Front Royal, VA 22630
(703) 635-3141
J.N. Major, Jr., Pres.
Emp. 100

Shawnee Canning Co.
Cross Junction, VA 22625
(703) 888-3429
W.L. Whitacre, Mgr.
Emp. 3-70

Shenandoah Apple Co. Op. Inc.
701 Fairmont Ave.
Winchester, VA 22601
(703) 662-0331
H.D. Robinson, Pres.
Emp. 45- 450

WASHINGTON (17 plants)

Del Monte Corp.
3rd and Walnut
P.O. Box 1528
Yakima, WA 98907
(509) 575-6580
John E. Ward, Area Supt.
Emp. 500

Libby, McNeil & Libby
910 N. 1st Ave.
Yakima, WA 98902
(509) 248-5621
Mel Carter, Plant Mgr.
Emp. 900

Ocean Spray Cranberries Inc.
Markham Star Route
Aberdeen, WA 98520
(206) 648-2258
T. Wagner, Area Mgr.
Emp. 200

WASHINGTON (cont'd)

Rogers Walla Walla Inc.
P.O. Box 998
Walla Walla, WA 99362
(509) 525-8390
H.G. Hohwiesner, Gen. Mgr.
Emp. 600

Snokist Growers
P.O. Box 1587
Yakima, WA 98907
(509) 453-5631
Frank Coleman, Gen. Mgr.
Emp. 400

Fall River Canning Company
Poser Road
P.O. Box 68
Fall River, WI 53932
(414) 484-3321
Wm.W. Evans, Pres.
Emp. 375

Green Giant Company
East Central Region
1322 N. Spring St.
Beaver Dam, WI 53916
(414) 887-1771
J. McDowell, Plant Supt.
Emp. 200

WEST VIRGINIA (2 plants)

Pet Milk Co. Musselman Div.
Inwood, WV 25428
(304) 229-5855
N.M. Walter, Plant Mgr.
Emp. 250

National Fruit Products Co.
P.O. Box 804
Martinsburg, WV 25401
(304) 267-8996
Ralph M. Saville, Plant Mgr.
Emp. 375

Larsen Company
520 N. Broadway St.
P.O. Box 1127
Green Bay, WI 54305
(414) 435-5301
Edward F. Mattick, V.Pres. Eng.
Emp. 500

Oconomowoc Canning Co.
626 E. Wisconsin Ave.
P.O. Box 248
Oconomowoc, WI 53066
(414) 567-9151
James Hathaway, Eng.
Emp. 325

WISCONSIN (48 plants)

Aunt Nellie's Foods, Inc.
P.O. Box 67
Clyman, WI 53016
(414) 696-3331
Edwin Pleus, Ch.Eng.
Emp. 350

California Cannery and Growers
Badger Rd. & U.S. Hwy. 41
Lomira, WI 53048
Mail to: P.O. Box 1237
Fond du Lac, WI 54935
(414) 269-4361
Walter Doucett, Ch.Eng.
Emp. 200

WYOMING (0 plants)

1.25

SIC 2037

FROZEN FRUITS, FRUIT
JUICES AND VEGETABLES

1.251 KEY STATISTICS FOR SIC 2037

<u>Identified Processes</u>	<u>Temperature</u>	<u>Reference</u>
a) juice pasteurization	200°F	1
b) blanching	180°F - 200°F	1
c) citrus juice preparation	190°F	1
d) cooking	170°F - 212°F	1

Current Heat Source(s)

Steam (water)	100°F - 200°F	2
Steam	250°F - 370°F	2

Total Energy Consumption

32.76 trillion BTU/year 3

Total no. of plants in U.S. 385 4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.252 Plant Directory for SIC 2037 Firms

ALABAMA (2 plants)

Prepared Food Products, Inc.
3104 W. Main St.
Prichard, AL 36612
(205) 456-4556
N.J. Stallworth, Pres.
Emp. 6-10

ARIZONA (0 plants)ARKANSAS (3 plants)

Morton Frozen Foods Div.
Hwy. 64 East
P.O. Box 250
Russellville, AR 72801
(501) 968-2535
William V. Blackford, Plant Mgr.
Emp. 1000-2500

Ole South Foods Co.
3300 Brown St.
P.O. Box 4257
Little Rock, AR 72214
(501) 664-5264
Frank D. Hickingbotham, Pres.
Emp. 100-200

CALIFORNIA (23 plants)

Artichoke Industries Inc.
11599 Walsh St.
Castroville, CA 95012
(408) 633-2423
Reno Costella, Pres.
Emp. 250

Bowie Pies Inc.
4607 S. Main St.
Los Angeles, CA 90037
(213) 232-4301
Emp. 250
Gilbert L. Rochon, C/Board

Brendlin Rice & Co.
1302 W. Stowell Rd.
Santa Maria, CA 93454
(805) 922-2168
Phillip Brendlin, V.Pres.
Emp. 150

Dob Corp.
Fairmont Foods Co.
2500 S. Red Hill
Santa Ana, CA 92705
(714) 556-1550
Harold B. Derstine, Gen. Mgr.
Emp. 250

Green Giant Co.
735 W. Beach St.
Watsonville, CA 95076
(408) 722-4601
Bennie H. Hill, Plant Supt.
Emp. 950

Inglis John Frozen Foods Co.
Blosser & Stowell Rds.
P.O. Box 669
Santa Maria, CA 93454
(805) 925-2467
Don Schvien, Div. Mgr.
Emp. 250

Paramount Citrus Assoc. Inc.
11030 Stranwood Ave.
San Fernando, CA 91341
(213) 361-1171
Eugene J. Shamoan, Pres.
Emp. 250

Seabrook Foods Co. Inc.
11th & K Street
Sanger, CA 93657
(209) 875-8531
Leroy Rogers, Plant Mgr.
Emp. 650

Spiegl Foods Inc.
1219 Abbott St.
P.O. Box 1491
Salinas, CA 93901
(408) 757-3221
Emp. 1500
Howard E. Lemon, V.Pres.

CALIFORNIA (cont'd)

Walsh Dave Co., Inc.
10/3 Abbott St.
Salinas, CA 93901
(408) 758-3853
Dave Walsh, Pres.
Emp. 400

COLORADO (4 plants)

Skyland Food Corp.
W 9th St.
Delta, CO 81416
(303) 874-4436
M.E. Simpson, Gen. Mgr.
Emp. 100-250

CONNECTICUT (4 plants)

Hartford Provision Co, The, Gen. Office
159 Main St.
Stamford, CT 06904
(203) 324-6194
Louis Lotstein, Pres.
Emp. 300

Red L. Foods, Inc.
Main St.
Monroe, CT 06468
(203) 268-8633
Norman Kennedy, Pres.
Emp. 195

DELAWARE (11 plants)

W.L. Wheatley, Inc.
Rte. 6 & Duck Creek Rd.
Clayton, DE 19938
(302) 653-9281
James S. Bradley, V.Pres.
Emp. 100

FLORIDA (45 plants)

Adams Packing Assn., Inc.
Royal Crown Cola Co.
625 Bridgers Ave.
P.O. Box 37
Auburndale, FL 33823
(813) 967-4431
Ben P. Adams, Pres.
Emp. 700

Bordo Citrus Products Coop
7th St & Ave. 'R' S.W.
P.O. Box 1152
Winter Haven, FL 33880
(813) 294-5951
J.D. Tidwell, Gen. Mgr.
Emp. 275

Citrus World, Inc.
U.S. Highway 27
P.O. Box 1111
Lake Wales, FL 33853
(813) 676-1411
Joseph D. Marshburn, V.Pres; Gen. Mgr.
Emp. 1200

Coca Cola Co, The Foods Div
614 McKean
P.O. Box 247
Auburndale, FL 33823
(813) 967-6611
W.M. Walter, Plant Mgr.
Emp. 440

Evans Packing Co.
Evans Properties, Inc.
P.O. Box 1137
Dade City, FL 33525
(904) 567-5661
J.E. Evans, Jr., Pres.
Emp. 450

Golden Gem Growers Inc.
P.O. Drawer 9
Umatilla, FL 32784
(904) 669-2101
John F. Nelson, Sr., Mgr. & Pres.
Emp. 1500

FLORIDA (cont'd)

Griffin, Ben Hill, Inc.
6th St.
P.O. Box 127
Frostproof, FL 33843
(813) 635-2251
B.H. Griffin, Jr., Chmn./Board
Emp. 1300

Holly Hill Fruit Products Co, Inc.
Hwy 1292
P.O. Box 708
Davenport, FL 33837
(813) 422-1131
L.W. McNight, Pres.
Emp. 313

Hood, H.P. Inc.
427 San Christopher Dr.
P.O. Box 979
Dunedin, FL 33528
(813) 733-2121
Warren J. Donovan, Dir.
Emp. 300

Plymouth Citrus Products Coop
P.O. Box 367
Plymouth, FL 33768
(305) 886-1111
J. Elliott Seabrook, Exec.V.Pres.
Emp. 450

Southern Fruit Distributors, Inc.
100 W. Pineloch St.
P.O. Box 8367
Orlando, FL 32806
(305) 859-3550
A.A. Garuso, Pres.
Emp. 285

Tropicana Products, Inc.
1001 13th Ave. East
P.O. Box 338
Bradenton, FL 33506
(813) 747-4461
Anthony T. Rossi, Pres.
Emp. 1600

Winter Garden Citrus Products Coop
9th & Maple Streets.
P.O. Box 399
Winter Garden, FL 32787
(305) 650-1000
J.H. Bock, Gen. Mgr.
Emp. 411

GEORGIA (7 plants)

Sea Pak, Div. W.R. Grace & Co.
200 Glyndale Dr.
Brunswick, GA 31520
(912) 264-0093
H.J. Cofer, Jr., Pres.
Emp. 533

Southern Frozen Foods Div.
321 Plant St.
P.O. Box 306
Montezuma, GA 31063
(912) 472-8101
Emp. 650
Preston Williams, Pres.

IDAHO (17 plants)

American Potato Co.
Collins Siding
Box 592
Blackfoot, ID 83221
(208) 785-3200
M.F. Eberhard, Exec.V.Pres.
Emp. 300-499

Carnation Co., Processed Potato Div.
Middleton Rd. & Hiway 30
P.O. Box 7
Nampa, ID 83651
(208) 466-8901
William Busacker, Plant Mgr.
Emp. 300-499

General Food's Corp.
4th St. 3rd Rd.
Box 337
Nampa, ID 83651
(208) 466-3514
Dean Sanderson, Plant Mgr.
Emp. 500-999

Idaho Frozen Foods, Inc.
836 Russett St.
P.O. Box 128
Twin Falls, ID 83301
(208) 733-5664
Vern Routh, Pres.
Emp. 300-499

IDAHO (cont'd)

J.R. Simplot
 Box 460
 Aberdeen, ID 83210
 (208) 397-4121
 R.E. Wright, Mgr.
 Emp. 200-299

Food Div.in Heyburn
 Emp. 500-999

Food Div.in Caldwell
 Emp. 1000

Jones-Normel Foods of Idaho, Inc.
 301 B. St.
 P.O. Box 696
 Lewiston, ID 83501
 (208) 743-3596
 S. Kilfoyle, Mgr.
 Emp. 200-299

Lamb-Weston, Inc.
 Box 428
 American Falls, ID 83211
 (208) 226-2301
 R. Dykehouse, Mgr.
 Emp. 500-999

Ore-Ida Foods, Inc., Corporate Office
 1109 Main St.
 Box 10
 Boise, ID 83701
 (208) 343-7941
 Susan Gerhart, Pr. Mgr.
 Emp. 200-299

Ore-Ida Foods, Inc.
 Hiway 30 West
 P.O. Box 10
 Burley, ID 83318
 (208) 678-9431
 Evan Nelson, Mgr.
 Emp. 1000 & over

The A & P Tea Co.
 W. of City
 Box 219
 Burley, ID 83318
 (208) 678-8336
 L. Dalling, Mgr.
 Emp. 300-499

Twin City Foods, Inc.
 1st and Railroad
 Box 647
 Lewiston, ID 83501
 (208) 743-5568
 C.M. Lien, Mgr.
 Emp. 300-499

ILLINOIS (28 plants)

Davis-Cleaver Produce Co.
 235 N. 4th St.
 Quincy, IL 62301
 (217) 223-0322
 John Patrick, Pres.
 Emp. 270

INDIANA (15 plants)

Green Giant Co.
 2620 Concord Rd.
 Lafayette, IN 47905
 (317) 474-6411
 W.J. Connell, Plant Mgr.
 Emp. 250-499

IOWA (0 plants)KANSAS (5 plants)KENTUCKY (1 plant)LOUISIANA (0 plants)MAINE (8 plants)

American Kitchen Foods
 Div of American Kitchens, Inc.
 Reach Rd.
 Caribou, ME 04736
 (207) 768-5911
 Jules Salzbank
 Emp. 600

MAINE (cont'd)

Vahlsing, Inc.
 Station Rd.
 Easton, ME 04740
 (207) 488-2011
 F.H. Vahlsing Jr., Pres.
 Emp. 600

MARYLAND (10 plants)

Campbell Soup Co.
 W. Isabella & West Rd..
 P.O. Box 1618
 Salisbury, MD 21801
 (301) 742-2181
 C.W. Hatfield, Plant Mgr.
 Emp. 698

Crisfield Realty Co.
 Crisfield, MD 21817
 (301) 968-0360
 Edward J. Piszek, Plant Mgr.
 Emp. 192

Dutterer's of Manchester Corp.
 115 S. Main St.
 Manchester, MD 21102
 (301) 833-0370
 Vernon Mules, Plant Mgr.
 Emp. 120

Kraft Inc. Dairy Group
 2701 Loch Raven Rd.
 Baltimore, MD 21218
 (301) 889-3900
 James E. Peterson, Gen. Mgr.
 Emp. 295

Saulsbury Bros. Inc.
 Ridgely, MD 21660
 (301) 634-2141
 A.O. Saulsbury, Sr., Pres.
 Emp. 300

MASSACHUSETTS (14 plants)

Commodore Foods, Inc.
 645 Lawrence St.
 Lowell, MA 01852
 (617) 459-2551
 J. Boggia, V.Pres. Mfg.
 Emp. 350

Corenco Corp.
 525 Woburn St.
 Tewksbury, MA 01876
 (617) 454-8811
 Chesbe K. Twiss, Pres. & Ch.Exec.Off

Seiler Corp, The
 153 Second Ave.
 Waltham, MA 02154
 (617) 890-6200
 Robert Hanlon, V.Pres. & Div. Mgr.

MICHIGAN (30 plants)

Lake Odessa Canning Co.
 1315 Sherman
 Lake Odessa, MI 48849
 (616) 374-8873
 Walter Reed, Gen. Mgr.
 Emp. 150

Ore-Ida Foods, Inc.
 5835 S. Vining Rd.
 P.O. Box 44
 Greenville, MI 48838
 (616) 754-4631
 Joe Holbrook, Plant Mgr.
 Emp. 350

Pet Inc.
 1121 Main
 Frankfort, MI 49635
 (616) 352-9641
 Duane Williams, Plant Mgr.
 Emp. 180

Traverse City Canning Co.
 3710 Cass Road
 P.O. Box 427
 Traverse City, MI 49684
 (616) unlisted
 Emp. 250

MICHIGAN (cont'd)

Welch Foods, Inc.
 Lincoln St.
 Lawton, MI 49065
 (616) 624-4141
 A.J. Monta, Chief Eng.
 Emp. 200

MINNESOTA (9 plants)

Stokely Van Camp Inc.
 Box 6
 Winnebago, MN 56098
 (507) 893-3161
 K.L. Schutt, Plant Mgr.
 Emp. 250-499

MISSISSIPPI (1 plant)

Allen Canning Co.
 P.O. Box 607
 Moorhead, MS 38761
 (601) 246-7441
 D.E. Allen, Ch./Board
 Emp. 150

MISSOURI (5 plants)

Banquet Foods Corp., Div of RCA
 253 West Marion St.
 Marshall, MO 65340
 (816) 886-3301
 Carlyle Stamper, Jr., Mgr.
 Emp. 957

MONTANA (0 plants)NEBRASKA (0 plants)NEVADA (0 plants)NEW HAMPSHIRE (0 plants)NEW JERSEY (13 plants)

Buitoni Foods Corp.
 Div of Ibp Industrie Buitoni Perungina
 450 Huyler St.
 Hackensack, NJ 07607
 (201) 440-8000
 M. Gass, Exec.V.Pres.
 Emp. 360

Green Giant Co.
 North Mill Rd.
 Vineland, NJ 08360
 (609) 692-0550
 T. Wyman, Pres.
 R. Cosgrove, Ch./Board
 Emp. 204

Seabrook Foods, Inc.
 Sub of Springs Mill, Inc.
 Seabrook, NJ 08302
 (609) 455-1000
 J.M. Seabrook, Pres.
 Jerre L. Pearson, Ch./Board
 Emp. 330

NEW MEXICO (1 plant)

MI Ranchito Foods Inc.
 P.O. Box 248
 Bayard, NM 88023
 (505) 537-3868
 Arnold Orquiz, Part.
 Emp. 1-9

NEW YORK (14 plants)

Freezer Queen Foods, Inc.
 P.O. Box 948
 West Seneca, NY 14240
 (716) 826-2500
 P.L. Snyder, Pres.
 Emp. 700

NEW YORK (cont'd)

General Foods Corp.
Food Products Div.
607 Phillip St.
Fulton, NY 13069
(315) 598-7000
J. Weisbeck, Controller
Emp. 431

Monroe Frozen Foods, Inc.
111 Kelly Ave.
Middleport, NY 14105
(716) 735-7722
S. Schneider, V.Pres.
Emp. 120

Orchard Hill Farms, Inc.
68 S. Broadway
Red Hook, NY 12571
(914) 758-2041
John Hoey, Pres.
Emp. 165

Seneca Foods Corp.
74 Seneca St.
Dundee, NY 14837
(607) 243-7171
Arthur S. Wolcott, Pres.
Emp. 650

Southland Frozen Foods, Inc.
1 Linden Place
Great Neck, NY 11021
(516) 466-3200
Charles Rizzuto, Pres.
Emp. 300

NORTH CAROLINA (3 plants)

Great Atlantic & Pacific Tea Co.
A & P Meat Plant
P.O. Box 1209
Charlotte, NC 28208
(704) 392-8386
Emp. 6

NORTH DAKOTA (1 plant)

International Coop, Inc.
Highway 2 West
Grand Forks, ND 58201
(701) 746-6431
James Spinsler, Mgr.
Emp. over 100

OHIO (9 plants)

Quality Brands Inc.
29525 Chagrin Blvd #201
Cleveland, OH 44101
(216) 464-3737
Stanley Schneider, Pres.
Emp. 100

RJR Foods Inc.
Div. RJR Inds.
100 E Broadway
Jackson, OH 45640
(614) 286-2111
E. Evans, D.A.
Emp. 400

Stouffer Corp
Stouffer Foods Div
5750 Harper Rd.
Solon, OH 44139
(216) 248-0700
Alan McDonald, Pres.
Emp. 1300

OKLAHOMA (9 plants)

Pet, Inc.
Frozen Foods Div
501 Michigan Ave.
Chickasha, OK 73018
(405) 224-3445
Don Fox, Mgr.
Emp. 218

OREGON (34 plants)

Agripac, Inc.
799 Ferry St.
Eugene, OR 97401
(503) 484-3600
Emp. 350

General Foods Corp.
P.O. Box 568
Woodburn, OR 97071
(503) 981-0111
Emp. 554

Lamb-Weston
P.O. Box 109
Weston, OR 97886
(503) 526-3511
Emp. 225

Seabrook Foods Inc.
745 W. 30th
Albany, OR 97321
(503) 928-3306
Emp. 170

Simplot Company, Jr.
Butter Creek Hwy
Hermiston, OR 97838
(503) 567-9733
Mike Tunison, Mgr.
Emp. 700

Stayton Canning Co. Coop.
930 W. Washington St.
Stayton, OR 97383
(503) 769-2101
Walter L. Smith, Pres.
Emp. 625

Stokely - Van Camp Inc.
240 N. Hill St.
Albany, OR 97321
(503) 926-2258
Emp. 140

PENNSYLVANIA (9 plants)

Mrs. Paul's Kitchens
5830 Henry Ave.
Philadelphia, PA 19128
(215) 483-4000
John W. Ritchie, Gen. Mgr.
Emp. 400

Mrs. Smith's Pie Co.
South & Charlotte Sts.
Pottstown, PA 19464
(215) 326-2600
David L. Stevenson, Pres.
Emp. 1200

Musselman Fruit Products Div.
Div of Pet, Inc.
Biglerville, PA 17307
(717) 677-7111
Robert O. Burkhardt, V.Pres.
Emp. 837

RHODE ISLAND (0 plants)SOUTH CAROLINA (5 plants)

Campbell Soup Co., Inc.
Sumter Plant
P.O. Box 1569
Sumter, SC 29150
(803) 481-8555
Ernest Hawksworth, Jr., P.A.
Emp. 1800

Rich of Carolina, Inc.
Louis Rich Drive
P.O. Box 640
Newberry, SC 29108
(803) 276-5015
Charles Harve, Gen. Mgr.
Emp. 470

SOUTH DAKOTA (1 plant)TENNESSEE (2 plants)

Winter Garden Inc.
Dawson Ave.
Bells, TN 38006
(901) 663-2341
James I. Tankersley, Pres.
Emp. 600

TEXAS (7 plants)

Rio Grande Foods, Inc.
3701 W. Military Hwy.
Box 1287
McAllen, TX 78501
(512) 682-1368
Dale Robbins, Gen. Mgr.

Texas Citrus Exchange
Citrus Concentrate Plant
Box 311
Mission, TX 78572
(512) 585-4503
Larry Tumlinson, Plant Mgr.

Texsun Corp
522 Texas Blvd.
Box 327
Weslaco, TX 78596
(512) 968-2141
M.B. Wright, Gen. Mgr.

Winter Garden, Inc.
3135 E. 14th
Box 1752
Brownsville, TX 78520
(512) 542-5621
W.M. Carmichael, Mgr.

Woldert Canning Co.
Box 355
Lindale, TX 75771
(214) 882-3154

UTAH (0 plants)VERMONT (0 plants)VIRGINIA (3 plants)WASHINGTON (23 plants)

Cedergreen Foods Corp.
P.O. Box 38
Wenatchee, WA 98801
(509) 662-6177
C.R. Cedergreen, Pres.
Emp. 350

Chef Reddy Foods Corp.
P.O. Box 607
Othello, WA 99344
(509) 488-9611
W.H. Funke, Gen. Mgr.
Emp. 650

National Fruit Canning Co.
P.O. Box 9366
Seattle, WA 98109
(206) 322-8900
Emp. 1000

National Fruit Canning Co.
P.O. Box 479
Chehalis, WA 98532
(206) 748-4403
Coe Johnson, Mgr.
Emp. 250

Rogers Walla Walla Inc.
P.O. Box 998
Walla Walla, WA 99362
(509) 525-8390
H.G. Hohwiesner, Gen. Mgr.
Emp. 600

Stokely Van Camp Inc.
P.O. Box 456
Mount Vernon, WA 98273
(206) 336-6533
E.C. Miller, Opers. Mgr.
Emp. 400

WASHINGTON (cont'd)

Twin City Foods Inc.
P.O. Box 699
10120 269th Pl. N.W.
Stanwood, WA 98292
(206) 629-2111
Emp. 1200

WEST VIRGINIA (2 plants)WISCONSIN (7 plants)

Chico Enterprises
Rt. 1
Sturgeon Bay, WI 54235
(414) 743-9521
Al Naibert, Plant Eng.
Emp. 120

Green Giant Company
East Central Region
1322 N. Spring St.
Beaver Dam, WI 53916
(414) 887-1771
J. McDowell, Plant Supt.
Emp. 200

Libby, McNeil & Libby
P.O. Box 398
Darien, WI 53114
(414) 724-3266
W. King, Plant Mgr.
Emp. 375

WYOMING (0 plants)

1.26

SIC 2051

BREAD AND OTHER BAKERY GOODS,
EXCEPT COOKIES AND CRACKERS

1.261 KEY STATISTICS FOR SIC 2051

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Proofing	100°F	1
Baking	450°F	1
<u>Current Heat Source(s)</u>		
Steam	250°F - 370°F	2
Steam (air)	250°F - 450°F	2
<u>Total Energy Consumption</u>		
51.88 BTU/year		3
Total no. of plants in U.S. 2408		4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.262 Plant Directory for SIC 2051 Firms

ALABAMA (40 plants)

Flowers Baking Co of Birmingham
Div of Flower Industries, Inc.
2828 7th Ave. N.
P.O. Box 10526
Birmingham, AL 35202
(205) 322-6763
G.E. Heiner, Pres.
Emp. 257-300

Flowers Baking Co., Inc.
Div of Flower Industries, Inc.
1149 1st Ave.
P.O. Box 1279
Gadsden, AL 35902
(205) 546-0411
A.M. McCoy, Pres.
Emp. 251-300

Merico, Inc.
Div of Campbell Taggart, Inc.
New Valley Head Rd.
P.O. Box 560
Fort Payne, AL 35967
(205) 845-4850
B. Inmar, V.Pres.
Emp. 251-300

Smith's Bakery, Inc.
1100 Dauphin St.
P.O. Box 109
Mobile, AL 36601
(205) 476-1611
Gordon Smith, III, Pres.
Emp. 301-350

ARIZONA (19 plants)

Holsum Bakery, Inc.
408 S. 23rd Ave.
Phoenix, AZ 85009
(602) 252-2351

*L. Edward Eisele, Jr., Pres.
Emp. 470

ARKANSAS (16 plants)

ITT Continental Baker, Inc.
123 W. Capitol St.
P.O. Box 827
Little Rock, AR 72203
(501) 372-5116
Claude E. Westerman, Gen. Mgr.
Emp. 200-300

Merico Inc.
4200 Hoerner
Little Rock, AR 72209
(501) 562-4783
Warren Rivers, Plant Mgr.
Emp. 200-300

Meyers Bakery of Blytheville
215 S. 2nd St.
P.O. Box 1316
Blytheville, AR 72315
(501) 362-2074
Othar Sterling, Plant Mgr.
Emp. 200-300

Meyers Bakeries of Hope, Inc.
Rt 2
Box 107B
Hope, AR 71801
(501) 777-4613
James Hart, V.Pres & Mgr.
Emp. 200-300

CALIFORNIA (42 plants)

American Bakeries Co.
Langendorf Div.
P.O. Box 1291
Berkeley, CA 94701
(415) 841-2052
John E. McCarthy, V.Pres.
Emp. 4000

Barbara Ann - Langendorf Bakeries
7222 E. Gage Ave.
Los Angeles, CA 90040
(213) 773-1923

CALIFORNIA (cont'd)

Bridgford Foods Corp.
1308 N. Patt St.
Anaheim, CA 92801
(714) 526-5533
Wm. Blankenship, Chief Eng.
Emp. 400

Ingles William & Sons Baking Co.
2651 S. Airport Way
Stockton, CA 95206
(209) 466-5191
Rex Ingles, Pres & Gen. Mgr.
Emp. 400

ITT Continental Baking Co.
1790 Industrial Way
Redwood City, CA 94063
(415) 367-0555
Emp. 2471

Plants:

1525 Bryant St.
San Francisco, CA 94103

1010 46th St.
Emeryville, CA 94662

1324 - 26 Arden Way
Sacramento, CA 95815

9340 Santa Monica Blyd.
Beverly Hills, CA 90213

6007 St. Andrew Place S.
Los Angeles, CA 90047

1717 14th St.
San Diego, CA 92112

Kilpatrick's Bakeries Inc.
2030 Folsom St.
San Francisco, CA 94110
(415) 431-0810
Buford E. Roberts, Pres & Gen. Mgr.
Emp. 490

Oroweat Foods Co.
3000 Sand Hill Rd.
Menlo Park, CA 94025
(415) 854-4666
R.P. Kirby, Pres.
Emp. 2200

Oroweat Foods Co.
480 S. Vail Ave.
Montebello, CA 90640
(213) 721-5161
Hall Coffin, Gen. Mgr.
Emp. 900

Safeway Stores Inc.
Bakery Div.
999 Newhall St.
San Jose, CA 95126
(408) 248-4400
Walter J. Schoendorf, V.Pres.

COLORADO (52 plants)

ITT Continental Baking
80 E 62nd St.
Denver, CO 80216
(303) 428-7431
*Fred R. Martich, Gen. Mgr.
Emp. 250-500

CONNECTICUT (79 plants)

Arnold Bakers, Inc.
Hamilton Ave.
Greenwich, CT 06830
(203) 531-7600
Robert Kirby, Pres.
Emp. 1000

Nancy Lynn Bakeries, Inc.
Div. of Grand Union Co.
925 Housatonic Ave.
Bridgeport, CT 06606
(203) 366-4936
C.J. Rimpinelle, Exec.V.Pres.
Emp. 300

Pepperidge Farm Inc.
Westport Ave.
Norwalk, CT 06856
(203) 847-0456
R.G. McGovern, Pres.
Emp. 3500

CONNECTICUT (cont'd)

Reymond Baking Co., Inc.
2457 E. Main St.
Waterbury, CT 06704
(203) 756-7871
Robert Schaus, Pres.
Emp. 200

DELAWARE (6 plants)FLORIDA (58 plants)

American Bakeries Co.
2200 S. Division St.
P.O. Box 233
Orlando, FL 32805
(305) 843-5110
D.P. Meyers, Plant Mgr.
Emp. 425

Butter Krust Bakeries Inc. Div.
Div. Beatrice Foods Co.
W. Memorial Blvd.
P.O. Box 1707
Lakeland, FL 33802
(813) 682-1155
James LaFlame, V.Pres.
Emp. 355

Dandee Bakeries
Flowers Baking Co.
325 Avenue 'O'
P.O. Box 640
Fort Pierce, FL 33450
(305) 461-3700
A.J. Hallonquist, Pres.
Emp. 300

Fuchs Baking Co.
5761 Sunset Dr.
South Miami, FL 33143
(305) 661-3441
George M. Wilson, Exec. Officer
Emp. 537

GEORGIA (82 plants)

Atlanta Baking Co.
165 Bailey St. S.W.
Atlanta, GA 30314
(404) 688-2564
Hunter Farish, Pres.
Emp. 482

Colonial Baking Co. of Atlanta
211 Moreland Ave. N.E.
P.O. Box 5270
Atlanta, GA 30307
(404) 688-9210
J.L. Armstrong, Pres.
Emp. 590

Derst Baking Co.
1311 W. 52nd St.
P.O. Box 6298
Savannah, GA 31405
(912) 233-2235
E.J. Derest Jr., Pres.
Emp. 385

Flower's Baking Co.
236 S. Madison St.
P.O. Box 1219
Thomasville, GA 31792
(912) 226-5331
Gary Harrison, Pres.
Emp. 418

Interstate Brands Corp.
1969 Victory Dr.
Columbus, GA 31903
(404) 324-6616
R.C. Lowery, Gen. Mgr.
Emp. 651

Pet Inc.
Bakery Div.
101 Clark Ave.
P.O. Box 2197
Rome, GA 31061
(404) 232-7773
William Reeder, Jr., Plant Mgr.
Emp. 330

Toms Foods Ltd.
900 8th St.
P.O. Box 60
Columbus, GA 31902
(404) 323-2721
J.W. Feighner, Pres.
Emp. 1100

IDAHO (18 plants)

General Host Corp.
DBA Eddy's Bakery
208 N. 17th St.
Box 2834
Boise, ID 83701
(208) 342-2581
Carl Beavers, Div. Mgr.
Emp. 100-199

Eddy's Bakery, Inc.
328 S. 4th
Box E
Pocatello, ID 83201
(208) 232-8252
Gerald Bowen, Mgr.
Emp. 100-199

ILLINOIS (121 plants)

Beatrice Foods Co.
120 S. LaSalle St.
Chicago, IL 60603
(213) 782-3820
James L. Putt, Pres.
Emp. less than 300

Buttermaid Bakeries
5659 S. LaSalle St.
Chicago, IL 60621
(312) 637-5900
James Belew, Pres.
Emp. 530

Jewell Companies, Inc.
5725 N. East River Rd.
Chicago, IL 60618
(312) 693-6000
W.R. Christopherson, Pres.
Emp. less than 300

Interstate Brands Corp.
1511 W. Lincoln Ave.
Peoria, IL 61605
(309) 674-9221
W.A. Costello, Plant Mgr.
Emp. 370

ITT Continental Baking Co.
9555 W. Soreng Ave.
Schiller Park, IL 60176
(312) 678-0491
Wm. Donahue, PH. Comptr.
Emp. 700

Jewel Companies, Inc.
Jewel Food Stores
1955 W. North Ave.
Melrose Park, IL 60160
(312) 531-6000
W.Y. Elisha, Pres.
Emp. 800

Kitchens of Sara Lee
500 Waukegan Rd.
Deerfield, IL 60015
(312) 945-2525
Thomas F. Barnum, Pres.
Emp. 1200

Mary Ann Baking Co.
4545 W. Lyndale St.
Chicago, IL 60639
(312) 489-5400
L. Kuchuris, Pres.
Emp. 700

Mary Ann Baking Co.
4600 W. Chicago Ave.
Chicago, IL 60651
(312) 378-7000
L. Kuchuris, Gen. Mgr.
Emp. 350

National Baking Co.
5001 W. Polk St.
Chicago, IL 60644
(312) 261-6000
Emanuel J. Glyman, Pres.
Emp. 340

Northwest Cone Co.
7575 S. Kostner Ave.
Chicago, IL 60652
(312) 767-3300
Henry Shapiro, Pres.
Emp. 1700

ILLINOIS (cont'd)

Pepperidge Farm, Inc.
230 Second St.
Downers Grove, IL 60515
(312) 938-4000
R.E. Smith, Gen. Mgr.
Emp. 600

Purity Baking Co.
1171 N. Water St.
Box 1338
Decatur, IL 62525
(217) 423-7585
W.T. Webb, Pres.
Emp. 500

INDIANA (55 plants)

American Bakeries Co.
711 E. Murray
Indianapolis, IN 46227
(317) 787-3294
Emp. 250-499

Bunny Bread Co.
500 N. Fulton
Evansville, IN 47710
(812) 425-4642
R.J. Lewis, Pres.
Emp. 500-999

Colonial Baking Co., Inc.
2465 Winthrop Ave.
Indianapolis, IN 46205
(317) 923-3333
David Fechtmeister, Pres.
Emp. 250-499

Colonial Baking Co.
3200 Kilgore Ave.
Muncie, IN 47304
(317) 388-6687
Bill Truesdale, Pres.
Emp. 100-249

ITT Continental Baking Co.
2929 N. Shadeland Ave.
P.O. Box 26106
Indianapolis, IN 46226
(317) 547-9421
C.H. Webb, Mgr.
Emp. 250-499

Kroger Co., The Bakery Div.
6801 English Ave.
P.O. Box 19190
Indianapolis, IN 46219
(317) 359-8441
E.W. Novack, Mgr.
Emp. 250-499

Kreamo Bakeries, Inc.
1910 Lincoln Way W.
South Bend, IN 46628
(219) 234-0188
William Busse, Gen. Mgr.
Emp. 100-249

Nickles Bakery of Indiana, Inc.
600-614 Harrison St.
Elkhart, IN 46515
(219) 293-0608
Lev Paidkowski, Area Mgr.
Emp. 100-249

Sap's Foods Inc.
Div of Beatrice Foods
2741 Central Ave.
Box 857
Columbus, IN 47201
(812) 372-4442
P. Essex, Pres.
Emp. 250-499

IOWA (33 plants)

Clear Lake Bakery, Inc.
20 N. 4th St.
Clear Lake, IA 50428
(515) 357-5264
Wm. Burkhardt, Pres.
Emp. 101-250

IOWA (cont'd)

Colonial Baking Co of Cedar Rapids
400 8th St. S.E.
Box 849
Cedar Rapids, IA 52406
(319) 364-4151
Robert H. Hensen, Pres.
Emp. 101-250

ITT Continental Baking Co., Inc.
1034 E. River Dr.
P.O. Box 3989
Davenport, IA 52808
(319) 323-3647
Raymond E. Myers, Gen. Mgr.
Emp. 251-500

Rainbo Baking Co.
501 W. 6th St.
Lexington, KY 40508
(606) 254-7736
Paul A. Schutte, Pres.
Emp. 193

Rainbo Baking Co. of Louisville
1455 S. 7th St.
Louisville, KY 40208
(502) 634-0511
H.F. Waters, Pres.
Emp. 244

LOUISIANA (24 plants)KANSAS (66 plants)

Betts Baking Co.
Box 1665
Hutchinson, KS 67501
(316) 662-1261
Gerald K. Betts, Pres.
Emp. 250-500

Dolly Madison Cakes
1525 Industrial Rd.
Emporia, KS 66801
(316) 342-6811
Lue Goads, Gen. Mgr.
Emp. 500-1000

KENTUCKY (30 plants)

Griffin Pie Co Inc.
London, KY 40741
(606) 864-5161
Emp. 320

Kerns Bakery Inc.
P.O. Box 627
London, KY 40741
(606) 864-2725
Judson E. Oakes, Gen. Mgr.
Emp. 375

Cotton Baking Co., Inc.
P.O. Box 3545
Shreveport, LA 71103
(318) 424-8286
W. Ray Downey, Gen. Mgr.
Emp. 225

Cotton's Inc.
P.O. Box 1589
Baton Rouge, LA 70821
(504) 355-4471
Donald B. Downey, Gen. Mgr.
Emp. 220

Holsum Bakeries, Inc.
4700 Howard Ave.
New Orleans, LA 70125
(504) 486-5563
Harold Salmon, Jr., Pres.
Emp. 289

Huval Baking Co., Inc.
P.O. Box 2339
Lafayette, LA 70501
(318) 232-1161
R.N. Morton, Mgr.
Emp. 300

LOUISIANA (cont'd)

Wolf Baking Co., Inc.
P.O. Box 15219
Baton Rouge, LA 70895
(504) 343-1788
T.A. Miller, Jr., Plant Mgr.
Emp. 300

Wolf Baking Co., Inc.
P.O. Box 3179
Lafayette, LA 70502
(318) 235-4525
Otha Brooks, Plant Mgr.
Emp. 200

Giant Food, Inc.
930 King St.
Silver Spring, MD 20910
(301) 585-7075
William P. Barry, Plant Mgr.
Emp. 300

Green Spring Dairy, Inc.
1020 W. 41st St.
Baltimore, MD 21211
(301) 235-4477
Gilbert Blanchfield, V.P. Sales
Emp. 316

MAINE (18 plants)

Lepage, F.R. Bakery Inc.
60 Second St.
Auburn, ME 04210
(207) 283-9161
Emp. 150

Nissen, John T. Baking Co.
59 Washington Ave.
Portland, ME 04101
(207) 772-2851
W.V. Nissen, Pres.
Emp. 400

Schmidt Baking Co., Inc.
Carey & Lavrens Sts.
Baltimore, MD 21217
(301) 728-1000
Henry W. Schmidt, Pres.

Schmidt Baking Co., Inc.
7801 Fitch Lane
Baltimore, MD 21236
(301) 668-8200
T.S. Bowyer, Plant Mgr.

Silber's Bakery Inc.
7002 Reisterstown Rd.
Baltimore, MD 21215
(301) 486-8500
S.L. Silber, Pres.
Emp. 355

MARYLAND (43 plants)

English Company
1205 S. Division
Salisbury, MD 21801
(301) 742-9511
Don Herman, Pres.
Emp. 560

Fairfield Farm Kitchens
5200 Addison Rd.
Beaver Heights, MD 20027
(301) 986-7249
George A. Stewart, V. Pres.
Emp. 434

MASSACHUSETTS (101 plants)

A & P Tea Co., The Great
297 Plainfield St.
Springfield, MA 01107
(617) 732-1191
Emp. 300

MASSACHUSETTS (cont'd)

Brigham's, A Div of
Jewel Companies, Inc.
30 Mill St.
Arlington, MA 02174
(617) 648-9000
Jerome P. Lavelly, V.Pres.Mfg.
Emp. 2300

Kasanof's Baking Co., Inc.
219 Blue Hill Ave.
Boston, MA 02119
(617) 422-8110
Emp. 499

Stop & Shop, Inc.
226 Causeway St.
Boston, MA 02114
(617) 463-7601
Emp. 500

Table Tallnc
153 Green St.
Worcester, MA 01608
(617) 798-8811
Christo Cocaine, Pres.
Emp. 800

Continental Baking Co.
2901 Grand River
Detroit, MI 48201
(313) 963-2330
Emp. 511

Grocers Baking Co.
210 28th St. S.E.
Grand Rapids, MI 49508
(616) 245-9127
William Fox, Chief Eng.
Emp. 550

Interstate Brands Corp.
1325 Edna St. S.E.
Grand Rapids, MI 49507
(616) 245-0564
Richard F. Mahoney, Gen. Mgr.
Emp. 300

MICHIGAN (117 plants)

Awrey Bakeries, Inc.
12301 Farmington Rd.
Livonia, MI 48150
(313) 522-1100
Lester Vetter, Chief Eng.
Emp. 598

MINNESOTA (52 plants)

American Bakeries Co.
97 E. 12th St.
St. Paul, MN 55101
(612) 224-3891
Jerry Partlow, Plant Mgr.
Emp. 250-499

MINNESOTA (cont'd)

Emrich Baking Co.
912 E. 24th St.
Minneapolis, MN 55404
(612) 339-0051
Geo. T. Emrich, Pres.
Emp. 100-249

ITT Continental Baking Co.
1200 3rd Ave. S.
Minneapolis, MN 55404
(612) 332-3326
Thomas C. Rolfs, Mgr.
Emp. 500-749

ITT Continental Baking Co.
300 11th Ave. N.W.
Rochester, MN 55901
(507) 289-3393
Clarence Cobert, Mgr.
Emp. 100-249

Lakeland Holsum Bakery
430 E. St. Germain St.
St. Cloud, MN 56301
(612) 251-9361
James Akervik, Gen. Mgr.
Emp. 100-249

McGlynn Bakeries, Inc.
7752 Mitchell Rd.
Eden Prairie, MN 55343
(612) 920-7222
B.J. McGlynn, Pres.
Emp. 500-749

Red Owl Stores, Inc.
215 E. Excelsior Ave
Hopkins, MN 55343
(612) 932-2132
Melvin Roth, Pres.
Emp. over 2000

MISSISSIPPI (22 plants)

Colonial Baking
520 South Congress St.
P.O. Box 61
Jackson, MS 39205
(601) 948-8773
J.M. Hilson, Mgr. & Pres.
Emp. 186

Hardin's Bakeries Corp.
440 Hwy 80 West
Jackson, MS 39204
(601) 352-5009
Marvin Taylor, Mgr.
Emp. 110

MISSOURI (75 plants)

American Bakeries Co.
2401 Burlington St.
N. Kansas City, MO 64116
(816) 842-8740
Charles Johnson, Plant Mgr.
Emp. 360

Colonial Baking Co.
4410 Gravois Ave.
St. Louis, MO 63116
(314) 481-0600
Wm. E. Jones, Pres.
Emp. 295

ITT Continental Baking Co., Inc.
1108 East 30th St.
Kansas City, MO 64109
(816) 531-6700
John Mirabito, Mgr.
Emp. 350

ITT Continental Baking Co.
6301 North Broadway
St. Louis, MO 63147
(314) 385-1600
Tom Ralf, Gen Mgr.
Emp. 880

MONTANA (14 plants)

Eddy Bakeries Co.
711 4th Ave. N.
Billings, MT 59101
(406) 259-5566
W.E. Gray, Pres.
Emp. over 50

MONTANA (cont'd)

Eddy Bakeries Co., Inc.
900 2nd Ave. N.
Great Falls, MT 59401
(406) 453-6564
C.D. Fishbaugh, Mgr.
Emp. over 50

NEBRASKA (15 plants)

ITT Continental Baking Co.
902 N. 20th St.
Omaha, NE 68102
(402) 342-4592
Milton Sindelar, Mgr.
Emp. 200-499

Metz Baking Co.
319 S. Elm St.
Hastings, NE 68901
(402) 462-5105
Harley Wyatt, Mgr.
Emp. 200-499

NEVADA (7 plants)

Nevada Baking Co.
299 W. Charleston Blvd.
Las Vegas, NV 89102
(702) 384-8950
Emp. 100-249

NEW HAMPSHIRE (3 plants)

Cross Baking Co.
141 Maple Ave.
Claremont, NH 03743
(603) 542-5172
G. Landale Edson, Pres.
Emp. 144

NEW JERSEY (161 plants)

American Bakeries Co.
393 Coit St.
Irvington, NJ 07111
(201) 399-4606
B. Becker, P. Mgr.
Emp. 320

Bond Baking Co.
National Rd.
Edison, NJ 08817
(201) 287-0600
P. Jacovini, Ch./Board
Jake Digiacomo, Pres.
Emp. 219

Burrry Division
The Quaker Oats Co.
1265 Durant St.
Elizabeth, NJ 07207
(201) 527-7000
A.A. Ryan, Pres.
J.H. Horn, V.Pres.
Emp. 1000

Century Cookie Co.
Div of Universal Foods Corp
400 South 2 St.
Harrison, NJ 07029
(201) 483-1100
H. Hickey, Comp.
J. McDonough, Gen. Mgr.
Emp. 200

Donuts Galore
Donut Shops Management Corp.
1395 Suckle Hwy.
Pennsauken, NJ 08110
(609) 662-4800
H.M. Surkih, Ch./Board
Emp. 450

Durkee Foods
Div of SCM Corp.
200 Rutgers St.
Maplewood, NJ 07040
(201) 761-6660
O.W. Groh, Comp.
Emp. 254

NEW JERSEY (cont'd)

Harrison Baking Co.
840 Jersey St.
Harrison, NJ 07029
(201) 483-3374
Max Reiber, Pres.
Morton H. Pechter, V.Pres.
Emp. 440

ITT Continental Baking Co.
110 Tices Lane
East Brunswick, NJ 08816
(201) 254-7100
James W. Shaw, Gen. Mgr.
Emp. 420

ITT Continental Baking Co., Inc.
534 Ellison St.
Paterson, NJ 07504
(201) 279-8770
D.L. Barbiera, Comp.
Saul Lebb, Gen. Mgr.
Emp. 660

S.B. Thomas, Inc.
930 North Riverview Dr.
Totowa, NJ 07512
(201) 856-8200
D.R. Newstadt, Pres.
J. Cross, V.Pres.
Emp. 1000

Ward Baking Co.
Div of Ward Foods Inc.
4th Ave & 13th St.
East Orange, NJ 07017
(201) 482-9300
Geoffrey Stiles, Pres.
Victor J. Stolbi, Exec.V.Pres.
Emp. 490

NEW MEXICO (9 plants)

Butter Krust Baking Co.
717 Coal S.E.
Box 450
Albuquerque, NM 87103
(505) 243-9541
Walter Nabie
Emp. 100-249

Holsum Baking Co.
723 N. Main
P.O. Box 370
Roswell, NM 88201
(505) 622-5531
Gene Reischman, Pres.
Emp. 100-249

NEW YORK (136 plants)

American Bakeries
434 West 126th St.
New York, NY 10027
(212) 662-8360
A. Willert, Prod. Mgr.
Emp. 235

Continental Baking Co.
313 Fougerson St.
Buffalo, NY 14211
(716) 893-2600
Nicholas Pipe, Prod. Mgr.
Emp. 500

Drake Bakeries
Div of Borden Inc.
77 Clinton Ave.
Brooklyn, NY 11205
(212) 625-2900
V. Furomond, Prod. Mgr.
Emp. 500

Drake Bakeries,
Div of Borden Foods
21-30 44th Ave.
Long Island City, NY 11101
(212) 729-7130
T.A. Mchale, Pres.
Emp. 225

Freihofer, Charles, Baking Co., Inc.
126th St. & 2nd Ave.
Troy, NY 12182
(518) 235-0710
F. Freihofer, Pres.
Emp. 800

NORTH CAROLINA · (65 plants)NEW YORK (cont'd)

General Host Corp.
245 Park Ave.
New York, NY 10017
(212) 661-5300
Edward Hoornstra, Pres.
Emp. 10,000

ITT Continental Baking Company
P.O. Box 731
Halstead Ave.
Rye, NY 10580
(914) 967-4747
M.C. Woodward, Pres.
Emp. 484

Interstate Brands Corp.
Millbrook Bread Div.
105 Spencer St.
Syracuse, NY 13201
(315) 422-3127
H.D. Stanhope, Prod. Mgr.
Emp. 201

Interstate Brands Corp.
Millbrook Div.
80 Fuller Rd.
Albany, NY 12205
(518) 459-6120
R.J. Herrick, Gen. Mgr.
Emp. 300

Nabisco, Inc.
243 Urban St.
Buffalo, NY 14211
(716) 608-9710
Dennis Winn, Office Mgr.
Emp. 500

Spaulding Bakeries Inc.
120 Plaza Drive
Binghamton, NY 13903
(607) 729-9155
George Ward, Ch/Board
Emp. 462

American Bakeries Co.
Hwy 103A North
Rocky Mount, NC 27801
(919) 446-5158
M.L. Chaney, Mgr.
Emp. 250-499

American Bakeries Co.
103 S. Interstate 85
Charlotte, NC 28208
(704) 394-1181
M.L. Chaney, Mgr.
Emp. 250-499

Bost Bakery Inc.
1007 East Marion St.
Shelby, NC 28150
(704) 487-8563
Lloyd C. Bost, Pres.
Emp. 500-999

Flowers Ind., Inc.
P.O. Box 5619
Salisbury, NC 28144
(704) 636-5141
J.W. West, Jr.
Emp. 250-499

Franklin Baking Co., Inc.
P.O. Box 228
Goldsboro, NC 27530
(919) 735-0344
E.T. Franklin, Pres.
Emp. 250-499

ITT Continental Baking Co.
P.O. Box 33007
Raleigh, NC 27606
(919) 832-4661
Gary M. Wise, Gen. Mgr.
Emp. 250-499

ITT Continental Baking Co.
P.O. Box 3345
Concord, NC 28025
(204) 786-4151
Gene Liberati, Gen. Mgr.
Emp. 250-499

NORTH CAROLINA (cont'd)

Waldensian Bakeries, Inc.
 P.O. Box 220
 Valdese, NC 28690
 (704) 874-2136
 John P. Roston, Jr., Pres.
 Emp. 500-999

NORTH DAKOTA (5 plants)

Holsum Bread Bakery
 501 North University
 Fargo, ND 58102
 (701) 235-5595
 Robert Toohey
 Emp. over 100

Interstate Brands Corp.
 1603 E. Main
 Bismarck, ND 58501
 (701) 223-7337
 Fritz DeVore, Gen. Mgr.
 Emp. over 100

OHIO (120 plants)

American Bakeries Co.
 2831 Stanton Ave.
 Cincinnati, OH 45202
 (513) 961-0075
 E.N. Clifton, Gen. Mgr.
 Emp. 300

Davis Bakery Inc.
 1278 W. 9th St.
 Cleveland, OH 44101
 (216) 761-8000
 Carl Davis, Pres.
 Emp. 350

Dolly Madison Cakes
 5467 W. 3rd
 Cincinnati, OH 45202
 (513) 621-6171
 James Roza, Gen. Mgr.
 Emp. 1100

General Mills Inc.
 Pkg. Foods Oper. Div.
 1250 Laskey Rd.
 P.O. Box 923
 Toledo, OH 43601
 (419) 470-0711
 W.D. Vehslage, Gen. Mgr.
 Emp. 900

ITT Continental Baking Co.
 Hostess Cake Kitchen Div
 2000 Clark Ave.
 Cleveland, OH 44101
 (216) 241-2131
 Richard A. Heubner, Gen. Mgr.
 Emp. 350

ITT Continental Baking Co.
 Hostess Cake Kitchen
 640 Richmond St.
 Cincinnati, OH 45202
 (513) 721-6400
 Robert E. Fenech, Gen. Mgr.
 Emp. 300

ITT Continental Baking Co.
 Wonder Bread Bakery
 1101 Summit St.
 Toledo, OH 43601
 (419) 421-5151
 Robert Gaston, Gen. Mgr.
 Emp. 300

ITT Continental Baking Co.
 Wonder Bread Bakery
 178 S. Forge St.
 Box 2028
 Akron, OH 44309
 (216) 376-6111
 John Gray, Gen. Mgr.
 Emp. 400

ITT Continental Baking Co.
 697 N. 4th St.
 Columbus, OH 43216
 (614) 294-5375
 J.E. Dockins, Gen. Mgr.
 Emp. 350

OHIO (cont'd)

Interstate Brands Corp.
747 W. 5th St.
Cincinnati, OH 45202
(513) 721-0212
Fred Crofoot, Gen. Mgr.
Emp. 360

Kroger Co.
Baked Food Div
Box Mt. Vernon Station
Columbus, OH 43216
(614) 224-1144
W.F. Chinnock, Gen. Mgr.
Emp. 700

Nickless, Alfred Bakery, Inc.
26 Main St.
Navarre, OH 44662
(216) 879-5635
Ernest Nickless, Pres.
Emp. 450

Pennington Bross Inc.
1100 Clinton Ave.
Washington Court House, OH 43160
(614) 335-5600
Kenneth Newman, V.Pres.
Emp. 770

OKLAHOMA (62 plants)

Continental Baking Co., Plant 156
ITT Continental Baking Co.
121 SW 2nd St.
Oklahoma City, OK 73126
(405) 232-7155
Charles Mackey, Mgr.
Emp. 470

Bama Pie, Inc.
2745 E. 11th St.
Tulsa, OK 74104
(918) 932-2307
John Marshall, Exec.V.Pres.
Emp. 290

OREGON (27 plants)

ITT Continental Baking Co.
103 N. Ivy St.
Portland, OR 97212
(503) 287-1114
Emp. 200
Byran L. Cheatwood, Mgr.

Oroweat Bakers Inc.
10750 SW 5th St.
Beaverton, OR 97005
(503) 643-5541
David C. Collins, Mgr.
Emp. 225

Safeway Stores Inc.
9450 SE Mangan Way
Clackamas, OR 97015
(503) 656-1673
Robert J. Jacobson, Mgr.
Emp. 150

United States Bakery
340 NE 11th
Portland, OR 97208
(503) 232-2191
Joseph E. Franz, Pres.
Emp. 282

Williams Bakery
1760 E. 13th Ave.
Eugene, OR 97401
(503) 344-2227
Tom R. Williams, Pres.
Emp. 200

PENNSYLVANIA (236 plants)

Bond Baking Co.
300 E. Godfrey Ave.
Philadelphia, PA 19120
(215) 745-3440
Jacob Digiacomo, Pres.
Emp. 1000

Braun Baking Co.
ITT Continental Baking Co., Inc.
1700 Island Ave.
Pittsburg, PA 15233
(412) 231-2000
J. Inverarity, Plant Eng.
Emp. 444

Capital Bakers, Inc.
3996 Paxton St.
P.O. Box 1333
Harrisburg, PA 17105
(717) 564-1891
James Christiansen, Chief Eng.
Emp. 700

PENNSYLVANIA (cont'd)

Horn & Hardart Baking Co.
1535 Chestnut St.
Philadelphia, PA 19102
(215) 665-1114
C.T. Gibbons, Pres.
Emp. 555

ITT Continental Baking Co., Inc.
263 N. Main St.
Norristown, PA 19401
(215) 275-9000
C. Woodward, Pres.
Emp. 425

Maier's Sunbeam Bakery
640 Park Ave.
Reading, PA 19611
(215) 376-7131
A. Maier, Pres.
Emp. 292

Pepperidge Farm, Inc.
Chestnut St.
Downington, PA 19335
(215) 269-2500
Emp. 1500

Tasty Baking Co.
Taystykake, Inc.
2801 Hunling Park Ave.
Philadelphia, PA 19129
(215) 221-8500
William A. Raub, Ch. Eng.
Emp. 1741

RHODE ISLAND (22 plants)

Homestead Baking Co.
Kavanaugh English Muffins
145 No. Broadway
E. Providence, RI 02916
(401) 434-0551
William Vican, Treas.
Emp. 115

John J. Nissen Baking Co., Inc.
817 Dexter St.
Central Falls, RI 02863
(401) 722-5650
Raymond Kashliek, Pres.
Emp. 100

Leo's Pastries, Inc.
85 Mason St.
Woonsocket, RI 02895
(401) 769-6200
Eugene Gramelini, Pres.
Emp. 105

New England Baking Co.
Ward Foods, Inc.
150 Dartmouth St.
Pawtucket, RI 02860
(401) 724-6400
George Ward, Pres.
Emp. 249

Ward Baking, Inc.
461 Eddy St.
Providence, RI 02905
(401) 331-7734
H.T. Shook, Mgr.
Emp. 108

SOUTH CAROLINA (36 plants)

American Bakeries Company
P.O. Box 1171
Florence, SC 29501
(803) 662-3203
B. Richardson, Mgr.
Emp. 351

Flowers Baking Co. of SC Inc.
Flowers Industries
Hearon Circle
P.O. Box 4395
Spartanburg, SC 29303
(803) 578-7440
W.C. Schwartz, Pres.
Emp. 429

SOUTH CAROLINA (cont'd)

Palmetto Baking Co.
Beatrice Foods Co.
1037 Broughton Ave., S.E.
Orangeburg, SC 29115
(803) 534-3535
R.H. Jennings III, Gen. Mgr.
Emp. 362

SOUTH DAKOTA (4 plants)

Metz Baking Co.
117 Dakota Ave. N.
Box 1296
Huron, SD 75350
(605) 352-6436
Emp. 25-99

Metz Baking Co.
601 12th St.
Box 2710
Rapid City, SD 57709
(605) 343-3512
Emp. 100-250

Metz Baking Co.
2800 East Hwy 16
Box 838
Sioux Falls, SD 57101
(605) 336-2035
Emp. 100-250

Metz Baking Co.
310 First Ave. N.W.
Watertown, SD 57201
(605) 886-5832
Emp. 25-99

TENNESSEE (47 plants)

American Bread Co.
702 Murfreesboro Rd.
Nashville, TN 37210
(615) 254-1161
Bernad Evers, Jr., Pres.

Brown & Greer Co. Inc.
2110 Chapman Hwy
Knoxville, TN 37920
(615) 573-1941
Roy Brown Jr., Pres.
Emp. 500

Colonial Baking Co.
2220 E. 4th St.
Chattanooga, TN 37404
(615) 622-3148
W.L. Gerdes, Gen. Mgr.
Emp. 250

ITT Continental Baking Co.
P.O. Box 3743
Memphis, TN 38103
(901) 525-8404
B.W. Pennington, Gen. Mgr.
Emp. 400

McKee Baking Co.
P.O. Box 750
Collegedale, TN 37315
(615) 396-2151
Ellsworth McKee, Pres.
Emp. 1250

Colonial Baking Co.
2407 Franklin Rd.
Nashville, TN 37002
(615) 297-5393
W.N. Krauth, Pres.
Emp. 250

Tennessee Doughnut Corp.
1201 Gallatin Rd.
Nashville, TN 37206
(615) 228-5501
W.L. Rudolph Jr.
Emp. 300

TEXAS (141 plants)

American Bakeries Co.
500 S. Henderson
Fort Worth, TX 76104
(817) 429-2770
Bill Moore, Mgr.
Emp. 100-249

American Bakeries Co.
2302 Center
Houston, TX 77007
(713) 869-5911
Bill Richardson, Mgr.
Emp. 100-249

TEXAS (cont'd)

Austin Baking Co.
5800 Airport Blvd.
Box 9365
Austin, TX 78766
(512) 453-6606
Ralph E. Anderson, Gen. Mgr.
Emp. 100-249

Carver Foods Co.
5000 Askins
Box 2101
Houston, TX 77001
(713) 442-8471
E.K. Jandrey, Plant Mgr.
Emp. 100-249

Collin Street Bakery, Inc.
401 W. 7th Ave.
Box 79
Corsicana, TX 75110
(214) 872-3951
L.W. McNutt, Jr., Pres.
Emp. 500-999

Colonial Cake Co.
200 N. W.W. White Rd.
Box 18303
San Antonio, TX 78218
(512) 661-2361
L.J. Richter, Gen. Mgr.

Holsum Sunbeam Baking Co.
of the Sabine Valley, Inc.
445 Thomas Blvd.
Box 426
Port Arthur, TX 77640
(713) 982-0441
Wiley Grammer, Gen. Mgr.
Emp. 100-249

Ideal Sunbeam Baking Co.
1200 W. Erwin
Box 360
Tyler, TX 75701
(214) 592-9232
Tommy Hyde, Gen. Mgr.
Emp. 100-249

ITT Continental Baking Co., Inc.
9000 Denton Dr.
Box 35126
Dallas, TX 75235
(214) 358-0232
J.H. Carter, Jr., Mgr.
Emp. 250-499

Jiminez Food Prod., Inc.
307 W. Central Ave.
2620 Tillar
Fort Worth, TX 76107
(817) 335-2802
Emp. 100-249

Manor Baking Co.
3500 Manor Way
Box 35005
Dallas, TX 75235
(214) 357-1754
C.H. Walters, Pres.
Emp. 250-499

Mead Foods, Inc.
102 N. Mockingbird Lane
Box 5467
Abilene, TX 79605
(915) 677-9141
J.E. Mason, Mgr.
Emp. 100-249

Mead Foods, Inc.
1900 W. 7th
Amarillo, TX 79106
(806) 373-7451
Jack Button, Mgr.
Emp. 100-249

Merico, Inc.
Snack Foods Div.
2020 19th N.W.
Box 719
Paris, TX 75460
(214) 785-6411
Robert A. Loughmiller, V.Pres.
Emp. 500-999

Mrs. Baird's Bakeries
2701 Palm
Box 5086
Abilene, TX 79605
(915) 692-3141
Hart Shoemaker, Gen. Mgr.
Emp. 100-249

Mrs. Baird's Bakeries
5230 E. Mockingbird Lane
Box 417
Dallas, TX 75221
(214) 526-7201
Don Heinze, Gen. Mgr.
Emp. 250-499

TEXAS (cont'd)

Mrs. Baird's Bakeries, Cake Plant
7301 S. Freeway
Box 937
Fort Worth, TX 76101
(817) 293-6230
Stanley Oler, Gen. Mgr.
Emp. 100-249

Mrs. Baird's Bakeries
1701 Summit Ave.
Box 937
Fort Worth, TX 76101
(817) 293-6230
Jack Gray, Gen. Mgr.

Mrs. Baird's Bakeries
1925 W. Gray
Box 13088
Houston, TX 77019
(713) 522-5111
Curtis Watkins, Gen. Mgr.

Mrs. Baird's Bakeries
1008 N. Laurent
Box 1818
Victoria, TX 77901
(512) 573-3234
J.J. Krippel, Gen. Mgr.

Mrs. Baird's Bakeries
225 S. 17th
Box 119
Waco, TX 76703
(817) 753-7381
Scott Baird, Gen. Mgr.

Rainbo Baking Co. of Beaumont
2695 Laurel Box 2610
Beaumont, TX 77704
(713) 832-1681
C.D. Johnson, Pres.

Rainbo Baking Co. of Corpus Christi
611 Palm Box 4207
Corpus Christi, TX 78408
(512) 884-6311
Dean Midyett, Pres.

Rainbo Baking Co. of Harlingen
1600 W. Harrison Box 28
Harlingen, TX 78550
(512) 423-3120
K. W. Greenlee, Pres.

Rainbo Baking Co. of Houston
4104 Leeland Box 18207
Houston, TX 77023
(713) 237-0001
Charles A. Stewart, Pres.

Rainbo Baking Co. of Lubbock
1950 Texas Ave. Box 459
Lubbock, TX 79408
(806) 747-3244
Harry L. Hoopes, Pres.

Rainbo Baking Co. of San Antonio
1919 N. Comal
Box 12350
San Antonio, TX 78212
(512) 733-8121
Gale R. Sintek, Pres.

Rainbo Baking Co. of Waco
215 S. 23rd
Box 566
Waco, TX 76703
(817) 753-5395
L. Van Tracy, Mgr.

Richter Baking Co.
2001 Ayers
Box 3278
Corpus Christi, TX 78404
(512) 884-5585
H.D. Volkers, Gen. Mgr.

Richter's Bakery
2201 Broadway
Box 1039
San Antonio, TX 78294
(512) 225-5811

Safeway Stores, Inc.
Bakery Div.
1707 Alpine
Dallas, TX 75223
(214) 827-6625
C.R. Bell, Plant Mgr.

Schott's Bakery
3000 Washington Ave.
Box 7568
Houston, TX 77007
(713) 869-5701

TEXAS (cont'd)

Weingarten, J. Inc.
600 Luckwood Dr.
Box 1698
Houston, TX 77001
(713) 528-5968

Fassetts Bakery
294 North Winouski Ave.
Burlington, VT 05401
(802) 864-5747
M. Lorry, Gen. Mgr.
Emp. 100

UTAH (21 plants)

Dunford Bakery Inc.
3475 South 200 West
Salt Lake City, UT 84106
(801) 487-4677
Emp. 100 199

ITT Continental Baking Co.
2752 Grant Ave.
Ogden, UT 84401
(801) 394-5743
Emp. 200-299

ITT Continental Baking Co.
734 East 400 South
Salt Lake City, UT 84111
(801) 531-0657
Emp. 200-299

Metz Baking Co.
935 Denver St.
Salt Lake City, UT 84111
(801) 355-1717
Emp. 100-199

Pepperidge Farm Inc.
901 North 200 West
Richmond, UT 84333
(801) 258-2491
Emp. 400-479

VERMONT (11 plants)

Cross Baking Co.
P.O. Box 8
Montpelier, VT 05602
(802) 223-3401
G.L. Edson, Pres.
Emp. 180

Ward Baking
31 North Main St.
White River Junction, VT 05001
(802) 295-7556
K.B. McCaughey, Gen. Mgr.
Emp. 152

VIRGINIA (5 plants)

Dutch Maid Donut Shop
Box 6243
Portsmouth, VA 23703
(804) 399-9544
W.M. Wood, Owner
Emp. 50

Krispy Kreme Doughnut Co.
4901 Virginia Beach Blvd.
Virginia Beach, VA 23462
(804) 497-4878
Frank Alleva, Mgr.
Emp. 67

WASHINGTON (26 plants)

American Bakery Co.
Langendorf Div
2901 6th
P.O. Box 3664
S. Seattle, WA 98124
(206) 682-2244
Frank Mainella, Mgr.
Emp. 350

ITT Continental Baking Co.
434 Aurora Ave.
N. Seattle, WA 98109
(206) 322-4242
Joe Morgan, Gen. Mgr.
Emp. 450

WASHINGTON (cont'd)

ITT Continental Baking Co.
1805 S. Main St.
Seattle, WA 98114
(206) 322-4242
Joe Morgan, Mgr.
Emp. 470

Oroweat Baking Co.
1604 N. 34th
Seattle, WA 98103
(206) 634-2700
David Collins, Gen. Mgr.

Gardner Baking Company
3401 E. Washington Ave.
Madison, WI 53740
(608) 244-4747
G.J. Allen, Plant Supt.
Emp. 420

Heinemann Candy Company
730 N. Milwaukee St.
Milwaukee, WI 53202
(414) 276-0144
Donald Wyler, Plant Mgr.
Emp. 300

WEST VIRGINIA (28 plants)WISCONSIN (18 plants)

Bake-Rite Baking Co.
1001 Hoover Ave.
Plover, WI 54467
(715) 344-3900
James Borski, Ch.Eng.
Emp. 280

Dick Brothers Bakery Co.
306 N. 8th St.
Manitowoc, WI 54220
(414) 684-3363
Jerome O. Dick, Pres. & Gen. Mgr.
Emp. 200

Elm Tree Frozen Foods Div.
of Rich Products Corp.
3300 W. College Ave.
P.O. Box 2217
Appleton, WI 54913
(414) 739-3111
Guenter M. Franke, Gen. Mgr.
Emp. 460

ITT Continental Baking Co. Inc.
1011 W. Somers St.
P.O. Box 05896
Milwaukee, WI 53205
(414) 263-2600
Jesse Emochs, Ch.Eng.
Emp. 440

Oswald Jaeger Baking Co.
918 W. Somers St.
Milwaukee, WI 53205
(414) 263-1700
Fred Zamecnik, Ch.Eng.
Emp. 300

WYOMING (20 plants)

Sweetheart Bread
1833 E. Yellowstone
Casper, WY 82601
(307) 234-7571
Frank Yngheim, Co. Chief
Emp. 100-249

1.27

SIC 2421

SAWMILLS AND
PLANING MILLS

1.271 KEY STATISTICS FOR SIC 2421

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Kiln Drying	300°F	1
<u>Current Heat Source(s)</u>		
Steam	210°F - 350°F	2
<u>Total Energy Consumption</u>		
82.94 trillion BTU/year		3
Total No. of plants in U.S.	4445	4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.272 Plant Directory for SIC 2421 Firms

ALABAMA (284 plants)

Buchanan Hardwood, Inc.
1013 Church St.
Selma, AL 36701
(205) 872-0491
R.W. Buchanan, Mgr.
Emp. 351-450

Champion Building Product, Inc.
P.O. Box 1832
Jasper, AL 35501
(205) 483-9222
R. Roberts, Gen. Mgr.
Emp. 350-450

MacMillan Broedel, Inc.
Div of Vancouver, Canada
Hwy 10
Pine Hill, AL 36769
(205) 963-4391
W. shorter, Pres.
Emp. 1001-1500

Miller & Co., Inc.
P.O. Box 779
Selma, AL 36701
(205) 874-8272
Z.G. Crittenden, V.Pres.

Scotch Lumber Co.
General Delivery
Fulton, AL 36446
(205) 636-4424
J. Lynn, Jr., Gen. Mgr.
Emp. 351-400

Union Camp Corp.
Building Products Div.
P.O. Box 38
Chapman, AL 36015
(205) 376-2241
J. Syme, Resident Mgr.
Emp. 551-650

ARIZONA (13 plants)

Kaibab Industries
4602 E. Thomas Rd.
Phoenix, AZ 85108
(602) 959-9670
A. Milton Whiting
Emp. 950

Southwest Forest Industries
P.O. Box 418
McNary, AZ 85930
(602) 334-2151
R. Lester Buck, Res. Mgr.
Emp. 300

ARKANSAS (113 plants)

Anthony Forest Products
P.O. Box 1877
El Dorado, AR 71730
(501) 862-3414
Beryl F. Anthony, Pres.

Arkansas Kraft Corp.
P.O. Box 711
Morrilton, AR 72110
(501) 354-4521
Ed M. Read, Jr., Mill Mgr.
Emp. 300-500

Chicago Mill & Lumber Co.
P.O. Box 2517
Washington St.
W. Helena, AR 72390
(501) 572-3431
Robert Rich, Plant Mgr.
Emp. 300-500

Georgia Pacific Corp.
Crossett Div
P.O. Box 520
Crossett, AR 71635
(501) 567-8111
F.E. Woods, Plant Mgr.
Emp. over 2500

Georgia Pacific Corp.
P.O. Box 660
Fordyce, AR 71742
(501) 352-3121
David Traylor, Plant Mgr.
Emp. 300-500

Olinkraft, Inc.
P.O. Box 317
Olin & Frost St.
Huttig, AR 71747
(501) 943-2211
Roy E. Martinez, Plant Mgr.
Emp. 300-500

ARKANSAS (cont'd)

Potlatch Corp.
Southern Div
Wood Products
P.O. Box 390
Warren, AR 71671
(501) 226-2655
Calvin Heird, Plant Mgr.
Emp. 1000-2500

Weyerhaeuser Co., Inc.
P.O. Box 7
Mountain Pine, AR 71956
(501) 624-8000
Tom Worth, Plant Mgr.
Emp. 500-1000

Weyerhaeuser Co., Inc.
Dierks Wood Products
P.O. Box 38
Dierks, AR 71833
(501) 286-2193
Max Wittman, Plant Mgr.
Emp. 1000-2500

Collins Pine Co.
Chester, CA 96020
(916) 258-2111
Harry Caulk, Chief Eng.
Emp. 470

D.G. Shelter Products
P.O. Box 97
Loyalton, CA 96118
(916) 993-4402
C.M. Greer, Pres.
Emp. 460

Louisiana-Pacific Corp.
P.O. Box 629
Red Bluff, CA 96080
(916) 527-4343
Sherman Kirchmeier, Div. Mgr.
Emp. 900

Sierra-Pacific Industries
P.O. Drawer Y
Arcata, CA 95521
(707) 443-3111
A.A. Emmerson, Pres.
Emp. 1100

CALIFORNIA (29 plants)

American Forest Products Corp.
Larson Div.
651 Martin Ave.
Santa Clara, CA 95052
(408) 241-3300
W.D. More, Gen. Mgr.
Emp. 180

American Forest Products Corp.
Stockton Div.
1800 Marshall Ave.
Stockton, CA 95205
(209) 948-5510
James A. Fechner, Gen. Mgr.
Emp. 600

Arcata Redwood Co.
P.O. Box 218
Arcata, CA 95521
(707) 443-5031
Lyle Harrison, V.Pres. Operations
Emp 492

COLORADO (58 plants)

San Juan Lumber Co. Inc.
Pagosa Springs, CO 81147
(303) 264-2211
J. Hudspeth, Pres.
Emp. 250-500

CONNECTICUT (28 plants)

Interstate Lumber & Mill Corp.
184 S. Water St.
Byram, CT 10573
(203) 939-2500
Jack Kahan, Pres.
Emp. 31

DELAWARE (2 plants)

Grubb Lumber Co., Inc.
205 W. Front St.
Wilmington, DE 19899
(302) 571-6500
J. Vincent Tigani, Jr., V.Pres.
Emp. 100

FLORIDA (64 plants)

Coastal Lumber Co.
 Dubarco Div.
 Coastal Lumber Co.
 Highway 27, North
 P.O. Box 736
 Havana, FL 32333
 (904) 539-6443
 Jerry G. Williams, V.Pres.
 Emp. 135

Hodges, H.C. Lumber Co.
 of West Bay, Inc.
 Glendale Highway
 P.O. Box 688
 DeFuniak Springs, FL 32433
 (904) 892-3175
 Harold C. Hodges, Pres.
 Emp. 210

Hodges, H.C., Lumber Co., Inc.
 P.O. Box 160 W. Bay Station
 Panama City, FL 32407
 (904) 234-6692
 Harold C. Hodges, Pres.
 Emp. 135

Rex Lumber Co.
 P.O. Box 7
 Graceville, FL 32440
 (904) 263-3241
 C. Finley McRae, Partner
 Emp. 152

GEORGIA (460 plants)

Continental Forest Industries
 Building Products Div
 P.O. Box 8849
 Savannah, GA 31402
 (912) 234-3426
 Emp. 543
 L.C. Ciarletta, Div. Mgr.

Del-Cook Lumber Co.
 Adel, GA 31620
 (912) 896-2201
 Jim Paulk, Pres.
 Emp. 475

Georgia Pacific Corp.
 P.O. Box 270
 Monticello, GA 31064
 (404) 468-6481
 Emp. 590
 John Clark, Gen. Mgr.

IDAHO (71 plants)

Boise Cascade Corp.
 Box 217
 Emmett, ID 83617
 (208) 365-4431
 L. Becken, Prod. Mgr.
 Emp. 500-999

Diamond International Corp.
 Box 1119
 Coeur D'Alene, ID 83814
 (208) 664-3105
 Bruce Colwell, Corp. V.Pres.
 Emp. 300-499

Idaho Forest Industries
 Box 1030
 Couer D'Alene, ID 83814
 (208) 667-9441
 W.T. Richards, Pres.
 Emp. 300-499

Potlatch Corp.
 Box 397
 Potlatch, ID 83855
 (208) 875-4511
 R.E. Vassar, Mgr.
 Emp. 300-499

ILLINOIS (42 plants)

Weyerhaeuser Co.
100 S. Wacker Dr.
Chicago, IL 60606
(312) 527-7171
G. Slager, Mgr. Paper Div.
Emp. 700

INDIANA (144 plants)

Dolly Madison Industries
Furniture Div.
Plant 31 & 34
W. 8th St.
Box 172
Ferdinand, IN 47532
(812) 367-2151
A.L. Sanders, Mgr.
Emp. 50-99

Pike Lumber Co.
719 Front
P.O. Box 247
Akron, IN 46910
(219) 893-4511
Howard Utter
Emp. 100-249

Seymour Mfg. Co.
500 N. Broadway
P.O. Box 248
Seymour, IN 47274
(812) 522-2900
Willis Hobson, Pres.
Emp. 100-249

IOWA (50 plants)

Midwest Walnut Co. of Iowa
2000 Tostevin St.
P.O. Box 77
Council Bluffs, IA 51501
(712) 325-3567
J.B. Petrus, Sr., Pres.
J.B. Petrus, Jr., Exec.V.P.
Emp. 51-101

KANSAS (17 plants)KENTUCKY (135 plants)

Frederick & May Lumber & Sply.Co.
919 Prestonsburg St.
West Liberty, KY 41472
(606) 743-3136
James G. Frederick, Pres.
Emp. 111

Hamer Hardwood Mfg., Inc.
U.S. Hwy 27
P.O. Box 305
Burnside, KY 42519
(606) 561-4146
Harry E. Quillen, Gen. Mgr.
Emp. 120

Wood Mosaic Corp.
5000 Crittenden Dr.
Louisville, KY 40221
(502) 361-4259
D.B. Hilley, Pres.
Emp. 329

LOUISIANA (82 plants)

Bernard Lumber Co., Inc.
P.O. Box 13785
New Orleans, LA 70185
(504) 822-4130
Emp. 250

Crown Zellerbach
P.O. Box Drawer 1
Joyce, LA 71440
(318) 628-6951
Emp. 800

Martin, Roy O. Industries Inc.
P.O. Box 1110
Alexandria, LA 71301
(318) 443-6373
Emp. 370

LOUISIANA (cont'd)

Martin Timber Co., Inc.
 P.O. Box 99
 Castor, LA 71016
 (318) 544-7205
 Emp. 215

Olinkraft, Inc., Lumber Div.
 P.O. Box 271
 Winnfield, LA 71483
 (318) 628-4981
 Emp. 249

Sherman Lumber Co.
 Sherman Station, ME 04777
 (207) 365-4211
 L.T. Robinson, Pres.
 C.S. McQuarrie, Gen. Mgr.
 Emp. 1301

St. Regis Paper Co.
 Costigan Operations
 Milford, ME 04461
 (207) 827-7131
 Blaine Bloomgren, Mgr.
 Emp. 160

MAINE (108 plants)

Dead River Co.
 Passamaquoddy Lumber Div.
 Princeton, ME 04668
 (207) 796-2357

Dow, George B. & Son
 Box 75
 E. Corinth, ME 04427
 (207) 285-3348
 G. Lyford Dow, Owner
 Emp. 514

Levesque Lumber Inc.
 RFD 1
 Masardis, ME 04749
 (207) 435-3011
 J. Paul Levesque, Pres.
 Emp. 150

Pinkham Lumber
 A Co. of Great Northern Nekoosa Corp.
 P.O. Box 0
 Ashland, ME 04732
 (207) 435-3281
 Thomas S. Pinkham, Gen. Mgr.
 Emp. 265

MARYLAND (83 plants)

Koppers Co.
 Quantico Rd.
 P.O. Box 2217
 Salisbury, MD 21801
 (301) 668-6300
 D.L. DeVries, V.Pres.
 Emp. 200

Perdue Inc.
 P.O. Box 1537
 Salisbury, MD 21801
 (301) 742-7161
 Franklin P. Perdue, Pres.
 Emp. 2279

Triangle Pacific Building Prod.
 Corp.
 10500 Ewing Rd.
 Beltsville, MD 20705
 (301) 937-5000
 William W. Aitcheson, V.Pres.
 Emp. 245

MASSACHUSETTS (64 plants)

South East Expressway & Union St.
Braintree, MA 02184
(617) 848-0100
Mike Grossman, Pres.
Emp. 1000

Kelley Enterprises, Inc.
541 Hubbard Ave.
Pittsfield, MA 01202
(413) 442-1581
Jack Casey, Gen. Mgr.
Emp. 802

Branch Plants:

Berkshire Pallet Co., Inc.
Pittsfield, MA
Paul Emerson, Mgr.

Kelly's Sawmill, Inc.
Dover Plains, NY
Cliff LaPoint, Mgr.

Kelly's Sawmill, Inc.
Granville, NY
Dick DuPont, Mgr.

White River Valley Hardwoods, Inc.
Bellows Fall, VT
Joe Baumerster, Mgr.

White River Valley Hardwoods, Inc.
Manchester Depot, VT
Duane Hoyt, Mgr.

Kelley's Sawmill, Inc.
North Creek, NY
Bob Brown, Mgr.

MICHIGAN (86 plants)

Conway Corp.
395 54th S.W.
Grand Rapids, MI 49508
(616) 534-9678
J. Howard Smith, Gen. Mgr.
Emp. 220

MINNESOTA (81 plants)

Burns Mfg. Co.
Aitkin, MN 56431
(218) 927-3721
Richard Christie, Pres.
Emp. 250-499

MISSISSIPPI (121 plants)

Delta Pine Plywood Co.
P.O. Box 247
Beaumont, MS 39423
(601) 784-3472
Neal McCloud, Pres.
Emp. 290

International Paper Co.
P.O. Box 37
Wiggins, MS 39577
(601) 928-7241
T.E. Hiers, Plant Cont.
Emp. 330

Weyerhaeuser Co.
Timberlands & Wood Products
P.O. Box 359
Philadelphia, MS 39350
(601) 656-5300
Earl J. Hayes, Dist. Mgr..
Emp. 445

MISSOURI (85 plants)

Kerr-McGee Chemical Corp.
Forest Products Div.
Box 1027
Poplar Bluff, MO 63901
(314) 785-1614
W.B. Smith, Supt.
Emp. 128

MONTANA (66 plants)

Castle Mtn. Corp.
Box J
White Sulphur Sprgs, MT 59645
(406) 547-3341
W.H. Wright, Mgr.
Emp. over 50

Diamond International Corp.
Box 548
Superior, MT 59872
(406) 822-4221
D.H. Olin, Div. Sales Mgr.
Emp. over 50

Del Conner Lumber Co.
Box 415
Darley, MT 59829
(406) 821-3539
Louise Townsend, Owner
Emp. over 50

MONTANA (cont'd)

F.H. Stoltz Land & Lumber Co.
Box 389
Dillon, MT. 59725
(406) 683-4236
Dan Obrian, Pres.
Emp. over 50

Intermountain Co., The
Box 1534
Missoula, MT 59801
(406) 728-8660
Milton Van Camp, Mgr.
Emp. over 50

Missoula White Pine Sash Co.
1301 Scott St.
Missoula, MT 59801
R.F. Bush, Mgr.
(406) 543-7111
Emp. over 50

Montana Pacific International
Box 506
Roundup, MT 49072
(406) 323-1116
L.C. Sperling, Mgr.
Emp. over 50

Plum Creek Lumber Co.
Box 160
Columbia Falls, MT 59912
(406) 892-3222
Fred Winegar, Pres.
Emp. over 50

Plum Creek Lumber Co #2
Dunham Sdg.
Pablo, MT 59855
(406) 675-2610
J.P. Christofferson, Mgr.
Emp. over 50

Stoltze Land & Lumber Co.
Box 490
Columbia Falls, MT 59912
(406) 892-3252
Royce Satterlee, V.Pres.
Emp. over 50

Yellowstone Pine Co.
Box 325
Belgrade, MT 59714
(406) 388-4221
Blaine Cabat, Pres.
Emp. over 50

NEBRASKA (11 plants)

Hughes Bros., Inc.
210 N. 13th St.
Seward, NE 68434
(402) 643-2991
T.R. Hughes, Pres.
Emp. 200-499

NEVADA (1 plant)NEW HAMPSHIRE (17 plants)

Diprizio, Charles & Sons, Inc.
Union, NH 03887
(603) 473-2314
Charles Diprizio, Pres.
Emp. 150

Prescott Lumber Co., Inc.
Railroad Ave.
Meredith, NH 03253
(603) 279-7911
John B. Anderson, Pres.
Emp. 130

NEW JERSEY (19 plants)NEW MEXICO (24 plants)

Navajo Forest Products Industries
Navajo, NM 87328
(505) 777-2211
John Snyder, Gen. Mgr.
Emp. 500-999

NEW MEXICO (cont'd)

Southwest Forest Industries
Box 445
Reserve, NM 87830
(505) 533-6321
J.F. Brown, Mgr.
Emp. 100-249

Weyerhaeuser Co.
Rt. 2
Box 115
Jacksonville, NC 28540
(919) 346-9741

Weyerhaeuser Co.
Fiber Div.
Plymouth, NC 27962
(919) 793-8111

NEW YORK (86 plants)

Elliot Hardwood Co.
Div of Litchfield Park Corp.
2 Madrid Ave.
Potsdam, NY 13676
(716) 265-9500
Richard Elliott, Pres.
Emp. 103

Hoe, R & Co., Inc.
910 East 138th St.
Bronx, NY 10454
(212) 292-2400
R. Woessner, V.Pres.
Emp. 200

NORTH CAROLINA (304 plants)

Bennett Box & Pallet Co., Inc.
Bennett Box & Pallet Co.
P.O. Box 249
Ahoskie, NC 27910
(919) 332-5026

Brown, George C. & Co., Inc.
P.O. Drawer B
Greensboro, NC 27403
(919) 292-2961

Federal Paper Board Co., Inc.
Paper Div.
Carolina Operations
Riegelwood, NC 28456
(919) 655-2211

NORTH DAKOTA (2 plants)

Pierce Sawmill Co.
Hatton, ND 58240
(701) 543-3030
Dale Pierce
Emp. 10-25

OHIO (90 plants)

Marsh Lumber Co., Inc.
439 S. Tuscadawas Ave.
Dover, OH 44622
(216) 343-8854
John Marsh, Jr., V.Pres.
Emp. 65

Taylor Woodcraft Inc.
5 River Rd
P.O. Box 245
Malta, OH 43758
(614) 962-3741
Philip Tore, V.Pres.
Emp. 140

OKLAHOMA (28 plants)

Reynolds Wilson Lumber Co.
P.O. Box F
Isabel, OK 74745
(405) 286-5453
Bob Mixon, Sales Mgr.
Emp. 54

OREGON (357 plants)

Bohemia Inc.
Culp Creek, OR 97427
(503) 946-1511
Emp. 520
S.E. Pittman, Mgr.

Brooks-Scanlon Inc.
P.O. Box 1111
Bend, OR 97701
(503) 382-2511
Emp. 1100
Michael Hollern, Pres.

Coos Head Timber Co.
P.O. Box 750
Coos Bay, OR 97420
(503) 267-2193
Emp. 400
F. Willis Smith, Pres.

Hines Lumber Co., Edward
Box 557
Hines, OR 97738
(503) 573-2091
Emp. 925
Frank Blagen, Mgr.

International Paper Co.
P.O. Box 308
Veneta, OR 97487
(503) 935-2215
Emp. 600
H.D. Hinman, Mgr.

Louisiana-Pacific Corp.
6045 Moffett Rd.
Tillamook, OR 97141
(503) 842-5574
Myron Moore, Mgr.
Emp. 385

Pope & Talbot Inc.
P.O. Box 426
Oakridge, OR 97463
(503) 782-2251
R. Burke, Mgr.
Emp. 450

Warm Springs Forest Prod.
Warm Springs, OR 97761
(503) 553-1131
J.P. Andrews, Mgr.
Emp. 380

Weyerhaeuser Co., Inc.
P.O. Box 667
Cottage Grove, OR 97424
(503) 942-3301
Emp. 845
Paul Fossum, Mgr.

Weyerhaeuser Co., Inc.
P.O. Box 9
Klamath Falls, OR 97601
(503) 884-2241
Emp. 2200
B.Z. Agrons, V.Pres.

Weyerhaeuser Co., Inc.
P.O. Box 389
North Bend, OR 97459
(503) 750-5121
Emp. 1640
O.F. Weed, V.Pres.

Willamette Industries, Inc.
550 SE Lyles St.
Dallas, OR 97338
(503) 623-2351
W. Swindells, Gen. Mgr.

PENNSYLVANIA (212 plants)RHODE ISLAND (3 plants)SOUTH CAROLINA (89 plants)

Champion Building Products
P.O. Box 10
Newberry, SC 29145
(803) 276-7257
Derward Sanford, Prod. Mgr.
Emp. 550

SOUTH CAROLINA (cont'd)

Holly Hill Lumber Co.
Hwy 453
P.O. Box 128
Holly Hill, SC 29059
(803) 496-5022
M.C. Colvin, Pres.
Emp. 925

Korn Industries, Inc.
P.O. Box 100
Sumter, SC 29150
(803) 773-3304
W.M. Tisdale, Pres.
Emp. 515

Southern Wood Piedmont Co.
New South Park Circle
P.O. Box 5447
Spartanburg, SC 29304
(803) 576-7660
M.W. Deichman, Prod. Mgr.
Emp. 964

SOUTH DAKOTA (19 plants)

Homestake Forest Product Co.
West Oliver St.
Box 472
Spearfish, SD 57783
(605) 642-2731

Little River Lumber Co.
Piedmont, SD 57769
(605) 787-4831

Northern Hills Forest Prod., Inc.
P.O. Box 610
Spearfish, SD 57783
(605) 269-2353

TENNESSEE (234 plants)

Averitt, J.V. Lumber Co.
P.O. Box 221
Erin, TN 37061
(615) 289-3810
J.V. Averitt, Owner
Emp. 210

Lafayette Mfg. Co.
190 Box B
Lafayette, TN 37083
(615) 666-2165
J. Robert Lindsay, Pres.
Emp. 130

TEXAS (138 plants)

Acme Pallet Co.
Fm. Rd. 315
Box 66C
Palestine, TX 75801
(214) 729-4082
Emp. 100-249

All Woods/Schroeder, Inc.
7821 E. Erath
Box 5056
Houston, TX 77012
(713) 921-6131
T.C. Spencer, Senior, V.Pres.
Emp. 100-249

Champion International Corp.
Birmingham Forest Products
Camden Plant
Box 77
Camden, TX 75934
(713) 398-4640
John E. Elliot, Gen. Mgr.
Emp. 100-249

International Paper Co.
Wood Products Group
Henderson Lumber Mill
609 Industrial Dr.
Box 709
Henderson, TX 75652
(214) 657-4575
G. Finlay, Plant Mgr.
Emp. 100-249

Kirby Lumber Corp.
Spurger Hwy
Box 577
Silsbee, TX 77656
(713) 385-5201
T.M. Orth, Pres.
Emp. 500-999

TEXAS (cont'd)-

Lone Star Plywood & Door Corp.
600 N. Wild Wood Rd.
Box 607
Irving, TX 75060
(214) 438-6611
W.J. Sims, Sr., Pres.
Emp. 100-249

Louisiana-Pacific Corp.
Southern Div.
Hwy. 149
Carthage, TX 75633
(214) 693-3861
Curtis Hooper, Plant Mgr.
Emp. 100-249

Louisiana-Pacific Corp.
Southern Div.
McQueen St.
Box 730
Jasper, TX 75951
(713) 384-3444
Robert M. Jackson, Gen. Mgr.
Emp. 100-249

Owens-Illinois Inc.
Forest Products Div.
Hwy 63
Box 1000
Jasper, TX 75951
(713) 384-5422
E.R. Journee, Plant Mgr.
Emp. 250-499

Snider Industries, Inc.
Lumber Div.
Sue Belle Lake Rd.
Box 668
Marshall, TX 75670
(214) 938-9221
Ronald L. Snider, Pres.
Emp. 250-499

Temple-Eastex, Inc.
Lumber Plant
Drawer N
Diboll, TX 75941
(713) 829-5511
J.W. Sweeney, Div. Mgr.
Emp. 250-499

Williams Forest Products Corp.
Hwy 59 S.
Box 58
Cleveland, TX 77327
(713) 592-6406
Harry N. Williams, Pres.
Emp. 100-250

UTAH (29 plants)

Kaibab Industries
375 North Main
Midvale, UT 84047
(801) 561-2283

Kaibab Industries
Panguitch, UT 84759
(801) 676-8831

VERMONT (46 plants)

Cersosimo Lumber Co.
Vernon Road
R.F.D. 3
Brattleboro, VT 05301
(802) 254-4508
D. Cersosimo, Pres.
Emp. 140

VIRGINIA (93 plants)

Butler Lumber Co. Inc.
Chase City, VA 23924
(804) 372-4151
J.T. Butler, Pres.
Emp. 100

VIRGINIA (cont'd)

Cray Lumber Co.
Waverly, VA 23890
(804) 748-5663
F.C. Worsham, Supt.
Emp. 100

Kimberly-Clark Corp.
P.O. Box 790
Buena Vista, VA 24416
(703) unlisted
J.H. Smith, Plant Mgr.
Emp. 53

Neff Lumber Mills
P.O. Box 457
Broadway, VA 22815
(703) 896-7031
Bonnie N. Hoover, Sec/Tres.
Emp. 40

P.W. Plumly Lumber Corp.
600 N. Kent St.
Winchester, VA 22601
(703) 662-3891
C.W. Schnabel, V.Pres.
Emp. 150

M & R Timber Inc.
P.O. Box 30
Port Angeles, WA 98362
(206) 452-2367
Dale Woodside, Gen. Mgr.
Emp. 200

Peshastin Forest Products
Peshastin, WA 98847
(206) 548-5834
Dick Darlington, Gen. Mgr.
Emp. 200

Pope & Talbot Inc.
Box 248
Dalama, WA 98625
(206) 673-2115
Emp. 720

Simpson Timber Co.
3rd and Franklin
Shelton, WA 98584
(206) 426-3381
Emp. 2150

St. Regis Paper Co.
Tacoma Operations
P.O. Box 2133
Tacoma, WA 98401
(206) 572-8300
Gary Gosda, Chief Eng.
Emp. 1200

Weyerhaeuser Co.
Corp. Headquarters
Tacoma, WA 98401
(206) 924-2345
Alec M. Fisk, V.Pres
Facilities Planning
& Eng.

WASHINGTON (106 plants)

Boise Cascade
Eastern Washington Regional Office
P.O. Box 51
Yakima, WA 98901
(509) 663-7213
Dave Edgerton, Reg. Mgr.

Pack River Co.
Box 1452
Peyton Bldg.
Spokane, WA 99210
(509) 747-3011
Emp. 500

WEST VIRGINIA (118 plants)

Bunnor Bros. Lumber Co., Inc.
Helvetia, WV 26224
(304) 924-5386
Paul R. Bunner, Pres.
Emp. 36

WISCONSIN (81 plants)

Menominee Tribal Enterprises
General Delivery
Neopit, WI 54150
(715) 756-2311
James R. Heinz, Pres.
Emp. 400

WYOMING (52 plants)

1.28

SIC 2621

PAPER MILLS

1.281 KEY STATISTICS FOR SIC 2621

<u>Identified Process</u>	<u>Temperature</u>	<u>References</u>
Pulp Refining	150°F	1

Current Heat Source(s)

Air	150°F - 210°F	2
Steam	280°F - 290°F	2

Total Energy Consumption

584.65 Trillion BTU/year	3
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Total no. of plants in U.S. 681	4
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References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.282 Plant Directory for SIC 2621 Firms

ALABAMA (281 plants)

American Can Co., Inc.
 Naheola Mill Div.
 P.O. Box 315
 Butler, AL 36904
 (205) 654-2421
 J.W. Malone, Mill Mgr.
 Emp. 1501-2000

Champion International Corp.
 Champion Papers - Courtland Mill
 P.O. Box 189
 Courtland, AL 35618
 (205) 637-2741
 W.C. Howard, V.Pres.
 Emp. 751-900

International Paper Co.
 Mobile Mill
 P.O. Box 2448
 Mobile, AL 36601
 (205) 457-8961
 P.M. Henson, Mill Mgr.
 Emp. 1501-2000

Scott Paper Co.
 Southern Operations
 Bay Bridge Rd.
 P.O. Box 2447
 Mobile, AL 36601
 (205) 433-0581
 R.P. Schneider, Div.V.Pres.
 Emp. 3001-4000

ARKANSAS (6 plants)

Georgia Pacific Corp.
 Crossett Div
 P.O. Box 520
 Crossett, AR 71635
 (501) 567-8111
 F.E. Woods, Plant Mgr.
 Emp. over 2500

International Paper Co.
 Camden Mill
 P.O. Box 2045
 Cullendale Sta.
 Camden, AR 71701
 (501) 231-4321
 P.M. Henson, Plant Mgr.
 Emp. 500-1000

International Paper Co.
 Consumer Packaging
 P.O. Box 7069
 Pine Bluff, AR 71611
 (501) 534-6100
 C.O. Bailey, Jr., Plant Mgr.
 Emp. over 2500

Nekoosa Edwards Paper Co.
 Rt. 71S
 P.O. Box 898-2711
 Ashdown, AR 71822
 (501) 898-2711
 R.K. Elston, Plant Mgr.
 Emp. 500-1000

ARIZONA (4 plants)

Southwest Forest Industries
 Snowflake Div.
 P.O. Box 128
 Snowflake, AZ 85937
 (602) 536-4314
 James F. Stewart, V.Pres & Div. Mgr.
 Emp. 550

CALIFORNIA (4 plants)

Simpson Paper Co.
 2500 Crocker Plaza
 One Post Street
 San Francisco, CA 94104
 (415) 391-8140
 Robert G. Millard, V.Pres.Operations

COLORADO (1 plant)

Packaging Corp of America
5501 Brighton Blvd.
Commerce City, CO 80022
(303) 288-2601
C.S. Milligan, Gen. Mgr.
Emp. 100-250

St. Regis Paper Co.
Kraft Div.
P.O. Box 87
Cantonment, FL 32533
(904) 968-2121
R.T. Hudson, Res. Mgr.
Emp. 1090

CONNECTICUT (2 plants)

Arkell Safety Bag Co.
Sub. of Chast Bag Co.
2 Greenwich Plaza
Greenwich, CT 06830
(203) 661-3400
F.H. Ludington, Jr., Pres.
Emp. 200

St. Regis Paper Co.
Pulp and Paper Mill
Eastport Rd. at Hedsher Dr.
P.O. Box 18020
Jacksonville, FL 32229
(904) 765-3511
Ted L. Robinson, Res. Mgr.

GEORGIA (0 plants)DELAWARE (1 plant)

Curtis Paper Co.
Paper Mill Rd.
Newark, DE 19711
(302) 738-7851
P.K. Morton, Tres.
Emp. 100

IDAHO (0 plants)ILLINOIS (20 plants)

Arvey Corp.
3500 N. Kimball Ave.
Chicago, IL 60618
(312) 463-1400
R.J. Belner, Pres.
Emp. 300

FLORIDA (6 plants)

Panama City Mill
International Paper Co.
One South Everitt Ave.
P.O. Box 2487
Panama City, FL 32401
(904) 785-4311
C.B. Vickrey, Jr., Mgr.
Emp. 950

St. Regis Paper Co.
Bag Packaging Div.
P.O. Box 87
Cantonment, FL 32533
(904) 968-2121
Ronald R. Shingver, Res. Mgr.
Emp. 600

INDIANA (13 plants)

Beveridge Paper Co.
Div. of Scott Paper
717 W. Washington St.
Indianapolis, IN 46204
(317) 635-4391
Richard Tarr, Plant Mgr.
Emp. 100-249

INDIANA (cont'd)

Container Corp of America
455W Factory St.
P.O. Box 217
Wabash, IN 46992
(210) 563-3102
C.A. Wynn, Jr., Gen. Mgr.
Emp. 100-249

Imperial Packaging Co.
7800 Records St.
Lawrence, IN 46226
(317) 545-7476
J. Leibman, Gen. Mgr.
Emp. 100-249

Inland Container Corp.
P.O. Box 428
Newport, IN 47966
(317) 492-3341
D.O. Parish, Mill Mgr.
Emp. 100-249

Kieffer Paper Mills, Inc.
1220 W. Spring
Brownstone, IN 47220
(812) 358-4150
E. Harold Miller, Pres.
Emp. 100-249

Weston Paper & Mfg. Co.
2001 N. 19th St.
P.O. Box 539
Terre Haute, IN 47808
(812) 234-6688
Ruel Burns, Jr., V.P. & Plant Mgr.
Emp. 100-249

IOWA (0 plants)KANSAS (2 plants)

Hallmark Cards, Inc.
450 Eisenhower Rd.
Leavenworth, KS 66048
(913) 727-6692
Gray McMonigle, Mgr.
Emp. 500-1000

KENTUCKY (3 plants)

Wescor Corp.
Hawesville, KY 42348
(502) 927-2641
James F. Stewart, Res. Mgr.
Emp. 163

Westraco Corp.
Wickliffe, KY 42087
(502) 335-3301
Harold E. Henneman, Mgr.
Emp. 475

LOUISIANA (11 plants)

Boise Southern Co.
DeRidder Mill
P.O. Box 1000
DeRidder, LA 70634
(318) 463-4461
Jeff Lower, Mill Mgr.
Emp. 514

Boise Southern Co.
Green Isle Facility
P.O. Box 2000
DeQuincy, LA 70633
(318) 789-0165
James G. Crump, V.Pres.
Emp. 265

Calcasieu Paper Co.
P.O. Box 520
Elizabeth, LA 70638
(318) 634-5151
Sam A. Bufkin, Mgr.
Emp. 309

Celotex Corp.
P.O. Box 8
Marrero, LA 70072
(504) 341-5671
F.E. Blattner
Emp. 325

Continental Forest Industries
P.O. Box 160
Hodge, LA 71247
(318) 259-4421
Emp. 760

LOUISIANA (cont'd)

DeQuincy Wood Products Co.
P.O. Box 2000
DeQuincy, LA 70633
(318) 789-0165
Emp. 450

Olinkraft Inc., Mill Div.
P.O. Box 488
W. Monroe, LA 71291
(318) 362-2000
Emp. 2499

Valentine Pulp and Paper Co.
P.O. Box 280
Lockport, LA 70374
(504) 532-3313
Emp. 250

MAINE (16 plants)

Ethyl Corp., Oxford Paper
Rumford, ME 04276
(207) 364-4521
Emp. 3000

Great Northern Paper Co.
Main Road - Woodland Div.
Millinocket, ME 04462
(207) 723-5662
Robert J. Shinnars, V.Pres.
Emp. 500

Georgia Pacific Corp
Mill St.
Woodland, ME 04694
(207) 427-3311
R.A. Schumacher, V.Pres.
Emp. 1100

International Paper Co.
Androscoggin Mill
Jay, ME 04239
(207) 897-2170
P.A. Gorman, Pres.
Emp. 892

International Paper Co.
Otis Mill
Chisholm, ME 04226
(207) 897-3432

Penobscot Co.
Great Works, ME 04468
(207) 827-4411
J.C. Wemyss Jr., Pres.
Emp. 600

Penobscot Co.
Old Town, ME 04468
(207) 827-4411
J.W. Wemyss Jr. Pres.
Emp. 700

Scott Paper Co., Northwest
Winslow, ME 04901
(207) 872-2751
A.J. Haug, V.Pres.
Emp. 1300

St. Regis Paper Co.
Bucksport, ME 04416
(207) 469-3131
U. Pollard, Gen. Mgr.
Emp. 850

Statler Tissue
Maple St.
Augusta, ME 04330
(207) 623-4731
L. Sugarman, Pres.
Emp. 500

MARYLAND (2 plants)

Cellutron Products Corp.
Rte
P.O. Box 76
Parsonburg, MD 21849
(301) 742-9529
Emp. 17
Roland S. Jones, Pres. & Gen. Mgr.

Westvaco Corp.
Luke, MD 21540
(301) 359-3011
Emp. 1918
David G. McMaster, Mill Mgr.

MASSACHUSETTS (36 plants)

Balfour, L.G. Co.
25 County St.
Attleboro, MA 02703
(617) 222-3600
Steven Cing-Mars, Plant Mgr.
Emp. 2100

Federal Paper Board Co., Inc.
Church St.
Palmer, MA 06109
(413) 283-3445
W.A. Coulter, Plant Mgr.
Emp. 602

Hollingsworth & Vose Co.
112 Washington St.
Walpole, MA 02032
(617) 668-0295
Mark Hollingsworth, Pres.
Emp. 500

Mead Corp.
S. Lee, MA 01260
(413) 243-1231
S.A. Dalheim, Mgr. Prod. Eng.
Emp. 450

Strathmore Paper, Hammermill Paper Co.
South Broad St.
Westfield, MA 01085
(413) 568-9111
John G. Gallup, Pres.
Emp. 600

Warren S.D.
Div. of Scott Paper Co.
225 Franklin St.
Boston, MA 02101
(617) 423-7200
Charles W. Schmidt, Pres.
Emp. 2178

Brown Company
243 E. Patterson St.
Kalamazoo, MI 49007
(616) 383-5000
C.R. Cooper, V.Pres.
Emp. 3000

Escanaba Paper Co.
Broos Road
Escanaba, MI 49829
(906) 786-1660
J.M. Owens, V.Pres. Mfg.
Emp. 1100

Georgia-Pacific Corp.
2425 King Hwy
Kalamazoo, MI 49003
(616) 382-2890
William Walsh, Gen. Mgr.
Emp. 629

Menominee Paper Co., Inc.
144 First St.
Menominee, MI 49858
(906) 863-5595
Al Bickel, Chief Eng.
Emp. 350

Munising Mill
Munising, MI 49862
(906) 387-2700
Rudy Kelto, Chief Eng.
Emp. 450

Plainwell Paper Co., Inc.
200 Allegon
Plainwell, MI 49080
(616) 685-5851
Richard Flores, Chief Eng.
Emp. 300

MICHIGAN (28 plants)

Allied Paper, Inc.
2030 Portage St.
Kalamazoo, MI 49001
(616) 345-7131
Albert E. Vickery, Eng. Mgr.
Emp. 587

MICHIGAN (cont'd)

Port Huron Paper Co.
1660 Thomas St.
P.O. Box 289
Port Huron, MI 48060
(313) 982-0191
S. Luczychi, Mill Mgr.
Emp. 409

Proctor & Gamble Paper Products Co.
Cheboygan Plant
437 S. Main
P.O. Box 552
Cheboygan, MI 49721
(616) 627-5664
Emp. 475

Scott Paper Co.
Detroit Div.
9125 W. Jefferson
Detroit, MI 48209
(313) 842-0042
R.N. Furer, Gen. Mgr.
Emp. 536

Simpson Paper Co.
336 W. Washington St.
P.O. Box 157
Vicksburg, MI 49097
(616) 649-0510
L. Huckendubler, Chief Eng.
Emp. 328

Warren, S.D. Co.
2400 Lakeshore Dr.
Muskegon, MI 49443
(616) 755-3761
W.A. Wrase, Chief Eng.
Emp. 1050

Watervliet Paper Co., Inc.
279 Paw Paw
Watervliet, MI 49098
(616) 463-3141
M.F. Stibal, V.Pres.Operations
Emp. 406

MINNESOTA (8 plants)

Blandin Paper Co.
115 SW 1st St.
Grand Rapids, MN 55744
(218) 326-8531
M.W. Reif, Pres.
Emp. 1000-1999

Boise Cascade Corp.
International Falls, MN 56649
(218) 283-3411
G.R. Brandt, Mgr.
Emp. 750-999

MISSISSIPPI (4 plants)

International Paper Co.
P.O. Drawer P
Moss Point, MS 39563
(601) 475-3451
John J. Reeves, Jr., Mill Mgr.
Emp. 1326

St. Regis Paper Co.
Ferguson Mill
P.O. Box 608
Monticello, MS 39654
(601) 587-7711
G. Palmer Derby, Res. Mgr.
Emp. 550

MISSOURI (4 plants)

Alton Box Board Co.
Cut St., Calton II
St. Louis, MO 62002
(618) 463-6000
Donald Estego, Mill Mgr.
Emp. 480

MONTANA (0 plants)NEBRASKA (0 plants)

NEVADA (0 plants)NEW HAMPSHIRE (7 plants)

Brown Co.
650 Main St.
Berlin, NH 03570
(603) 752-4600
Merrill Nash, Pres.
Emp. 1950

Monadnock Paper Mills, Inc.
Antrim Rd.
Bennington, NH 03442
(603) 588-3311
Gordon Bishop, Plant Mgr.
Emp. 185

NEW JERSEY (30 plants)

Beckley Perforating
Div. of First Hamilton Corp.
315 North Ave.
Garwood, NJ 07027
(201) 789-1700
S. Lawrence, Exec.V.Pres.
T. McKillop, O/Mgr.
Emp. 135

Cel Fibe
Van Liew Ave.
Milltown, NJ 08850
(201) 524-7650
L.R. Kuhlmann, Jr., Exec.V.Pres.
A.R. Lowrie, V.Pres.
Emp. 176

Chicopee Mfg. Co.
303 George St.
New Brunswick, NJ 08093
(201) 524-0400
H.G. Stolzer, Ch/Board
J.L. Butt, Pres.
Emp. 150

Emerson Quiet Kool Corp.
Div of National Union Electric
Woodbine & St. George Ave.
Woodbridge, NJ 07095
(201) 381-7000
I. Hersh, V.Pres.
F. Williams, V.Pres.
Emp. 425

Garden State Paper Co., Inc.
950 River Drive
Garfield, NJ 07026
(201) 772-8700
Richard B. Scudder, Ch./Board
Basil Snider, Jr., Pres.
Emp. 305

Quality Park Products
Mid Atlantic Div.
880 Garfield Ave.
Jersey City, NJ 07305
(201) 451-0200
S. Creel, V.Pres.
John Haggerty, V.Pres.
Emp. 161

Riegel Products Corp.
Sub. of Southwest Forest Ind., Inc.
Box R
Milford, NJ 08848
(201) 995-2411
J.E. Griffith, Pres.
T.M. Costello, V.Pres.
Emp. 1050

Schweitzer
Div. of Kimberly Clark Corp.
Main St.
Spotswood, NJ 08884
(201) 251-1220
W. Malinofsley, P/A
R. Johnson, P/M
Emp. 577

NEW MEXICO (0 plants)

NEW YORK (43 plants)

Crown Zellerbach
West End Ave.
P.O. Box 429
Carthage, NY 13619
(315) 493-3010
J.S. Hall, Off. Mgr.
Emp. 335

Diamond National Corp.
P.O. Box 630
Plattsburgh, NY 12901
(518) 561-4880
W.O. Coville, Off. Mgr.
Emp. 290

Finch, Pruyn & Co., Inc.
1 Glen St.
Glenn Falls, NY 12801
(518) 348-8411
Robert Pamplin, Chairman
Emp. 292

Hudson Pulp & Paper Corp.
477 Madison Ave.
New York, NY 10022
(212) 759-7733
Joseph Mazer, Chairman

International Paper Co.
Executive Offices
220 East 42nd St.
New York, NY 10017
(212) 490-6000
Emp. 51,300

Manning Paper Co.,
Div of Hammermill Paper Co.
Clinton & George St.
Green Island, NY 12183
(518) 273-6320
Robert Dressler, Pres.
Emp. 299

Mohawk Paper Mills, Inc.
465 Saratoga St.
Cohoes, NY 12047
(518) 237-1740
C.H. Leissler, V.Pres.
Emp. 330

Newton Falls Paper Mills, Inc.
Newton Falls, NY 13666
(315) 848-3321
Henry Parnass, Pres.
Emp. 528

Scott Paper Co.
Fort Edward, NY 12828
(518) 747-4151
H.F. Hoeneck, Gen. Mgr.
Emp. 600

Stevens & Thompson Paper Co.
Sub of Dixie Inc.
Greenwich, NY 12834
(518) 697-2211
L.T. Kimble, Pres.
Emp. 230

NORTH CAROLINA (12 plants)

Champion International Corp.
Champion Paper
P.O. Box C10
Canton, NC 28716
(704) 646-2611

Champion International Corp.
Hoerner Waldorf Corp. E.
P.O. Box 580
Roanoke Rapids, NC 27870
(919) 537-6011

Champion International Corp.
P.O. Box 479
Waynesville, NC 28786
(704) 646-2678

Olin Corp.
Ecusta Paper & Film Group
Box 200
Pisgah Forest, NC 28768
(704) 877-2211

NORTH CAROLINA (cont'd)

Rexham Corp. IE
P.O. Box 368
Matthews, NC 28105
(704) 847-9171

NORTH DAKOTA (0 plants)OHIO (19 plants)

Champion International Corp.
601 No B St.
Hamilton, OH 45012
(513) 868-6660
William E. Larsons, V.Pres.
Emp. 2000

Crystal Tissue Co.
S. Verity Pkwy.
P.O. Box 449
Middletown, OH 45042
(513) 423-0731
Thomas McMurray, Pres.
Emp. 400

Howard Paper Mills, Inc.
115 Columbia St.
P.O. Box 982
Dayton, OH 45401
(513) 224-1211
Lou N. Mehr, Pres.
Emp. 550

Mead Corp.
Mead Paper Forms Div.
S Paint St.
Chillicothe, OH 45601
(614) 772-3111
P.C. Smith, Pres.
Emp. 3000

Miami Paper Corp.
Pentair Inds.
S. Smith St.
Dayton, OH 45401
(513) 859-5101
James W. Winn, Exec. V.Pres.
Emp. 400

Sorg V. Paper Co.
901 Manchester Ave.
Middletown, OH 45042
(513) 422-3661
D.M. Yost, Pres.
Emp. 600

Stone Container Corp.
500 N. 4th St.
Coshocton, OH 43812
(614) 622-6543
Roger Stone, Corp.
Emp. 290

OKLAHOMA (1 plant)OREGON (24 plants)

American Can Co.
P.O. Box 215
Halsey, OR 97348
(503) 369-2293
Emp. 675
James W. Martin, Mgr.

Boise Cascade Corp.
St. Helens, OR 97051
(503) 397-2900
Emp. 650
John F. Walsh, Mgr.

Crown Zellerbach Corp.
West Linn Mill
West Linn, OR 97068
(503) 656-2951
Emp. 825
J.B. Palmer, Mgr.

International Paper Co.
Hwy 101
Gardiner, OR 97441
(503) 271-2184
Emp. 920
H.D. Hinman, Mgr.

OREGON (cont'd)

Publishers Paper Co.
419 Main St.
Oregon City, OR 97045
(503) 656-5211
J.E. Meadows, Pres.
Emp. 630
J.E. Meadows, Pres.

Western Kraft Paper Group
P.O. Box 339
Albany, OR 97321
(503) 926-2281
Emp. 350
D.E. Nicholson, Mgr.

PENNSYLVANIA (33 plants)

Appleton Papers, Inc.
W. Main St.
Roaring Spring, PA 16673
(814) 224-2131
John W. Turner, Gen. Mgr.
Emp. 521

Georgia Pacific Corp.
Hopper Paper Co., Div
450 Riverfront Dr.
Reading, PA 19602
(215) 375-4281
S.E. Hodgson, Plant Mgr.

Glatfelter, P.H.Co.
Main St.
Spring Grove, PA 17362
(717) 225-4711
J.F. Myers, Chief Eng.
Emp. 1075

Hammermill Paper Co.
Hammermill Paper Group
P.O. Box 268
Lock Haven, PA 17745
(717) 748-4045
G.P. Volanakis, Gen. Mgr.
Emp. 2100

Hammermill Paper Co.
1453 E. Lake Rd.
Erie, PA 16533
(814) 456-8811
R.M. Ludwig, Chief Eng.
Emp. 2000

Libbie Paper Co.
243 Fourth Ave.
Pittsburgh, PA 15230
(412) 281-5878
A.L. Shapira, Pres.
Emp. 400

Scott Paper Co.
Scott Plaza I
Philadelphia, PA 19113
(215) 521-5000
Philip E. Lippincott, Exec.V.Pres.
Emp. 21,300

Weyerhaeuser Miquon, Inc.
Paper Div.
Miquon, PA 19452
(215) 828-5800
J.V. Pennegar, Chief Eng.
Emp. 452

RHODE ISLAND (4 plants)

Bird & Son, Inc.
Dexter Rd.
Rumford, RI 02916
(401) 434-4700
Ralph Williams, Supt.
Emp. 175

Whitman Products Ltd.
Prescott Blvd.
Johnston, RI 02919
(401) 828-4200
Edward Whitman, Pres.
Emp. 100

SOUTH CAROLINA (4 plants)

Bowater Carolina Corp.
Catawba Newsprint
P.O. Box 7
Catawba, SC 29704
(803) 324-1130
Robert Herdman, Pres., Gen. Mgr.
Emp. 878

SOUTH DAKOTA (0 plants)TENNESSEE (4 plants)

Bowater Southern Paper Corp.
 Calhoun, TN 37309
 (615) 336-2211
 W.C. Grater, Pres., Gen. Mgr.
 Emp. 1250

Mead Paper Print & Writing Paper Div.
 P.O. Box 1964
 Kingsport, TN 37662
 (615) 247-7111
 C.H. Spencer, V.Pres.
 Emp. 1113

United States Tobacco Co.
 905 Harrison St.
 Nashville, TN 37203
 (615) 244-5270
 A.B. Paschall Jr., Plt. Mgr.
 Emp. 230

TEXAS (10 plants)

Champion International Corp.
 Champion Papers - Pasadena Mill
 Shaver St. & Washburn Tunnel
 Box 872
 Pasadena, TX 77501
 (713) 472-2421
 R.E. Olson, V.Pres. & Oper. Mgr.
 Emp. 1000-4999

Equitable Bag Co., Inc.
 Southern Div.
 13th St.
 Orange, TX 77630
 (713) 883-4305
 H.W. Mills, V.Pres. & Gen. Mgr.
 Emp. 250-499

Southland Paper Mills Inc.
 Houston Mill
 Box 23011
 Houston, TX 77028
 (713) 456-9850
 R.L. Paret, Res. Mgr.
 Emp. 250-499

Southland Paper Mills Inc.
 Lufkin Mill
 Box 149
 Lufkin, TX 75901
 (713) 544-3865
 Jack Reynolds, Mill Mgr.
 Emp. 1000-4999

Temple-Eastex Inc.
 Eastex Pulp and Paper Div.
 Evandale, TX
 (713) 276-1411
 Emp. 1000-4999

UTAH (0 plants)VERMONT (2 plants)

Georgia-Pacific Corp.
 Whitefield Paper Div.
 Gilman, VT 05904
 (802) 892-5515
 T.F. Sullivan, Gen. Mgr.

VIRGINIA (0 plants)WASHINGTON (7 plants)

Boise Cascade Paper Group
 West Tacoma Mill
 P.O. Box W
 Steilacoom, WA 98388
 (206) 588-2115
 Bernard A. Martz, Res. Mgr.
 Emp. 260

Crown Zellerbach, Corp.
 Port Angeles, WA 98362
 (206) 457-4474
 G.E. Elliot, Gen. Supt.
 Emp. 449

WASHINGTON (cont'd)

Grays Harbor Paper Co.
P.O. Box 60
Hoquiam, WA 98550
(206) 532-9600
R.F. Meyer, Gen. Mgr.
Emp. 325

WEST VIRGINIA (1 plant)WISCONSIN (28 plants)

Appleton Papers Inc.
825 E. Wisconsin Ave.
P.O. Box 359
Appleton, WI 54912
(414) 734-9841
John D. Sobiesczyk, Ch.Engr.
Emp. 1700

Badger Paper Mills, Inc.
W. Front St.
P.O. Box 149
Peshtigo, WI 54157
(715) 582-4551
Richard L. Anderson, Ch.Plant Eng.
Emp. 440

Bergstrom Paper Co.
Bergstrom Road
Neenah, WI 54956
(414) 725-3011
K.H. Voiss, Ch.Eng.
Emp. 600

Consolidated Papers, Inc.
P.O. Box 50
Wisconsin Rapids, WI 54494
(715) 422-3111
A.R. Dent, Ch.Eng.
Emp. 4043

Flambeau Paper Company
200 N. 1st Ave.
P.O. Box 340
Park Falls, WI 54552
(715) 762-3231
Robert Thompson, V.P. Engr.
Emp. 520

Gilbert Paper Company
430 Ahnaip St.
P.O. Box 260
Menasha, WI 54952
(414) 722-7721
F.E. Marsh, Ch.Eng.
Emp. 355

Kimberly - Clark Corp.
N. Lake St.
Neenah, WI 54956
(414) 729-1212
Emp. 2954

Mosinee Paper Corp.
Mosinee, WI 54455
(715) 693-2111
Clarence Scholtens, Pres.
Emp. 800

Nekoosa Paper Inc.
100 Wisconsin River Dr.
Port Edwards, WI 54469
(715) 887-5111
Jerome L. Luebke, Engr.
Emp. 2465

Niagara of Wisconsin Paper Corp.
1101 Mill St.
P.O. Box 5
Niagara, WI 54151
(715) 251-3151
Steve J. Semenchuk, V.P. Mfg.
Emp. 700

WISCONSIN (cont'd)

Nicolet Paper Company
Main Ave.
P.O. Box W 148
De Pere, WI 54115
(414) 336-4211
R.J. Terhar, Engr.
Emp. 390

Riverside Paper Corp.
800 S. Lawe St.
P.O. Box 179
Appleton, WI 54912
(414) 733-6651
Brian R. Hill, V.Pres. Eng.
Emp. 300

St. Regis Paper Co.
Printing & Packaging Papers Div.
Rhinelander, WI 54501
(715) 369-4100
D.J. Peterich, Ch.Eng.
Emp. 832

Thilmany Pulp and Paper Co.
Stribley Road
Kaukauna, WI 54130
(414) 766-4611
E.E. Uehlein, Ch.Eng.
Emp. 1600

Wausau Paper Mills Company
Brokaw, WI 54417
(715) 675-3361
Warren Johnson, Ch.Eng.
Emp. 800

Weyerhaeuser Company
Business Hwy 51
P.O. Box 200
Rothschild, WI 54474
(715) 359-3101
George O. Frenzel, Eng.
Emp. 700

WYOMING (0 plants)

1.29

SIC 2834

PHARMACEUTICAL
PREPARATIONS

1.291 KEY STATISTICS FOR SIC 2834

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Autoclaving and cleanup	250°F	1
<u>Current Heat Source(s)</u>		
Air	250°F	2
Steam	225°F - 300°F	2
<u>Total Energy Consumption</u>		
38.91 trillion BTU/year		3
Total no. of plants in U.S.	733	4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.292 Plant Directory for SIC 2834 Firms

ALABAMA (8 plants)

Frit Industries, Inc.
P. O. Box 850
Ozark, AL 36360
(205) 774-2515
S. Alfred, Pres.
Emp. 51-75

ARIZONA (3 plants)

Carter Glogau Laboratories
5160 W. Bethany Home Rd.
Glendale, AZ 85301
(602) 939-7565
Ronald M. Carter, Sr., Pres.
Emp. 140

ARKANSAS (4 plants)CALIFORNIA (66 plants)

Allergan Pharmaceuticals
P. O. Box C19534
2525 Dupont Dr.
Irvine, CA 92713
(714) 833-8880
William C. Shepherd, V.Pres.Mfg.
Emp. 987

Barnes-Hind Pharmaceuticals, Inc.
985 Kifer Rd.
Sunnyvale, CA 94086
(408) 736-5462
Richard C. Hungerford, V.Pres.Oper.
Emp. 298

ICN Pharmaceuticals, Inc.
2727 Campus Dr.
Irvine, CA 92715
(714) 752-9595
Milan Panic, Pres.
Emp. 500

McGaw Labs.
Div. of American Hospital Supply Co.
P. O. Box 11887
Santa Ana, CA 92711
(714) 754-2000
Dave Waggoner, Plant Mgr.
Emp. 2000

Nutrilite Products, Inc.
5600 Beach Blvd.
Buena Park, CA 90620
(714) 521-3900
Barney Bailey, V.Pres.
Emp. 282

Pharmaceutical Laboratories
1015 Grandview Ave.
Glendale, CA 91201
(213) 246-8263
J. P. Mangan, V.Pres.Mfg.
Emp. 1500

Riker Laboratories, Inc.
19901 Nordhoff St.
Northridge, CA 91324
(213) 341-1300
Marvin H. Margolis, Dir.Mfg.Div.
Emp. 800

Shaklee Corporation
1900 Powell St.
Emeryville, CA 94608
(415) 428-8000
Stuart Bolinger, Sr., V. Pres. Oper.
Emp. 1000

Stuart Pharmaceuticals
3360 E. Foothill Blvd.
Pasadena, CA 91190
(213) 795-7251
R. H. Groth, Plant Mgr.
Emp. 350

Syntex Laboratories, Inc.
3401 Hillview Ave.
Palo Alto, CA 94304
(415) 855-5050
Richard Rogers, Pres.
Emp. 1000

COLORADO (8 plants)

Cord Laboratories, Inc.
2555 W. Midway Blvd.
Broomfield, CO 80020
(303) 469-2131
Robert Tutag, Pres.
Emp. 100-250

COLORADO (cont'd)

Tutag Pharmaceuticals, Inc.
2699 Midway
Broomfield, CO 80020
(303) 466-4441
Robert Tutag, Ex.V. Pres.
Emp. 250-500

CONNECTICUT (15 plants)

Chesebrough-Pond's, Inc.
Clinton, CT 06413
(203) 669-8601
Ralph Ward, Pres.
Emp. 1450

McKesson Laboratories
Div. of Foremost-McKesson, Inc.
424 Grasmere Ave.
Fairfield, CT 06430
(203) 259-1661
Robert Wallace, Pres.
Emp. 300

Miles Laboratories, Inc.
Dome Laboratories Division
400 Morgan Lane
W. Haven, CT 06502
(203) 934-9221
John Paolo, Pres.
Emp. 417

Pfizer, Inc.
Eastern Point Rd.
Groton, CT 06340
(203) 445-5611
Dr. B. M. Bloom, V.P.
Emp. 2800

DELAWARE (5 plants)

ICI United States, Inc.
Stuart Pharmaceuticals Div.
Concord Pike & New Murphy Rd.
Wilmington, DE 19897
(302) 575-3000
R. P. Barnett, Pres.
Emp. 1500

Sterwin Laboratories, Inc.
P. O. Box 537
Millsboro, DE 19966
(302) 934-9274
Dr. Hiram N. Lasher, Pres.

FLORIDA (19 plants)

Aloe Creme Laboratories, Inc.
P. O. Box 5847
Fort Lauderdale, FL 33310
(305) 404-8600
Alec R. Faberman, Pres.
Emp. 80

Meyer Laboratories, Inc.
1900 N. Commercial Blvd.
Fort Lauderdale, FL 33309
(305) 776-5300
W. J. Haley, Pres.
Emp. 135

GEORGIA (17 plants)

McGaw Laboratories
Eatonton Highway
Milledgeville, GA 31061
(912) 453-3531
Emp. 765

IDAHO (1 plant)

ILLINOIS (85 plants)

Armour Pharmaceutical Co.
Route 50
Bradeley, IL 60915
Mail. Addr.: Box 511
Kankakee, IL 60901
(815) 932-6771
R. L. Scoggins, Plt. Contr.
Emp. 700

Baxter Travenol Laboratories, Inc.
Baxter Pkwy.
Deerfield, IL 60015
(312) 948-2000
Vernon R. Loucks, Jr., Pres.
Emp. 30,000

Oscro Drug, Inc.
1818 Swift Drive
Oakbrook, IL 60521
(312) 887-5000
Richard G. Cline, Pres.
Emp. 300

Scholl, Inc.
213 W. Schiller St.
Chicago, IL 60610
(312) 642-7200
Jack E. Scholl, Gen. Mgr.
Emp. 900

Wallgreen Laboratory
3532 W. 47th
Chicago, IL 60632
(312) 523-6954
H. Papenbrok, Plt. Spr.
Emp. 300

INDIANA (18 plants)

Dow Chemical Co.
Health & Consumer Prod. Dept.
9550 Neonsville Rd.
P. O. Box 68511
Indianapolis, IN 46268
(317) 873-7000
J. R. Lee, Gen. Mgr.
Emp. 500-999

Lilly Co., Inc., Eli
S.R. 63, P. O. Box 99
Clinton, IN 47842
(317) 832-2481
J. A. Karibo, Dir.
Emp. 500-999

Lilly & Co., Eli,
Greenfield Laboratories
U.S. 40 W.
P. O. Box 708
Greenfield, IN 46140
(317) 462-4441
R. Keck, Div. Dir.
Emp. 500-999

Lilly & Co., Eli,
307 E. McCarty St.
P. O. Box 618
Indianapolis, IN 46206
(317) 636-2211
Richard Wood, Ch./Board
Emp. 5000

Lilly & Co., Eli,
Tippecanoe Laboratories
Lilly Rd., P. O. Box 685
Lafayette, IN 47902
(317) 474-1430
C. V. St. John, V.P.
Emp. 1000-2499

Mead Johnson & Co.
2404 W. Pennsylvania St.
Evansville, IN 47721
(812) 426-6000
Wayne Davidson, Pres.
Emp. 2500-5000

Miles Laboratories, Inc.
1127 Myrtle St.
Elkhart, IN 46514
(219) 264-8111
Walter Cempton, M.D., Chm.
Emp. 1000-2499

Pfizer, Inc., Vigo Pl.
P. O. Box 88
Terre Haute, IN 47808
(812) 299-2121
Paul Benning, Pl. Mgr.
Emp. 500-999

INDIANA (cont'd)

Whitehall Laboratories
Div. of American Home Prod. Corp.
1919 Superior St.
Elkhart, IN 46514
(219) 294-5651
Paul Brandt, Plt. Mgr.
Emp. 500-999

IOWA (19 plants)

Fort Dodge Laboratories, Inc.
800 5th St. N.W.
Fort Dodge, IA 50501
(515) 573-3131
Emp. 250-500

General Mills Chemicals, Inc.
410 Johnson St.
Keokuk, IA 52632
(319) 524-2323
Emp. 100-250
Dr. J.C. Truce, Pres.

Salsbury Laboratories
2000 Rockford Road
Charles City, IA 50616
(515) 257-2534
Emp. 250-500
Dr. John G. Salsbury, Pres.

Vigortone Products Co.
5264 Council St., N.E.
Cedar Rapids, IA 52402
(319) 393-3310
Emp. 100-250
A.D. Swarzentruher, Pres, Gen. Mgr.

KANSAS (10 plants)

Bayvet, Div. of Cutter Laboratories
P. O. Box 390
12707 W. 63rd St.
Shawnee Mission, KS 66201
(913) 635-4800
Emp. 250-500

Sterling Drugs, Inc.
1776 N. Centennial Dr.
McPherson, KS 67460
(316) 241-6200
C. V. Flemming, Plt. Mgr.

KENTUCKY (4 plants)

Mann Chemical Corp.
520 W. Main St.
Louisville, KY 40202
(505) 585-2001

LOUISIANA (4 plants)MAINE (0 plants)MARYLAND (13 plants)

Burton, Partsons & Co., Inc.
120 West Hampton Ave.
Seat Pleasant, MD 20027
(301) 336-5700
Jack Dunphy, Dir. of Mfg.
Emp. 265

Hynson, Westcott & Dunning, Inc.
Charles & Chase Sts.
Baltimore, MD 21201
(301) 837-0890
Emp. 145
George F. Whattem, Pres.

MASSACHUSETTS (28 plants)

Astra Pharmaceutical Products, Inc.
7 Neponset St.
Worcester, MA 01605
(617) 620-0600
John J. Pfeiffer, Pres.
Emp. 800

MASSACHUSETTS (cont'd)

Damon Corp.
115 Fourth Ave.
Needham, MA 02194
(617) 449-0800
E. B. Lurier, V.Pres. Prod.
Emp. 4500

Warner-Lambert/Parke-Davis
Pharmaceutical Research Div.
2800 Plymouth Rd.
Ann Arbor, MI 48105
(313) 994-3500
R. A. Hill, Gen. Mgr.
Emp. 772

MICHIGAN (29 plants)

Parke Davis & Co.
Joseph Campau at River
P. O. Box 118
Detroit, MI 48232
(313) 567-5300
C. H. Kupsky, V.Pres. Opers.
Emp. 4700

Parke Davis & Co.
Parkedale Biological Laboratories
870 Parkdale Rd.
Rochester, MI 48063
(313) 651-9081
Emp. 277

Parke Davis & Co.
182 Howard St.
Holland, MI 49423
(616) 392-2375
J. Amaya, Gen. Mgr.
Emp. 379

Perrigo, L. Co.
117 Water
Allegan, MI 49010
(616) 673-8451
W. S. Tripp, Pres.
Emp. 300

Ross Laboratories
700 W. Lafayette
P. O. Box 10
Sturgis, MI 49091
(616) 651-5421
George Peoples, Plant Mgr.
Emp. 300

Upjohn Co., The
7000 Portage
Kalamazoo, MI 49001
(616) 323-4000
Ward H. Nay, V.P. Eng.
Emp. 17,600

MINNESOTA (22 plants)

Doyle Pharmaceutical Div.
Delmark Co.
2300 S. Hwy 100
Minneapolis, MN 55416
(612) 925-2100
D. M. Doyle, Pres.
Emp. 100-249

Fuller Laboratories, Inc.
Sub. Parke Davis Co.
7900 Fuller Rd.
Eden Prairie, MN 55343
(612) 941-4661
John A. Hay, V.Pres.
Emp. 100-249

Rowell Laboratories, Inc.
210 W. Main St.
Baudette, MN 56623
(218) 634-1866
T. H. Rowell, Jr., Pres.

MISSISSIPPI (6 plants)

Sterling Drug, Inc.
3600 25th Ave.
P. O. Box 1450
Gulfport, MS 39501
(601) unlisted
John Dewca, Plt. Mgr.
Emp. 167

Travenol Laboratories, Inc.
P. O. Box 1058
Cleveland, MS 38732
(601) unlisted
Terence N. Furness, Plt. Mgr.
Emp. 1,000

MISSOURI (45 plants)

Bristol-Meyers Products
Div. of Bristol-Meyers Co.
8877 Ladue Rd.
St. Joseph, MO 63124
(314) 862-1100
Richard Stemmler, Plt. Mgr.
Emp. 403

Chesebrough-Ponds, Inc.
P. O. Box 1047
N. Ten-Mile Dr.
Jefferson City, MO 65101
(314) 893-3040
David Donnelly, Plt. Mgr.
Emp. 896

Marion Laboratories, Inc.
10236 Bunker Ridge Rd.
Kansas City, MO 64137
(816) 761-2500
Ewing Kauffman, Pres.
Emp. 310

Monsanto Company
1700 South Second St.
St. Louis, MO 63177
(314) 621-4000
G. F. Knollmeyer, Plt. Mgr.
Emp. 1416

Rexall Drug Co.
3901 N. Kingshighway Blvd.
St. Louis, MO 63115
(314) 383-1234
Howard Vanderlinden, Pres.

NEBRASKA (12 plants)

Dorsey Laboratories
U.S. Hwy. 6 & I-80
Lincoln, NE 68501
(402) 464-6311
Lee Schroeder, Mgr.
Emp. 200-499

Norden Laboratories, Inc.
601 W. Cornhusker Hwy.
Lincoln, NE 68521
(402) 475-4541
George Ebright, Pres.
Emp. 200-499

NEVADA (1 plant)NEW HAMPSHIRE (none)NEW JERSEY (66 plants)

American Cyanamid Co.
Main Office
Borden Avenue
Wayne, NJ 07470
(201) 831-1234
J. G. Affleck, Ch./Board
J. C. Blanvett, V.Pres.
Emp. 39, 401

Arsynco, Inc.
Sub. of Aceto Chemical Co., Inc.
P. O. Box 8
Carlsbad, NJ 07072
(201) 933-2323
Seymour Mann, Ch./Board
Arnold Frankel, Pres.
Emp. 109

Beecham, Inc.
Beecham Laboratories
101 Possumtown Rd.
Piscataway, NJ 08854
(201) 469-5200
D. F. Bledsoe, Pres.
M. Jones, V.Pres.
Emp. 390

Beecham, Inc.
65 Industrial So.
Clifton, NJ 07012
(201) 778-9000
G. J. Wilkins, Ch./Board
M. Bale, Pres.
Emp. 322

Biocraft Labs., Inc.
92 Rte. 46
Elmwood Park, NJ 07407
(201) 796-3434
Harold Snyder, Pres.
Betrice Snyder, V. Pres.
Emp. 135

Block Orny Co. Inc.
272 Cornelison Ave.
Jersey City, NJ 07302
(201) 434-3000
James Block, Pres.
L. Block, Ch.Ex. Off.
Emp. 1,800

NEW JERSEY (cont'd)

Bristol-Meyers Products
Div. of Bristol-Meyers Co.
225 Long Ave.
Hillside, NJ 07205
(201) 923-5000
D. Bass, V.Pres.
L. Charkin, V.Pres.
Emp. 1,050

Carber-Wallace, Inc.
Half Acre Road
Cranbury, NJ 08512
(609) 655-1100
A. Hoyt, Pres.
Emp. 1,000

Chase Chemical Co.
280 Chestnut St.
Newark, NJ 07105
(201) 589-8181
J. E. Gilbert, Pres.
R. Remaly, V.Pres.
Emp. 300

Ciba-Geigy Corp.
Pharmaceuticals Div.
556 Morris Avenue
Summit, NJ 07901
(201) 277-5000
M. MacKinnon, Pres.
Jack L. Bowman, Exec.V.Pres.

Cooper Laboratories, Inc.
Fairfield Rd.
Wayne, NJ 07470
(201) 694-4100
P. G. Montgomery, Ch/Board
Dr. R. C. O'Neill, Pres.
Emp. 250

Cooper Laboratories, Inc.
1259 Rt. 46
Parsippany, NJ 07054
(201) 334-9800
P. G. Montgomery, Ch/Board
Dr. R. C. O'Neill, Ex.V.Pres.
Emp. 128

Elkins-Sinn, Inc.
Sub. of A. H. Robins Co.
2 Esterbrook Lane
Cherry Hills, NJ 08034
(609) 424-3700
Marvin Samson, Pres.
Davis R. Reese, V.Pres.
Emp. 277

Foods Plus, Inc.
77 Moonachie Ave.
Moonachie, NJ 07074
(201) 935-0400
Carl Zager, Pres.
Leonard Seitzer, V.Pres.
Emp. 185

G. & W. Laboratories, Inc.
111 Coolidge St.
South Plainfield, NJ 07080
(201) 753-2000
Carl Greenblatt, Ch/Board
Burton Greenblatt, Pres.
Emp. 195

Glenbrook Laboratories
Div. of Sterling Drug, Inc.
P. O. Box 1536
2144 East State St.
Trenton, NJ 08607
(609) 587-2200
J. E. Winig
Emp. 421

Gold Leaf Pharmacal Co., Inc.
Sub. of Ormont Drug & Chemical
Co., Inc.
520 S. Dean St.
Englewood, NJ 07631
(201) 567-0820
Jerald J. Jacolow, Pres.
George Goldenberg, V.Pres.
Emp. 130

Hoffman-LaRoche, Inc.
340 Kingsland Rd.
Nutley, NJ 07110
(201) 235-5000
J. H. Kelly, Ch/Board
R. B. Clark, Pres.
Emp. 8,700

Hudson Pharmaceutical Corp.
Sub. of Cadence Industries Corp.
21 Henderson Dr.
West Caldwell, NJ 07006
(201) 227-5100
Sheldon Feinberg, Ch/Board
M. Wasserman, Pres.
Emp. 300

NEW JERSEY (cont'd)

Knoll Pharmaceutical Co.
30 N. Jefferson Rd.
Whippany, NJ 07981
(201) 887-8300
E. Biekert, Ch/Board
Gerard G. Hunt, Pres.
Emp. 215

Leed Dixon Laboratories, Inc.
Moonachie Ave.
Moonachie, NJ 07074
(201) 939-4988
P. Pollack, Pres.
J. Hummel, V.Pres.
Emp. 200

Organon, Inc.
Div. of Akzona, Inc.
375 Mount Pleasant Ave.
West Orange, NJ 07052
(201) 325-4500
Joseph J. Ruvane, Jr., Pres.
H. A. Strade, V.Pres.
Emp. 600

Ormont Drug & Chemical Co., Inc.
520 South Dean St.
Englewood, NJ 07631
(201) 567-0820
Emp. 100

Ortho Diagnostics, Inc.
Sub. of Johnson & Johnson
U.S. Hwy. 202
Raritan, NJ 08869
(201) 524-0400
Wilfred H. Norman, Ch/Board
W. Robert Ballantyne, Pres.
Emp. 900

Reed & Carnrick
Div. of Block Drug Co., Inc.
30 Boright Ave.
Kenilworth, NJ 07033
(201) 272-6600
Arnold J. Singer, Ch/Board
John A. Baruch, Pres.
Emp. 245

Sandoz, Inc.
Rt. 10
East Hanover, NJ 07936
(201) 386-1000
J. C. Mosteller, Pres.
O. M. Ballentine, Ex. V. Pres.
Emp. 1,800

Squibb, E.R. & Sons, Inc.
Div. of Squibb Corp.
Georges Rd.
New Brunswick, NJ 08903
*Michael J. Vereb, Director Oper.,
Planning & Engineering
Emp. 3,000

Stauffer Chemical Co.
Speciality Chem. Div.
Benzol Prod.
Meadow Rd.
Edison, NJ 08817
(201) 985-6262
H. B. Morley, Pres.
J. P. Montelcone, V.Pres.
Emp. 170

Sterling Drug, Inc.
P.O. Box 1536
2144 E. State St.
Trenton, NJ 08607
(609) 587-2200
J. E. Winig

Warner-Chilcott Laboratories
Div. of Warner-Lambert Co.
182 Tabor Rd.
Morris Plains, NJ 07095
(201) 540-2000
E. B. Giblin, Ch/Board
W. S. Hagan, Pres.
Emp. 1,000

Warner-Lambert Co.
201 Tabor Rd.
Morris Plains, NJ 07095
(201) 540-2000
W. S. Lasdon, Ch/Board
W. S. Hagan, Pres.
Emp. 55,000

Whitehall Laboratories, Inc.
Div. of American Home Prod., Inc.
1000 S. Grand St.
Hammonton, NJ 08037
(201) 276-8000
H. F. Steck, Gen. Mgr.
Emp. 400

Williams, J.B. Co.
750 Walnut Ave.
Cranford, NJ 07016
(201) 276-8000
M. B. Rosenhaus, Pres.
W. Gutman, V. Pres.
Emp. 500

NEW JERSEY (cont'd)

Zenith Laboratories, Inc.
140 Le Grand Ave.
Northvale, NJ 07647
(201) 767-1700
Roger W. Cromer, Ex.V.Pres.
Edward B. Latinsky, V.Pres.
Emp. 200

NEW MEXICO (1 plant)

Anachem
302 Valverde S.E.
P. O. Box 947
Albuquerque, NM 87103
(505) 255-4987
Richard Holland, Pres.
Emp. 1 - 9

NEW YORK (41 plants)

Ayerst Laboratories
Div. of American Home Prod.
685 Third Ave.
New York, NY 10017
(212) 986-1000
William Davis, Pres.
Emp 2,000

Norwich Pharmacal Company
Div. of Morton-Norwich Prod., Inc.
17 Eaton Ave.
Norwich, NY 13815
(607) 335-2111
R. G. Boulton, Pres.
Emp. 1400

Squibb Corporation
40 W. 57th St.
New York, NY 10019
(212) 489-2000
Richard Farland, Pres.
Emp.

Stiefel Laboratories, Inc.
Route 145
Oak Hill, NY 12460
(716) 239-6901
Herbert Stiefel, V.Pres.
Emp. 200

Williams, J.B. Co., Inc.
Sub. of Nabisco Inc.
7676 5th Ave.
New York, NY 10011
(212) 752-5700
M. B. Rosenhaus, Chairman

Winthrop Laboratories
Div. of Sterling Drug, Inc.
90 Park Ave.
New York, NY 10016
(212) 972-4141
Charles Czernak, Pres.
Emp. 2,200

NORTH CAROLINA (16 plants)

Abbott Laboratories, Inc.
P. O. Box 2226
Rocky Mount, NC 27801
(919) 977-5111

Baxter Travenol Laboratories, Inc.
P. O. Box 1390
Marion, NC 28752
(704) 716-4151

Richardson Merrell, Inc.
Vicks Health Care Div.
P. O. Box 22086
Greensboro, NC 27420
(919) 292-2420

Schieffelin & Co.
Almay Inc.
P. O. Box 748
Apex, NC 27502
(919) 362-7422

Wellcome Foundation Ltd., Inc.
Burroughs Wellcome Co.
P. O. Box 1887
Greenville, NC 27834
(919) 758-3436

NORTH DAKOTA (none)OHIO (25 plants)

Hydrosal Co./Merchandise, Inc.
5927 St.
Rt. 128 P. O. Box 8
Miamitown, OH 45041
(513) 353-2200
Donald J. Karchej, Chief Ex. Off.
Emp. 150

ICN Pharmaceuticals, Inc.
5040 Leites Rd.
Cincinnati, OH 45202
(513) 631-4700
Milan Panic, Pres.
Emp. 175

Kauffman-Lattimer Co.
1200 E. Fifth Ave.
P. O. Box 870
Columbus, OH 43216
(614) 253-2721
Benton Kauffman, Pres.
Emp. 150

Philips Roxane Labs.
330 Oak St.
Columbus, OH 43216
(614) 228-5403
Gerald C. Wojta
Emp. 200

Richardson-Merrel, Inc.
110 E. Amity Rd.
Cincinnati, OH 45202
(513) 943-9111
I. Husovsky, Pres.
Emp. 1,600

Warren-Teed Labs.
582 W. Goodale Blvd.
Columbus, OH 43216
(614) 221-5574
Dr. Eichel, Pres.
Emp. 450

OKLAHOMA (3 plants)OREGON (7 plants)

Kirkman Laboratories, Inc.
934 NE 25th Ave.
P. O. Box 3929
Portland, OR 97208
(503) 233-4441
Stanley N. Bachman, Pres.
Emp. 50

Stanley Drug Products, Inc.
232 SE Oak St.
Portland, OR 97214
(503) 234-0432
Emp. 115

PENNSYLVANIA (38 plants)

McNeil Laboratories, Inc.
Sub. of Johnson & Johnson
Camp Hill Rd.
Fort Washington, PA 19034
(215) 836-4500
Robert H. O'Neill, Chief Eng.
Emp. 1,058

Merck & Co., Inc.
P. O. Box 196
Danville, PA 17821
(717) 275-2220
J. J. Horan, Pres.
Emp. 505

Merck, Sharp & Dohme
Div. of Merck & Co., Inc.
West Point, PA 19486
(215) 699-5311
William G. McDowell, Chief Eng.
Emp. 3,500

Rorer, William H., Inc.
Div. of Rorer Amchem, Inc.
500 Virginia Dr.
Fort Washington, PA 19034
(215) 628-6000
R. A. Bruner, Chief Eng.
Emp. 925

Smith Kline Corp.
2615 W. Hunting Park Ave.
Philadelphia, PA 19129
(215) 227-6600
Henry Wenat, Pres.
Emp. 3,000

PENNSYLVANIA (cont'd)

Sterlin Drug, Inc.
S. College & Stoever Ave.
Myerstown, PA 17067
(717) 866-2141
D. W. Moore, Plant Mgr.
Emp. 598

Wyeth Laboratories
King of Prussia Rd. & Lancaster Ave.
Radnor, PA 19087
(215) 688-4400
R. W. Herion, Chief Eng.
Emp. 960

Wyeth Laboratories
Div. of American Home Prod. Co.
P. O. Box 861
Paoli, PA 19301
(215) 644-8000
R. Herion, Chief Eng.
Emp. 1,430

RHODE ISLAND (3 plants)SOUTH CAROLINA (7 plants)

Norwich Pharmacal Company
Osage and Perimeter Road
P. O. Box 2468
Greenville, SC 29600
(803) 277-7110
James A. Shepherd, P.M.
Emp. 307

SOUTH DAKOTA (1 plant)TENNESSEE (12 plants)

Beecham Laboratories
501-551 Fifth St.
Bristol, TN 37620
(615) 764-5141
D. F. Bledsoe, Pres.
Emp. 384

Block Drug Co.
2149 Harbor
Memphis, TN 38113
(901) 948-3372
C. F. Craig, G.M.
Emp. 200

Chattem Drug & Chemical Co.
1715 West 38th St.
Chattanooga, TN 37409
(615) 821-4571
Alex Guerry, Ch/Board
Emp. 220

Cutter Laboratories
1800 Crutchfield St.
Chattanooga, TN 37406
(615) 624-4661
Harry Schamhart, Gen. Mgr.
Emp. 625

Plough Inc.
3030 Jackson Ave.
Memphis, TN 38151
(901) 320-2011
R. Lee Jenkins, Pres.
Emp. 1,800

TEXAS (43 plants)

Arbrook, Inc.
2500 Arbrook Blvd.
P. O. Box 130
Arlington, TX 76010
(817) 277-8141
Thomas E. Taylor, Pres.

Owen Laboratories
Dermatology Div.
3737 Beltline Road
P. O. Box 34630
Dallas, TX 75234
(214) 233-6621
Keith A. Lane, G.M.

Savage Laboratories
1000 Main
P. O. Box 1000
Missouri City, TX 77459
(713) 499-4547
Frank Flack, Plt. Mgr.

Texas Pharmacal Co.
307 E. Josephine
P. O. Box 1659
San Antonio, TX 78296
(512) 223-3281
S. J. Mangeric, Pres.

UTAH (4 plants)

Cutter Laboratories
1250 Gibson
Ogden, UT 84404
(801) 393-8401
Emp. 300-399

VERMONT (1 plant)VIRGINIA (5 plants)

A.H. Robins, Inc.
1407 Cummings
Richmond, VA 23220
(804) 257-2000
W.L. Zimmer, III, Pres.
Emp. 500-1000

Beechman-Massengil Pharmaceuticals
551 Fifth St.
Bristol, VA 37620
(703) 764-5141
D.F. Bledsoe, G.M.
Emp. 250-500

WASHINGTON (11 plants)WEST VIRGINIA (2 plants)WISCONSIN (5 plants)WYOMING (0 plants)

1.30

SIC 2879

PESTICIDES AND
AGRICULTURAL CHEMICALS

1.301 KEY STATISTICS FOR SIC 2879

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Solution Heating	300°F	1
<u>Current Heat Source(s)</u>		
Steam	225°F - 300°F	2
<u>Total Energy Consumption</u>		
13.65 trillion BTU/year		3
Total no. of plants in U.S.	704	4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.302 Plant Directory For SIC 2879 Firms

ALABAMA (19 plants)

Ciba-Geigy Corp.
Div of Ciba-Geigy, Ltd.
P.O. Box 113
McIntosh, AL 36553
(205) 944-2201
R. Rilt, Plant Mgr.
Emp. 1001-1500

Digussa Corp.
Alabama Group
Div of Frankfurt West Germany
Theodore Industrial Park
P.O. Box 606
Theodore, AL 36582
(205) 653-7945
Dr. Mansfeld, Pres.
Emp. 351-450

Monsanto Co., Inc.
Agricultural Products Div.
P.O. Box 249
Birmingham, AL 36201
(205) 236-6381
G.L. Jessee, Plant Mgr.
Emp. 251-300

Olin Corp.
P.O. Box 28
McIntosh, AL 36533
(205) 944-2231
James Towey, Chrm.
Emp. 451-550

ARIZONA (13 plants)

Chemical Distributors
DBA Arizona Agrichemical
2602 S. 24th St.
Phoenix, AZ 85034
(602) 244-1311
Russell Reid, V.Pres. & Gen. Mgr.
Emp. 195

Phelps Dodge Corp.
P.O. Drawer 9
Ajo, AZ 85321
(602) 383-7451
D.H. Orr, Mgr.
Emp. 1141

ARKANSAS (12 plants)

Eagle River Chemical
P.O. Box 2648
W. Helena, AR 72390
(501) 572-3701
J.W. Shackelford, Prd.
Emp. 100-200

Gardiner Big River, Inc.
Hwy 20
P.O. Box 825
Helena, AR 72390
(501) 338-6481
Pearce A. Nelson, Plant Mgr.

Helena Chemical Co.
P.O. Box 2338
W. Helena, AR 72790
(501) 572-3434
H.G. Naour, Plant Mgr.
Emp. 200-300

Transvall, Inc.
P.O. Box 69
Marshall Rd.
Jacksonville, AR 72076
(501) 982-9481
Thurman Bennett, Jr., V.Pres &
Gen. Mgr.
Emp. 100-200

CALIFORNIA (8 plants)

Occidental Chemical Co.
P.O. Box 198
Lathrop, CA 95330
(209) 858-2511
Al Osborn, Plant Mgr.
Emp. 950

Rose Exterminator Co.
626 Potrero Ave.
San Francisco, CA 94110
(415) 647-2323
Lee Zusman, Pres & Gen. Mgr.
Emp. 150

COLORADO (11 plants)

Shell Chemical Co.
P.O. Box 2171 L
Denver, CO 80201
(303) 288-1561
J.A. Kneve, Plant Mgr.
Emp. 250-500

CONNECTICUT (6 plants)DELAWARE (0 plants)FLORIDA (53 plants)

Agricultural Chemicals Div
Grace, W.R. & Co.
North Old Dixie Hwy.
P.O. Box 1210
Fort Pierce, FL 33450
(305) 461-7020
W.H. Stone, Reg. Mgr.
Emp. 150

Kerr-McGee Chemical Corp.
P.O. Box 3000
Jacksonville, FL 32206
(904) 353-8411
R.W. Cheves, Reg. Mgr.
Emp. 265

Stauffer Chemical Co.
Agricultural Chem.
2009 Orient Rd.
Tampa, FL 33619
(813) 626-1121
Max H. Haigler, Plant Mgr.
Emp. 100

GEORGIA (84 plants)

Boyle-Midway Div.
4111 Pleasantdale Rd.
Atlanta, GA 30340
(404) 448-7670
Emp. 233

Hercules Inc.
Cook St.
Brunswick, GA 31520
(912) 265-3550
Emp. 900

Oxford Chem. Div.
Consol Foods Corp.
5001 Peachtree Ind. Blvd.
P.O. Box 80202
Chamblee, GA 30366
(404) 451-4311
Emp. 649

Sentry Chemical Co.
1481 Rock Mountain Blvd.
Stone Mountain, GA 30083
(404) 934-4242
Emp. 105

Stevens Industries, Inc.
Dawson, GA 31742
(912) 995-2111
Emp. 400

Woolfolk Chemical Works, Inc.
E. Main St.
P.O. Box 938
Fort Valley, GA 31030
(912) 825-5511
Emp. 109

IDAHO (13 plants)

Beker Industries Corp.
 P.O. Box 37
 Conda, ID 83230
 (208) 547-4381
 Gerald Snedden, Gen. Mgr.
 Emp. 300-499

Vulcan Materials Co.
 Box 12283
 Wichita, KS 67277
 (316) 524-4211
 Mike J. Ferris, Mgr.
 Emp. 500-1000

ILLINOIS (5 plants)INDIANA (0 plants)IOWA (23 plants)

Aidex Corp.
 I-29 & Hwy 370
 Council Bluffs, IA
 Mail to: P.O. Box 7348
 Omaha, NE 68107
 (712) 366-2441
 Kermit S. Lorenz, Pres.
 Emp. 50-100

Monsanto Co.
 P.O. Box 473
 Muscatine, IA
 (319) 263-0093
 L.W. Salley, Plant Mgr.
 Emp. 250-500

KANSAS (17 plants)

Gulf Oil Chemicals
 Box 6200 B
 Pittsburg, KS 60762
 (316) 783-1321
 R.J. Seidel, Plant Mgr.
 Emp. 250-500

Thompson-Hayward Chemical Co.
 727 E. Osie
 Box 2340
 Wichita, KS 67201
 (316) 263-1244
 Don Howard, Mgr.

KENTUCKY (9 plants)

Rigo Chemical Co.
 Hwy 146
 Buckner, KY 40010
 (502) 222-1456
 Emp. 40
 H. D. Jim Gay, Gen. Mgr.

LOUISIANA (11 plants)

CIBA-Geigy Corp.
 P.O. Box 11
 St. Gabriel, LA 70776
 (504) 642-7731
 Emp. 650

FMC Corp.
 P.O. Box 818
 Minden, LA 71055
 (318) 377-0387
 Emp. 150

MAINE (0 plants)

MARYLAND (13 plants)

Allied Chemical Corp.
2000 Race St.
Baltimore, MD 21230
(301) 752-5130
J.P. Fundersol, Supt.
Emp. 110

American Chemmate Corp.
Howard & West Sts.
Baltimore, MD 21230
(301) 752-2610
John K. Douros, Gen. Mgr..
Emp. 140

FMC Corp.
1701 E. Patapsco Ave.
Baltimore, MD 21226
P.O. Box 1616
Baltimore, MD 21203
(301) 355-6400
E.W. Wayland, Plant Mgr.
Emp. 395

Fuld-Stalfort Inc.
1354 Old Post Rd.
Havre De Grace, MD 21078
(301) 939-1234
E.K. Lipsey, Pres.
Emp. 100

MASSACHUSETTS (4 plants)

Waltham Chemical Co.
817 Moody St.
Waltham, MA 02154
(617) 893-1810
Richard L. Keenan, Pres. & Tres.
Emp. 62

MICHIGAN (10 plants)

Grower Service Corp.
16713 Industrial Parkway
Lansing, MI 48901
(517) 323-2125
M.P. Ballmer, Pres.
Emp. 130

Instasan Brand Products, Inc.
12850 Lyndon Ave.
Detroit, MI 48227
(313) 342-2900
Henry Greene, Chief Eng.

Upjohn Co., The
7000 Portage
Kalamazoo, MI 49001
(616) 323-4000
Ward H. Nay, V.Pres. Eng.
Emp. 17,600

MINNESOTA (27 plants)

Anderson Chemical Co.
Box 1040
Litchfield, MN 55355
(612) 693-2477
Bruce Anderson, Pres.
Emp. 25-49

Gustafson Inc.
6600 Washington Ave. So.
Lake Elmo, MN 55343
(612) 941-1630
Hugo Wenshaw, Plant Supt.

E.H. Leitte Co.
3482 Laverne Ave. No.
Lake Elmo, MN 55042
(612) 777-8111
E.H. Leitte, Pres.
Emp. 1-8

Thompson Hayward Chemical Co.
909 2nd St. South
Minneapolis, MN 55415
(612) 332-5394
Ralph Ripley, Reg. Mgr.
Emp. 9-24

MISSISSIPPI (17 plants)

Kerr McGee Chemical Corp.
Hamilton, MS 39746
(601) 343-8311
George E. Adam, Mgr.
Emp. 305

MFC Services
Patton St.
Box 550
Clarksdale, MS 38614
(601) 624-8381
John Duff, Dir. Mkt.
Emp. 92

Vicksburg Chemical Co.
Rifle Range Rd., Stouts Crossing
P.O. Box 3
Vicksburg, MS 39180
(601) 636-1231
Fred L. Ahlers, V.Pres.
Emp. 300

MISSOURI (42 plants)

Adco, Inc.
900 W. Main St.
Sedalia, MO 65301
(816) 826-3300
John Van Dyne, Chief Exec. Off.
Emp. 126

American Cyanamid Co.
State Rt. 168 & Jj Spur
Palmyra, MO 63461
(314) 769-2011
H.S. Clancy, Plant Mgr.
Emp. 408

Chemagro Agricultural, Div. of Mobay
Chemical Corp.
Hawthorn Rd.
P.O. Box 4913
Kansas City, MO 64120
(816) 242-2000
Dr. K.H. Voepel
Emp. 1215

Chevron Chemical Corp.
2497 Adie Rd.
Maryland Heights
St. Louis, MO 63043
(314) 432-8234
Emp. 110

Chromallay Chemical Specialties
5048 Penrose
St. Louis, MO 63115
(314) 385-9398
G.P. Hentschke, Pres.
Emp. 200

Irwin-Willert Co.
4044 Park Ave.
St. Louis, MO 63110
(314) 772-2822
A.W. Willert, Jr., Pres.
Emp. 199

Missouri Chemical Co.
426 Monterey
Box 788
St. Joseph, MO 64502
(816) 233-8877
Dan Miller, Gen. Mgr.
Emp. 184

The Perro Co., Inc.
2801-05 Locust St.
St. Louis, MO 63103
(314) 533-1790
N.E. Wilson, Ch/Board
Emp. 100

W.R. Grace & Co
Agricultural Chemical Group
P.O. Box 1406
Joplin, MO 64801
(417) 624-6900
D.E. Warren, Plant Mgr.
Emp. 113

MONTANA (1 plant)

NEBRASKA (14 plants)

Stauffer Chemical Co.
4111 Gibson Rd.
Omaha, NE 68107
(402) 733-3200
Norman Lamb
Emp. 100-199

Automatic Equipment Mfg. Co., Inc.
Pinder, NE 68047
(402) 385-3051
Myron Hesse, Pres.
Emp. 50-99

NEVADA (0 plants)NEW HAMPSHIRE (1 plant)NEW JERSEY (32 plants)

American Cyanamid Co.
Industrial Chemicals Div
Tremley Point Rd.
P.O. Box 31
Linden, NJ 07036
(201) 862-6000
R. Nennmuller
C.A. Mohn
Emp. 822

American Cyanamid Co.
Main Office
Bordan Ave
Wayne, NY 07470
(201) 831-1234
J.G. Affleck,
J.C. Blanvett, V.Pres.
Emp. 39,401

DuPont De Nemours
E.I. & Co., Inc.
Repanno Ave.
Gibbstown, NJ 08207
(609) 423-0105
R.W. Bayrer
Emp. 500

Hercules Inc.
South Minnissinle Ave.
Parlin, NJ 08859
(201) 254-1234
Ronald R. Kelojeski
Emp. 705

Penicle Corp.
Unit of Cpc International
1050 Wall St. West
Lyndhurst, NJ 07071
(201) 935-6600
J.J. Verse, Pres.
T.M. Cashman, V.Pres.
Emp. 730

Rhodia, Inc.
Sub. of Phone-Poulenc
P.O. Box 125
Monmouth Junction, NJ 08852
(201) 846-7700
M. Picard, Ch/Board
G. Harris, Pres.
Emp. 200

Sandoz Inc.
Rt. 10
East Hanover, NJ 07936
(201) 386-1000
Albert J. Frey, Ch/Exec.
Donald Stark, Exec.V.Pres.
Emp. 1800

NEW MEXICO (5 plants)

Agricultural Prod. Co., Inc.
Drawer A
Mesquite, NM 88048
(505) 233-3171
Leslie Clayshulte, Pres.
Emp. 50-99

NEW YORK (4 plants)

Ciba-Geigy Corp.
Sub of Ciba-Geigy Ltd., Switzerland
Saw Mill River Rd.
Ardsley, NY 10502
(516) 478-3131
O. Sturzenegger

Pfizer Inc.
Executive Offices
235 E. 42nd St.
New York, NY 10017
(212) unlisted
Gerald Laubauch, Pres.
Emp. 40,000

NORTH CAROLINA (19 plants)

Borden Inc.
Smith Douglas Co.
P.O. Box 1455
Kinston, NC 28501
(919) 527-5161
T.W. Stroud, Mgr.
Emp. 50-99

Coastal Chemical Corp.
P.O. Box 525
Clayton, NC 27520
(919) 553-7105
Stanley Rule, Mgr.
Emp. 50-99

Imperial Chemical Ind. Ltd.
ICI Americas Inc.
P.O. Box 1268
Charlotte, NC 28206
(704) 375-7336
Howard Belue, Plant Mgr.
Emp. 50-99

Texasgulf, Inc.
P.O. Box 48
Aurora, NC 27806
(919) 322-4111
James Paden, Gen. Mgr.
Emp. 500-999

Uniroyal Inc., Chemical Div.
P.O. Box 2337
Gastonia, NC 28052
(704) 864-3411
R.R. Carpenter, Mgr.
Emp. 50-99

NORTH DAKOTA (1 plant)OHIO (17 plants)

Konalrad Products Inc.
501 S. Basinger Rd.
Pandora, OH 45877
(419) 384-3241
Emp. 125

Sterling Drug Inc.
Lehn & Fink Products Group
4934 Lewis Ave.
P.O. Box 957
Toledo, OH 43601
(419) 476-4400
James Bodnar
Emp. 150

OKLAHOMA (0 plants)OREGON (8 plants)

Rhodia Inc.
6200 NW St. Helens Road
Portland, OR 97210
(503) 639-8872
Emp. 70

PENNSYLVANIA (67 plants)

Amchem Products, Inc.
Union Carbide
Brookside Ave.
Ambler, PA 19002
(215) 628-1000
E.A. Snyder, Pres.
Emp. 1050

PENNSYLVANIA (cont'd)

C & C Compost
P.O. Box 487
Avondale, PA 19311
(215) 869-2400
C. Ruble, Pres.
Emp. 100

Lebanon Chemical Corp.
Rte. 422 E. Avon
Lebanon, PA 17042
(717) 273-1687
Vernon Bishop, Pres.
Emp. 125

Rohm and Haas Co.
Independence Mall
W. Philadelphia, PA 19105
(215) 592-3000
D.L. Felley, Pres.
Emp. 13,000

Mt. Pleasant Chemical Co.
Mt. Pleasant, TN 38474
(615) 379-5531
David Crawley, Plant Mgr.
Emp. 100

Pro-Serve Inc.
400 Brooks Rd. E.
Memphis, TN 38116
(901) 332-7052
Robert E. Branch, Pres.
Emp. 100

Velsicol Chemical Corp.
1199 Warford
Memphis, TN 38108
(901) 324-4401
C.R. Hanson, Plant Mgr.
Emp. 250

RHODE ISLAND (0 plants)SOUTH CAROLINA (12 plants)

Southern Agricultural Chemicals, Inc.
111 Dennis
P.O. Box 527
Kingstree, SC 29556
(803) 354-6111
Wendell H. Tiller, Pres.
Emp. 40

SOUTH DAKOTA (1 plant)TENNESSEE (13 plants)

Conwood Corp.
813 Ridgelake Blvd.
Memphis, TN 38138
(901) 761-2050
William M. Rosson, Pres.
Emp. 600

TEXAS (92 plants)

Diamond Shamrock Corp.
Industrial Chemical & Plastics Unit
Gulf Coast Area
Agricultural Chemicals Div
Greens Bayou Plant
2239 Haden Rd.
Box 9637
Houston, TX 77015
(713) 453-7146
R.L. Urbanowski, Plant Mgr.

Dow Chemical, USA
Texas Div
Drawer K
Freeport, TX 77541
(713) 238-2011
D.A. Rikard, Gen. Mgr.

GAF Corp.
Chemical Group
Industrial Ave.
Box 2141
Texas City, TX 77590
(713) 945-3411
J.C. Schlichter, Plant Mgr.

TEXAS (cont'd)

Northwest Chemco, Inc.
 Beaumont Plant
 Rt 4
 Box 327
 Beaumont, TX 77705
 (713) unlisted
 M.R. Fannin, Plant Mgr.

Tide Products Inc.
 800 N. Closner
 Box 1020
 Edinburg, TX 78539
 (512) 383-4901
 D.L. Bentsen, Pres.

Voluntary Purchasing Groups, Inc.
 Hwy 82 W.
 Box 460
 Bonham, TX 75418
 (214) 583-5501
 H.D. Smith, Pres.

Zoecon Industries, Inc.
 12200 Denton Dr.
 Farmers Branch, TX 75234
 (214) 243-2321
 Ronald S. Brakke, Pres.

WASHINGTON (4 plants)WEST VIRGINIA (1 plant)WISCONSIN (13 plants)

Ansul Company
 1 Stanton St.
 Marinette, WI 54143
 (715) 735-7411
 Terrell L. Ruhlman, Pres.
 Emp. 650

S.C. Johnson & Sons, Inc.
 1525 Howe St.
 Racine, WI 53403
 (414) 554-2000
 Dick E. Milholland, V.Pres. Mfg.
 Emp. 2200

UTAH (0 plants)VERMONT (0 plant)VIRGINIA (2 plants)

Dragon Chemical Co.
 7033 Walrond Dr.
 Roanoke, VA 24019
 (703) 362-3657
 E.W. Rose, Pres.
 Emp. 10

WYOMING (0 plants)

1.31

SIC 2951

PAVING MIXTURES
AND BLOCKS

1.311 KEY STATISTICS FOR SIC 2951

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
a) Heating Asphalt	325°F	1
b) Aggregate Drying	275°F - 325°F	1

<u>Current Heat Source(s)</u>		
Steam	210°F - 350°F	2

<u>Total Energy Consumption</u>	
38.57 trillion BTU/year	3
Total no. of plants in U.S.	948 4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.312 Plant Directory For SIC 2951 Firms

ALABAMA (42 plants)

Ashland - Warren, Inc.
 Alabama Div
 P.O. Box 818
 Birmingham, AL 35201
 (205) 252-3456
 N.W.E. Long, Div. Pres.
 Emp. 251-300

G.A.F. Corp.
 Building Products Div.
 2400 Emogene St.
 P.O. Box 6377
 Mobile, AL 36606
 (205) 478-6311
 E.M. Trigg, Plant Mgr.
 Emp 351-450

Radcliff Materials, Inc.
 P.O. Drawer 2068
 Mobile, AL 36601
 (205) 432-2651
 E.B. Tice, Pres.
 Emp. 351-450

Southeast Contractors, Inc.
 Alton Rd.
 P.O. Drawer 66029
 Birmingham, AL 35210
 (205) 833-7131
 Emp. 201-250

ARIZONA (6 plants)

The Tanners Co.
 United Metro Materials Div
 3640 S. 19th Ave.
 Phoenix, AZ 85009
 (602) 262-1341
 John H. Tanner
 Emp. 1600

ARKANSAS (19 plants)

Midstate Construction Co.
 P.O. Box 339
 Malvern, AR 72104
 (501) 332-6221
 Sam R. Clark, Pres.
 Emp. 50-100

White River Bituminous, Inc.
 P.O. Drawer 2236
 Batesville, AR 72501
 (501) 251-2373
 Mike Shetron, Plant Mgr.
 Emp. 50-100

CALIFORNIA (8 plants)

Chevron Asphalt Co.
 575 Market St.
 San Francisco, CA 94105
 (415) 894-7800
 Vaughn Smith, Pres.
 Emp. 688

Fontana Paving Inc.
 14556 Arrow Hwy
 P.O. Box 847
 Fontana, CA 92335
 (714) 823-0651
 Reed Sprinkel, Pres.
 Emp. 75

Trumbull Asphalt Co of Delaware
 1720 Mona Blvd.
 P.O. Box 5545
 Compton, CA 90224
 (213) 636-1677
 A.J. Cendro, Plant Supt.

COLORADO (19 plants)

Asphalt Paving Co.
 14802 W. 44th Ave.
 Golden, CO 80401
 (303) 279-6611
 W.J. Keller, Pres.
 Emp. 100-250

COLORADO (cont'd)

Brannan Sand & Gravel Co.
4800 Brighton Blvd.
Denver, CO 80216
(303) 534-1231
W.W. Sellers, Pres.
Emp. 100-250

Broderick & Gibbons, Inc.
615 Santa Fe Dr.
Pueblo, CO 81006
(303) 543-3823
W. Gower, Pres.
Emp. 100-250

Flatiron Paving Co.
57th & Valmont Rd.
Boulder, CO 80302
(303) 443-9400
Match Simmons, Pres.
Emp. 100-250

Flatiron Paving Co.
N. 35th & Poudre R.
Greeley, CO 80631
(303) 353-2771
Lou Moore, Office Mgr.
Emp. 100-250

CONNECTICUT (6 plants)

Peckham Industries Inc.
Custom Hall Furniture Div
Box 689
Fairfield, CT 06430
(203) 366-4795
John Peckham, Pres.
Emp. 250

DELAWARE (1 plant)

Emulasta Prods. of Delmarva, Inc.
P.O. Box 731
Seaford, DE 19973
(302) 629-3505
Thomas E. Short, Jr., Gen. Mgr.
Emp. 75

FLORIDA (66 plants)

Cobb, W.L. Const. Co.
Asphalt Plant
1700 Starkey Rd.
Largo, FL
Mail: P.O. Box 10309
St. Petersburg, FL 33733
(813) 584-7655
J.W. Hayes, Supt.
Emp. 280

Cone Bros. Contracting Co.
Hardaway Co., The
6215 E. Sligh Ave.
Mail: P.O. Box 1259
Tampa, FL
(813) 621-1311
G.D. Hanson, V.Pres & Gen. Mgr.
Emp. 652

Houdaille-Duval-Wright Div.
Houdaille Industries
1050 NE 5th Terrace
Mail: P.O. Box 8068
Ft Lauderdale, FL 33310
(305) 764-2000
R.R. McNally, V.Pres.
Emp. 300

Mac Asphalt Corp.
Sub. Ashland Oil Co., Inc.
1445 42nd St. N.W.
Mail: P.O. Box 1819
Winter Haven, FL 33880
(813) 294-7641
William F. LaLonde, V.Pres.
Emp. 200

White Const. Co. Inc.
Mail: P.O. Drawer 790
Chiefland, FL 32626
(904) 493-4400
L.M.White, Pres.

GEORGIA (54 plants)

MacDougal-Warren Inc.
3111 Port Cobb Dr.
P.O. Box 19695 St. N. Atlanta
Smyrna, GA 30080
(404) 351-4430
Emp. 180

IDAHO (6 plants)

Bannock Paving Co., Inc.
P.O. Box 4002, Batiste Rd.
Pocatello, ID 83201
(208) 232-5796
J.B. Parsen, Pres.
Emp. 100-199

Idaho Concrete Pipe Co., Inc.
222 Caldwell Blvd.
Box 87
Nampa, ID 83651
(208) 466-8971
W.L. Grigg, Cont.
Emp. 100-199

ILLINOIS (35 plants)

Lehn & Fink Products Group
316 N. Limit St.
Lincoln, IL 62656
(217) 735-1555
Emp. 2600

INDIANA (10 plants)

Indiana Asphalt Paving Co., Inc.
2810 Columbia Ave.
Indianapolis, IN 46205
(317) 924-4591
C.T. Brillhart, Pres.
Emp. 50-99

IOWA (25 plants)

P. & M Stone Co., Inc.
Humboldt, IA 50548
(515) 332-1256
Burl R. Place, Pres.
Emp. 50-100

Weaver Const. Co.
P.O. Box 817
Iowa Falls, IA 50126
(515) 859-3355
Merle R. Weaver, Pres.
Emp. 50-100

KANSAS (23 plants)

May-Ransom-Sheet Contractors, Inc.
I-70 & MacVicar Ave.
Box 237
Topeka, KS 66601
(913) 233-2357
John P. Ransom, Pres.

Mid Kansas Const. Co., Inc.
1245 S. Santa Fe
Box 11204
Wichita, KS 67202
(316) 264-2831
Larry Martin, Pres.

Ritchie Paving, Inc.
1400 Amidon
Box 4048
Wichita, KS 67204
(316) 838-930?
Tom Ritchie, Pres.

KENTUCKY (48 plants)

State Contracting & Stone Co., Inc.
Hartford, KY 42347
(502) 298-3221
Emp. 64
Charles Jarvis, Gen. Mgr.

State Contracting & Stone Co.
P.O. Box 347
Beaver Dam, KY 42320
(502) 294-7197
Emp. 102
Dean McClatchey, Mgr.

LOUISIANA (3 plants)MAINE (6 plants)

Ashland Oil Co.
 Warren Bros. Co.
 102 Bishop St.
 Portland, ME 04104
 (207) 774-6919
 Gilbert K. Crocker, Gen. Mgr.
 Emp. 100

MARYLAND (38 plants)

Arundel Asphalt Products, Inc.
 5800 Sheriff Rd.
 P.O. Box 33028
 District Heights, MD 20028
 (301) 420-7300
 Emp. 137
 Vaseleos Colevas, Pres.

Campbell, Harry T. Sons' Co.
 Church Lane
 Texas, MD 21030
 100 W. Pennsylvania Ave.
 Towson, MD 21204
 (301) 823-7000
 Emp. 371
 James Campbell, Gen. Plant Mgr.

Campbell, Harry T. Sons' Co.
 Pulaski Hwy
 White Marsh, MD 21126
 100 W. Pennsylvania Ave.
 Towson, MD 21204
 (301) 823-7000
 Emp. 200

Robert E. Lee, Jr., Plant Mgr.

Ratrie, Robbins & Schweizer Inc.
 Rte. 1 R 32
 Jessup, MD 20794
 2313 St. Paul St.
 Baltimore, MD 21218
 (301) 377-4199
 Emp. 198
 Harry Ratrie, Pres.

MASSACHUSETTS (21 plants)

Simeone Stone Corp.
 Green St. Asphalt Plant
 Tyanough Rd. Hyns.
 Wrentham, MA 02093
 (617) 775-1217
 S.B. Simeone, Pres.
 Emp. 5075

MICHIGAN (27 plants)

Bituminous Materials Co., Inc.
 416 S. Water
 P.O. Box 319
 Jackson, MI 49204
 (517) 784-2383
 M. Prothero, Chief Eng.
 Emp. 90

Washtenaw Asphalt Co.
 5800 Cherry Hill Road
 Ypsilanti, MI 48197
 (313) 483-4775
 Emp. 159

MINNESOTA (22 plants)

Arrowhead Blacktop Co.
 14th Ave. W. & Waterfront
 Duluth, MN 55802
 (218) 727-1561
 Marvin J. Gollinger, V. Pres.
 Emp. 100-249

MISSISSIPPI (25 plants)

Cook Const. Co., Inc.
 Greenway Dr. West
 P.O. Box 10846
 Jackson, MS 39209
 (601) 922-8270
 W.G. Cook Jr., Pres.
 Emp. 92

MISSISSIPPI (cont'd)

Gulf Paving Inc.
100 Motsie Rd.
Biloxi, MS 39532
(601) 374-1051
Joe Creel, Pres.
Emp. 115

Phillips Contracting Co., Inc.
Water Works Rd.
P.O. Box 2069
Columbus, MS 39701
(601) 328-6250
W.R. Phillips, Pres.
Emp. 132

Runyon Const. Co., Inc.
3312 Oak St.
Vicksburg, MS 39180
(601) unlisted
W.J. Runyon, Pres.
Emp. 237

Warren Brothers Co.
Div. Ashland-Warren Inc.
Lake Norris Rd.
P.O. Box 27
Columbus, MS 39701
(601) 328-6555
Bascom A. Atkins
Emp. 132

MISSOURI (25 plants)

Tamko Asphalt Prods., Inc.
601 N. High St.
Joplin, MO 64801
(417) 624-6644
J.P. Humphreys, Pres.
Emp. 200

MONTANA (2 plants)

Empire Sand & Gravel Co., Inc.
Box 1215
Billings, MT 59103
(406) 259-0551
George Reiter, Owner
Emp. 10-50

NEBRASKA (0 plants)NEVADA (0 plants)NEW HAMPSHIRE (4 plants)NEW JERSEY (6 plants)

Ferrante, Anthony & Sons, Inc.
Mine Brook Rd.
Rt. 202
Bernardsville, NJ 07924
(201) 766-4000
Mary Ferrante, Pres.
James A. Ferrante, Exec.V.Pres.
Emp. 200

Halcrest Co.
Mt. Hope Materials Corp.
625 Mt. Hope Rd.
Wharton, NJ 07885
(201) 361-0900
Richard M. Hale, Pres.
Robert M. Hagerman, Exec.V.Pres.
Emp. 230

Houdaille Const. Materials, Inc.
Sub of Houdaille Industries, Inc.
10 Park Place
P.O. Box 429
Morristown, NJ 07960
(201) 539-1000
V.G. Aubry, Jr., Pres.
R.E. Bitske, V.Pres.
Emp. 458

Limestone Products Corp.
Sub. of Penn. Virginia Corp.
122 Main St.
Newton, NJ 07860
(201) 383-2000
Milton Woolbenden, Jr. Pres.
Thomas K. Henritze, Exec.V.Pres.
Emp. 135

NEW JERSEY (cont'd)

Manzo Contracting Co., Inc.
Hwy 34
P.O. Box 268
Matawan, NJ 07747
(201) 566-4447
Michael Manzo, Pres.
Patrick Manzo, V.Pres.
Emp. 115

Williams Paving Co., Inc.
100 Katherine Street
Buffalo, NY 14210
(716) 854-8857
C.R. Pappas, V.Pres.
Emp. 150

NEW MEXICO (3 plants)

Navajo Refining Co.
P.O. Drawer 159
Artesia, NM 88210
(505) 746-9851
Jack Reid, Chief Exec.
Emp. 100-249

NEW YORK (40 plants)

Flintkote Co., The
Exec. Offices
400 Westchester Ave.
White Plains, NY 10603
(914) 761-7400
James Moran, Pres.
Emp. 11,000

Mac Asphalt Contracting Co.
33-15 College Point Blvd.
Flushing, NY 11354
(212) 539-7000
William Gull, Pres.
Emp. 189

Rason Asphalt Inc.
Columbia Street, Port Jefferson
State, NY 11776
(516) 473-5000
M. Hendackson, Pres.
Emp. 134

NORTH CAROLINA (32 plants)

Ashland Oil Co., Inc.
Warren Brothers Co.
P.O. Box 6085
Asheville, NC 28806
(704) 254-0752

Barnhill Contracting Co.
Cumberland Paving Co.
P.O. Box 5376
Fayetteville, NC 28303
(919) 488-1319

Crowell Constructors, Inc.
1100 Robeson St.
Fayetteville, NC 28305
(919) 485-2135

Muirhead, Wm Construction Co., Inc.
P.O. Box 2012
Durham, NC 27702
(919) 602-9215

Reynolds, LA Co.
1025 W. First St.
Winston Salem, NC 27101
(919) 722-7152

NORTH DAKOTA (5 plants)

Bradshaw Gravel
Arvilla, ND 58214
(701) 594-5651
James Bradshaw, Owner,
Emp. 25-50

OHIO (76 plants)

Armrel Byrnes Co.
11399 Groons Rd.
Cincinnati, OH 45202
(513) 984-2400
M.E. Baughman, Pres.
Emp. 180

Blazer Materials Corp.
2475 Sugar Grove Rd
P.O. Box 128
Lancaster, OH 43130
(614) 653-8566
J.J. Blazer, Pres.
Emp. 150

City Asphalt & Paving Co., Inc.
1211 Gibson St.
Youngstown, OH 44501
(216) 744-3181
Henry Garlick, Pres.
Emp 125

General Portland, Inc.
Box 109
Paulding, OH 45879
(419) 399-4861
J.B. Lendrum, Ch.Exec.Off.
Emp. 165

Ohio Road Paving Co.
8 E. Long St. Suite 400
Columbus, OH 43216
(614) 224-8111
J.R. Hoffman, Pres.
Emp. 200

OKLAHOMA (23 plants)

Evans and Associates Const. Co., Inc.
3320 N. 14th St.
Ponca City, OK 74601
(405) 765-6656
Doyle Keiro
Emp. 160

Empire Const., Inc.
129 East Ave. & Pine
P.O. Box 2395
Tulsa, OK 74101
(918) 437-2055
T.C.Layman, Pres.
Emp. 160

OREGON (42 plants)

Chevron Asphalt Company
5501 New Front Ave.
Portland, OR 97210
(503) 221-7800
J.P. McQueen, Supt.
Emp. 65

Western Pacific
Const. Materials
Foot of N. Portsmouth
Portland, OR 97203
(503) 285-9111
Arthur A. Riedel, Pres.
Emp. 300

PENNSYLVANIA (47 plants)

Highway Materials Inc.
Morehall Rd.
Malvern, PA 19355
(215) 644-7480
F. Vanderbergh, Pres.
Emp. 100

Interstate Amiesite Corp.
Rte. 202
Concordville, PA 19331
(215) 459-3136
William W. Gibb, Pres.
Emp. 700

RHODE ISLAND (4 plants)

Cardi Corp.
400 Lincoln Ave.
Warwick, RI 02888
(410) 739-8300
Antonia Cardi, Pres.
Emp. 249

SOUTH CAROLINA (16 plants)

Sloan Const. Co., Inc.
1600 W. Washington St.
P.O. Box 7008
Greenville, SC 29602
(803) 271-9090
E.D. Sloan, Jr., Pres.
Emp. 300

SOUTH DAKOTA (2 plants)TENNESSEE (24 plants)

Harrison Inc.
226 Gill St.
P.O. Box 386
Alcoa, TN 37701
(615) 983-3100
Carl Davis, Pres.
Emp. 230

Road Builders Inc of Tennessee
301 Plus Park Blvd.
Nashville, TN 37217
(615) 244-9750
Hugh F. Hamil, Chief Exec.
Emp. 209

Vulcan Materials Co.
Shallowford Rd.
Chattanooga, TN 37421
(615) 892-4545
Leon Simpson, Mgr.

TEXAS (58 plants)

Bandas Industries, Inc.
IH 35
Box 3595
Temple, TX 76501
(817) 773-1535
Fred Bandas, Pres.

Barrett Industries
6989 Evans Rd. (Rt. 3)
Box 211-BI
San Antonio, TX 78218
(512) 651-6550
Harold F. McDonald, Pres.

Capitol Aggregates, Inc.
Austin Div.
Bolm Rd.
Box 6230
Austin, TX 78702
(512) 385-3214
Charles Perry, Mgr.

El Paso Sand Products, Inc.
1045 Humble Pl.
Box 9008
El Paso, TX 79982
(915) 565-4681
Victor C. Moore, Gen. Mgr.

Gulf States Asphalt Co., Inc.
300 Christy Pl.
Box 508
South Houston, TX 77587
(713) 941-4410
J.V. Srader, Plant Mgr.

McDonough Bros., Inc.
IH ION (Rt. 2)
Box 222
San Antonio, TX 78229
(512) 696-8500
J.P. McDonough, Pres.

Parker Bros. & Co., Inc.
5303 Navigation Blvd.
Box 107
Houston, TX 77001
(713) 926-4461
William R. Parker, Pres.

TEXAS(cont'd)

Servtex Materials Co.
 FM 2252
 Box 729
 New Brunfels, TX 78130
 (512) 625-3457
 M.S. Stude, Pres.

S.R.O. Asphalt, Inc.
 1008 Harrison
 Box 847
 Arlington, TX 76011
 (817) 261-2991
 W.G. Turner, Exec.V.Pres.

Texas Bitulithic Co.
 2121 Irving Blvd.
 Box 10365
 Dallas, TX 75207
 (214) 741-3531
 R.L.Turner, Dist. Pres.

Texas Bitulithic Co.
 N.W. 5th St.
 Box 1807
 Fort Worth, TX 76101
 (817) 336-0521
 C.E. Reynolds, Mgr.

Vowell Const. Co.
 1 McKelligan Canyon Rd.
 El Paso, TX 79943
 (915) 532-5622
 George W. Brown, Pres.

Vulcan Materials Co.
 Southeast Div.
 Huebner Rd.
 Box 13010
 San Antonio, TX 78213
 (512) 492-1081
 M.D. Riff, Gen. Mgr.

UTAH (7 plants)

Monroe Inc., Sand & Gravel Div.
 1730 Beck St.
 Salt Lake City, UT 84102
 (801) 359-3703
 Emp. 200-299

VERMONT (1 plant)VIRGINIA (6 plants)

Adams Const. Co.
 2725 Roanoke Ave., S.W.
 Roanoke, VA 24015
 (703) 345-0404
 W.B. Adams, Mgr.
 Emp. 400

M.A. Layman & Sons, Inc.
 P.O. Box 348
 Country Club Rd.
 Harrisonburg, VA 22801
 (703) 434-3878
 M.A. Layman, Pres.
 Emp. 20

WASHINGTON (4 plants)

Lakeside Industries
 13620 Sunset Hwy
 P.O. Box 1379
 Bellevue, WA 98009
 (206) 641-4600
 Rhoady Lee, Jr., Pres.
 Emp. 250

WEST VIRGINIA (2 plants)WISCONSIN (7 plants)

Consolidated Paving Co., Inc.
 2318 Atwood Ave.
 Madison, WI 53704
 (608) 244-0269
 Michael Bentz, Chief Eng.

WYOMING (2 plants)

1.32

SIC 3271

CONCRETE BLOCK
AND BRICK

1.321 KEY STATISTICS FOR SIC 3271

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
a) Autoclaving	360°F	1
b) Low Pressure Curing	165°F	1

Current Sources of Heat

Steam	210°F - 350°F	2
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Total Energy Consumption

13.65 trillion BTU/year	3
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Total no. of plants in U.S. 1811	4
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References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.322 Plant Directory For SIC 3271

ALABAMA (35 plants)

Smith-Kelly Supply Co. Inc.
Div of Memphis, TN
450 S. Royal St.
P.O. Box 1227
Mobile, AL 36601
(205) 433-2521
T.B. Martenstein, Pres.
Emp. 151-200

E.Z. Concrete Products, Inc.
P.O. Box 1849
Buelton, CA 93427
(805) 688-3255
Andrew T. Petersen, Pres.
Emp. 68

General Concrete Products
15025 Oxnard St.
Van Nuys, CA 91411
(213) 781-1350
C.B. Lebel, Plant Supt.
Emp. 80

ARIZONA (19 plants)

Superlite Builders Supply, Inc.
4150 W. Turney
Phoenix, AZ 85019
(602) 931-9351, 263-7633
*D. Reiner
Emp. 271

Higgins Brick Co.
P.O. Box 7000-167
Redondo Beach, CA 90277
(213) 772-2813
Walter Higgins, Jr., Pres.
Emp. 75

Union Rock & Materials Corp.
2800 S. Central Ave.
Phoenix, AZ 85066
(602) 276-4211
Ronald D. Keefer, Pres.
Emp. 405

Monier Co.
P.O. Box 5567
Orange, CA 92666
(714) 538-8822
J. Bicknell Lockhard, Jr., Pres.
Emp. 300

ARKANSAS (21 plants)

Arkholia Sand & Gravel Co.
Ward Garrison Bldg.
P.O. Box 1627
Fort Smith, AR 72901
(501) 785-4271
Bill Townsend, Prod.V.Pres.
Emp. 100-200

Orco Block Co.
8042 Katella Ave.
P.O. Box E
Stanton, CA 90680
(714) 527-2239
Peter G. Muth, Pres.
Emp. 80

COLORADO (15 plants)CALIFORNIA (31 plants)

Angelus Block Co., Inc.
11374 Tuxford St.
Sun Valley, CA 91352
(213) 875-1580
Mario Antonini, Pres.
Emp. 100

Cowan Concrete Products, Inc.
625 3rd St.
Greeley, CO 80631
(303) 352-6574
T.J. Cowan, Pres.
Emp. 100-250

COLORADO (cont'd)

Denver Brick & Pipe Co.
4501 Fox St.
Denver, CO 80216
(303) 433-8221
W.G. Temple, Pres.
Emp. 250-500

Meekins Inc.
3500 Pembroke Road
West Florida
Hollywood, FL 33021
(305) 983-5100
Thomas N. Kerns, Pres.
Emp. 225

CONNECTICUT (18 plants)

Oolite Industries, Inc.
18851 N.E. 29th Ave.
Miami, FL
Mail: P.O. Box 877
Ojus, FL 33163
(305) 931-6510
Kenneth G. Brandt, Pres.
Emp. 140

DELAWARE (5 plants)

Continental Block Co.
1510 DuPont Hwy
Box 686
New Castle, DE 19720
(302) 654-6909
Vito A. Matassino, Mgr.
Emp. 25

Wyoming Block Co.
Box 206
Wyoming, DE 19934
(302) 697-3285
F.A. DiMondi, Pres.
Emp. 150

GEORGIA (57 plants)

Bickerstaff Clay Products Co., Inc.
P.O. Box 1178
Columbus, GA 31902
(404) 327-3226
Emp. 571

IDAHO (7 plants)

Amcor, Inc.
Box 1141
South Yellowstone
Idaho Falls, ID 83401
(208) 522-6150
Robert H. Paul, Gen. Mgr.
Emp. 50-99

FLORIDA (173 plants)

Mack Industries Div
Hollywood Land Co., Inc.
3350 N. 28th Terrace
P.O. Box 260
Hollywood, FL 33020
(305) 922-6771
David Coay, Div. Pres.
Emp. 230

ILLINOIS (81 plants)

Allied Stone Co.
East Vanderuff's Island
Milan, IL 61264
(309) 787-3141
James O. Ellis, Pres.
Emp. 30

ILLINOIS (cont'd)

American Wilbert Vault Corp.
1015 Troost Ave.
Forest Park, IL 60130
(312) 366-3210
Gregory C. Reichle, Pres.
Emp. 110

Chicago Pre-Cast Products
29 W. 701 N. Aurora Rd.
Naperville, IL 60540
(312) 355-2700
P.R. Standalls, Oper's. Mgr.
Emp. 75

Johns-Manville Corp.
Greenwood Ave.
Waukegan, IL 60085
(312) 623-2900
E.A. Paddock, Mgr. Bldg. Sys. Div.
Emp. 1170

Labarge, Inc.
702 N. Edwin St.
Champaign, IL 61820
(217) 352-4181
James Mills, V.Pres.
Emp. 60

INDIANA (142 plants)

Calamut Flexicore Corp.
24 Marble St.
Hammond, IN 46320
(219) 932-3340
Carl Carlson, Pres.
Emp. 50-99

Federal Cement Prods., Inc.
24 Marble St.
Hammond, IN 46320
(219) 932-3340
Russell Harrison, Gen. Mgr.
Emp. 100-249

Jefferson Corp.
1 Virginia Ave.
Indianapolis, IN 46204
(317) 634-2717
David Grebe, CEO
Emp. 250-499

Masolite Concrete Prods., Inc.
2200 LaFontain St.
P.O. Box 1708
Fort Wayne, IN 46801
(219) 432-3568
Ralph Walb, Pres.
Emp. 50-99

IOWA (30 plants)

Iowa Illinois Concrete Products
42nd & State St.
P.O. Box 1171
Bettendorf, IA 52722
(319) 355-1871
John Guild, Pres.
Emp. 20-50

Lake View Concrete Products Co.
218 Lake
P.O. Box 308
Lake View, IA 51450
(712) 664-2822
H.L. Wetzstein, Pres.
Emp. 20-50

KANSAS (14 plants)KENTUCKY (45 plants)

Ready Mix Concrete Co.
Salinda Ave.
Louisville, KY 40213
(502) 458-5336
Samuel R. Rechter, Pres.
Emp. 55

KENTUCKY (cont'd)

Standard Tobacco Co.
Tobacco Square
Maysville, KY 41256
(606) 564-5678
Emp. 85
James M. Finch, Pres.

LOUISIANA (12 plants)MAINE (51 plants)

Mecaus Industries
R Thompsons Point
Portland, ME 04102
(207) 775-2351
E.M. Anderson, Pres.
Emp. 140

MARYLAND (30 plants)

Cumberland Cement & Supply Co., The
Rear 419 N. Centre St.
P.O. Box 1625
Cumberland, MD 21502
(301) 724-2000
G.K. Steiner, Pres.
Emp. 80

Maier, Ernest, Inc.
4700 Annapolis Rd.
Bladensburg, MD 20710
(301) 927-8300
Fred W. Maier, Pres. & Plant Mgr.
Emp. 56

MASSACHUSETTS (39 plants)

Camoose, Henry & Son
13 Southwest Cutoff
Worcester, MA 01604
(617) 755-6193
Henry J. Camoose, Pres.
Emp. 102

MICHIGAN (95 plants)

Price Bros. Co.
Flexicore Div.
12651 Newburg Rd.
Livonia, MI 48151
(313) 464-1100
Gayle B. Price, Jr., Pres.
Emp. 77

MINNESOTA (66 plants)

Model Stone Co & Model
Ready Mix Co.
400 W. 61st St.
Minneapolis, MN 55419
(612) 861-6041
O.G. Reiersen, Pres.
Emp. 100-249

Rochester Silo, Inc.
North Hwy 63
Rochester, MN 55901
(507) 288-8211
Gerald Price, Pres.
Emp. 100-249

MISSISSIPPI (16 plants)

Jackson Ready Mix Concrete
West Woodrow Wilson
P.O. Drawer 1292
Jackson, MS 39205
(601) 354-3801
M.T. Reed, Chairman
Emp. 200

MISSOURI (51 plants)

Marquette Cement Mfg. Co.
P.O. Box 520
Cape Girardeau, MO 63701
(314) 335-5591
J.F. Gambill, Plant Mgr.
Emp. 122

MONTANA (0 plants)NEBRASKA (20 plants)

Paulsen Building & Supply, Inc.
 P.O. Box 25
 Cozad, NE 69130
 (308) 784-3333
 Ivan Paulsen, Pres.
 Emp. 200-499

NEVADA (4 plants)NEW HAMPSHIRE (4 plants)NEW JERSEY (52 plants)

Best Block Co., Inc.
 Rte 2
 P.O. Box 102
 Edison, NJ 08817
 (201) 549-1234
 Thomas Swales, Pres.
 J. Bernat, Jr., V.Pres.
 Emp. 125

Formigli Corp.
 P.O. Box F
 Berlin, NJ 08009
 (609) 767-1111
 Paul W. Gleason, Ch/Board
 Robert J. Stoelker, Pres.
 Emp. 200

NEW MEXICO (9 plants)

Crego Block Co.
 6026 Second NW
 Box 6025
 Albuquerque, NM 87197
 (505) 345-4451
 C. Harrison, Gen. Mgr. & V.Pres.
 Emp. 50-99

NEW YORK (57 plants)

Anchor Concrete Products, Inc.
 Foot of Wabash St.
 Box 869
 Chataugua, NY 14225
 (716) 892-3152
 Elmer Reinhold, Pres.
 Emp. 100

United States Gypsum Co.
 Main St.
 Stony Point, NY 10980
 (914) 786-2712
 M.D. Louee, Prod. Mgr.
 Emp. 200

NORTH CAROLINA (42 plants)

Pine Hall Brick & Pipe Co.
 P.O. Box 11044
 Winston Salem, NC 27106
 (919) 724-7455

Solite Corp.
 Carolina Solite Corp
 P.O. Box 987
 Albemarle, NC 27001
 (704) 474-3717

NORTH DAKOTA (12 plants)

No. Dakota Concrete Products Co.
 601 Bismarck Ave.
 Bismarck, ND 58501
 (701) 223-7178
 James E. Haines, Mgr.
 Emp. 51-100

OHIO (77 plants)

Belot Concrete Block, Inc.
 Corner 3rd & Walden Sts
 Rt 7
 Tiltonsville, OH 43963
 (614) 633-5971
 Joseph R. Belot, Jr., Pres.
 Emp. 100

OHIO (cont'd)

Marietta Concrete Co.
Oak Grove
P.O. Box 609
Marietta, OH 45750
(614) 373-3211
Wm. M. Joyce, Pres.
Emp. 132

OKLAHOMA (21 plants)

Harter Concrete Products, Inc.
1628 W. Main St.
Oklahoma City, OK 73106
(405) 236-0491
David Harter, Pres.
Emp. 210

OREGON (18 plants)PENNSYLVANIA (197 plants)

Chester Materials, Inc.
Front & Franklin St.
Box E
Chester, PA 19016
(215) 874-6386
Charles A. Potricco, Jr., Pres.
Emp. 40

Davison Sand and Gravel Co.
3rd Ave and 4th St.
New Kensington, PA 15068
(412) 362-4000
Floyd Ganassi, Pres.
Emp. 35

Eastern Prestressed Concrete Corp.
Box 308
Hatfield, PA 19440
(215) 822-3341
Walter N. Norley, Pres.
Emp. 83

RHODE ISLAND (5 plants)SOUTH CAROLINA (28 plants)

Metromont Materials Corp.
Hwy I-85
P.O. Box 1292
Spartanburg, SC 29304
(803) 585-4241
Richard H. Pennell, Pres.
Emp. 362

SOUTH DAKOTA (7 plants)

Gage Brothers Concrete Prod., Inc.
4301 West 12th St.
Box 1526
Sioux Falls, SD 57101
(605) 336-1180

TENNESSEE (45 plants)

Bush, W.G. and Co., Inc.
1136 2nd Ave North
Nashville, TN 37208
(615) 256-4101
James A. Skinner, Jr. Pres.
Emp. 259

General Shale Products Corp.
3209 N. Roan
Johnson City, TN 37601
(615) 928-6471
G.C. Sells, Pres.
Emp. 179

General Shale Products Corp.
Hill St.
P.O. Box 448
Kingsport, TN 38662
(615) 245-4169
George Sells, Pres.
Emp. 215

TENNESSEE (cont'd)

Herbert Materials
1136 Second Ave N.
Nashville, TN 37208
(615) 256-4101
Jasper A. Skinner, Jr.
Emp. 385

TEXAS (67 plants)

Barrett Industries
6989 Evans Rd.
Rt. 3
Box 211-BI
San Antonio, TX 78218
(512) 651-6550
*Chris Waples

Featherlite Corp.
525 Avenue of the Americas
Box 9977
El Paso, TX 79990
(915) 859-9171
W.H. Marslender, V.Pres.

UTAH (8 plants)

Amcort Inc.
333 South Redwood Rd.
North Salt Lake City, UT 84054
(801) 532-1111
Emp. 100-199

Buehner Block Company, Inc.
2800 South West Temple St.
Salt Lake City, UT 84115
(801) 467-5456
Emp. 50-99

VERMONT (3 plants)VIRGINIA (18 plants)

Petersburg Concrete Pipe Prods., Co.
P.O. Box 865
Petersburg, VA 23803
(804) 733-7831
S.R. Nauas, Pres.
Emp. 69

Valley Concrete Products Corp.
U.S. 11 S
P.O. Box 432
Harrisonburg, VA 22801
(703) unlisted
O Pence, V.Pres. & Mgr.
Emp. 40

WASHINGTON (16 plants)

Builder's Concrete Inc.
Box 8
Bellingham, WA 98225
(206) 676-2800
Peter A. Gaasland, Pres.
Emp. 120

V.M.C. Corporation
13929 NE 190th
Woodinville, WA 98072
(206) 485-7551
F.A. Donner, Pres.
Emp. 200

Yakima Cement Prod. Co.
1202 S. First St.
Yakima, WA 98901
(509) 453-3135
Hans Skov, Pres.

WEST VIRGINIA (4 plants)

Peerless Block Co.
P.O. Box 71
St. Albans, WV 25177
(304) 727-4301
Everett A. Doty, Pres.
Emp. 55

WISCONSIN (35 plants)

Bend Industries, Inc.
2929 Paradise Dr.
West Bend, WI 53095
(414) 334-5557
Delbert G. Schmidt, Oper. Mgr.
Emp. 175

Fehr Concrete Products Inc.
1111 Menomonie St.
Eau Claire, WI 54701
(715) 834-7701
Donald R. Bensen, Pres.
Emp. 85

WYOMING (9 plants)

1.33

SIC 3324 and 3325

STEEL INVESTMENT FOUNDRIES

STEEL FOUNDRIES, NEC

1.331 KEY STATISTICS FOR SIC 3324 & SIC 3325

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
a) Pickling	100°F - 212°F	1
b) Cleaning	180°F - 200°F	1
c) Mold & Core Preparation	300°F - 475°F	1

Current Heat Source(s)

Pickling Steam	150°F - 220°F	2
Cleaning Steam	180°F - 200°F	2

Total Energy Consumption

36.86 trillion BTU/year 3

Total no. of Plants in U.S. 1054 4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.332 Plant Directory for SIC 3324 and SIC 3325 Firms

ALABAMA (39 plants)

Abex Corp.
 Railroad Products Div
 14th St. 8 Woodbine Ave.
 P.O. Box A
 Calera, AL 35040
 (205) 668-0881
 L. Belluchie, Works Mgr.
 Emp. 451-550

Fmc Corp.
 Steel Prod Div.
 2101 W. 10th St.
 P.O. Box 1030
 Anniston, AL 36201
 (205) 237-2841
 J.P. Lewis, Div. Mgr.
 Emp. 551-650

ARIZONA (3 plants)

Capitol Casting Div.
 P.O. Box 750
 Phoenix, AZ 85001
 (602) 839-3000
 Glenn G. Tenney, V.Pres. & Gen. Mgr.
 Emp. 525

ARKANSAS (11 plants)

Nibco of Blytheville
 P.O. Box 1469
 Blytheville, AR 72315
 (501) 763-7044
 Thomas M. Smith, Plant Mgr.
 Emp. 300-500

North American Foundry Co., Inc.
 4721 Zero St.
 Fort Smith, AR 72901
 (501) 646-1686
 John W. Pidion, Plant Mgr.
 Emp. 200-300

CALIFORNIA (10 plants)

Hitchiner Mfg. Co., Inc.
 12148 Downey Ave.
 Downey, CA 90242
 (213) 923-0318
 R.J. DeCloux, V.Pres. Oper.
 Emp. 1000

COLORADO (4 plants)

Card Corp.
 2501 W. 16th Ave.
 Denver, CO 80204
 (303) 534-6351
 R.G. Weaver, V.Pres.
 R.S. Button, V.Pres.
 Emp. 100-250

CONNECTICUT (7 plants)DELAWARE (2 plants)

Abex Corp., AMSCO Div.
 7th and Larkin Sts.
 New Castle, DE 19720
 (302) 328-7513
 C.M. Ivery, Plant Mgr.
 Emp. 300

Deemer Steel Casting Co.
 9th and Washington St.
 New Castle, DE 19720
 (302) 328-7591
 E.G. Moody
 Emp. 150

FLORIDA (12 plants)

Florida Machine & Foundry Co.
1375 W. Church Street
Jacksonville, FL 32203
(904) 354-8361
Thomas Madison, Pres.
Emp. 394

Gulf Machinery Co.
3149 State Rd. 590
Mail to: P.O. Box 4987
Clearwater, FL 33518
(813) 726-1127
Charles Walker, Pres.
Emp. 142

Maddox Foundry & Machine Works, Inc.
Archer, FL 32618
(904) 495-2121
Charles Archer, Pres.
Emp. 103

United States Foundry & Mfg. Corp.
8351 NW 92rd St.
Miami, FL 33166
(305) 885-0301
Alex De Bogory, Jr, Pres.
Emp. 100

Ductile Iron Co. of America
P.O. Box 2005
Coral Gables, GA 31402
(912) 234-4423
Neil Mingledorff, Pres.
Emp. 250

GIW Industries, Inc.
Wrightsboro Rd.
P.O. Box 626
Grovetown, GA 30813
(404) 863-1011
Thomas Hagler, Jr., Pres.
Emp. 303

Goldens' Foundry and Machine Co.
600 12th St.
P.O. Box 96
Columbus, GA 31902
(404) 323-0471
J.T. Boyd, Pres. & Gen. Mgr.
Emp. 405

ITT Grinnell
P.O. Box 427
Statesboro, GA 30458
(912) 587-2212
T.W. Cook, Gen. Mgr.
Emp. 295

GEORGIA (28 plants)

Columbus Foundries Inc.
1600 N'side Industrial Blvd.
P.O. Box 4201
Columbus, GA 31904
(404) 323-5221
George Mathews, Jr., Pres.
Emp. 397

Westpoint Foundry and Machine Co.
P.O. Box 151
West Point, GA 31833
(404) 643-2127
G.L. Ball, V.Pres.
Emp. 282

IDAHO (0 plants)ILLINOIS (9 plants)

John Deere Foundry
East Moline, IL 61244
(309) 752-8000
Robert M. Chaney, Gen. Mgr.
Emp. 1100

Midland Ross Corp.
1400 S. Laramie Ave.
Chicago, IL 60650
(312) 863-4800
E.E. McGranahan, V.P. Plt Oper.
Emp. 560

Moline Corp.
West End of Dean St.
Box 529
St. Charles, IL 60174
(312) 584-4600
Dort Fauntleroy, Pres.
Emp. 500

Wagner Castings Co.
1275 S. Sangamon St.
Decatur, IL 62525
(217) 428-7791
John A. Wagner, Jr., Pres.
Emp. 1200

INDIANA (4 plants)

American Steel Foundries
3761 Canal St.
East Chicago, IN 46312
(219) 397-0246
R.L. Jones, Works Mgr.
Emp. 500-999

Blaw Knox Co.
4400 Railroad Ave.
P.O. Box 299
East Chicago, IN 46312
(219) 392-9200
Edward Crowley, Gen. Mgr.
Emp. 1000-2499

Harrison Steel Castings
900 Mound St.
P.O. Box 60
Attica, IN 47918
(317) 762-2481
Kenneth Stud, Pres.
Emp. 1000-2499

IOWA (27 plants)

Clinton Engines Corp.
Clark & Maple Sts.
Maquoketa, IA 52060
(319) 652-2411
Martin Hoffinger, Chairman
Emp. 251-500

IOWA (cont'd)

Clow Corp., Eddy
Iowa Div.
S. 2nd & 8th Ave. E.
Oskaloosa, IA 52577
(515) 673-8611
D.J. Leemon, V. Pres. & Gen. Mgr.

Crane Co.
1000 N. 12th Ave.
Washington, IA 52353
(319) 653-5401
Keith Shaffer, Gen. Mgr.
Emp. 251-500

Dexter Co., The
501 N. 8th St.
Fairfield, IA 52556
(515) 472-5131
H.C. Munn, Pres.
Emp. 251-500

Eagle Iron Works
129 Holcomb
Mail to:
P.O. Box 934
Des Moines, IA 50304
(515) 243-1123
Andrew Krantz, Pres.
Emp. 251-500

Iowa Steel & Iron Works, Inc.
400 12th Ave. S.E.
Cedar Rapids, IA 52401
(319) 365-4611
Joseph Loufek, Pres.
Emp. 251-500

Iowa Malleable Iron Co.
9th & Kirkwood Ave.
Fairfield, IA 52556
(515) 472-3116
T.A. Loudon, Pres.
Emp. 101-250

Viking Pump Div.
Houdaille Ind., Inc.
406 State St.
Cedar Falls, IA 50613
(319) 266-2741
Frank Standish, Pres.
Emp. 501-1000

KANSAS (25 plants)

McNally Pittsburg Mfg. Corp.
Drawer D
Pittsburg, KS 66762
(316) 231-3000
W.J. Brambaugh, V. Pres. & Gen. Mgr.
Emp. 500-1000

Rockwell International
Box 188
Atchison, KS 66002
(913) 367-2121
Richard J. Bruggan, Gen. Mgr.
Emp. 500-1000

KENTUCKY (6 plants)

Eaton Corp.
P.O. Box 220
Cythiana, KY 41031
(606) 234-1704
John Cottrill, Plant Mgr.
Emp. 210

LOUISIANA 3 plants)

Dibert, Bancroft & Ross Co., Ltd.
P.O. Box 836
Amite, LA 70422
(504) 748-7141
Emp. 300

Hica Corp.
P.O. Box 6065
Shreveport, LA 71106
(318) 869-1601
Emp. 220

Mid-Continent Steel Casting Div.
P.O. Drawer 6611
Shreveport, LA 71106
(318) 869-1601
Emp. 1098

MAINE (3 plants)MARYLAND (5 plants)

Flynn & Emrich Co.
3001 Grantley Ave.
Baltimore, MD 21215
(301) 664-0500
Douglas Walker, V.Pres. Mfg.
Emp. 380

Frederick Iron & Steel Inc.
East & E. 7th Sts.
P.O. Box 111
Frederick, MD 21701
(301) 663-5111
H.R. Burgess, Exec. V.Pres. & Gen. Mgr.
Emp. 165

MASSACHUSETTS (4 plants)

Cook-Horton Div.
262 Broad St.
N. Attleboro, MA 02760
(617) 695-9395
John W. Conley, Pres.
Emp. 125

MICHIGAN (116 plants)

Albion Div.
601 N. Albion
Albion, MI 49224
(517) 629-2141
K. Hoag, Chief Eng.
Emp. 1315

Cast Metal Industries
19400 W. 8 Mile Rd.
Southfield, MI 48075
(313) 356-8030
R. Jones, Gen. Mgr.
Emp. 600

Central Foundry Div.
General Motors Corp.
Saginaw Malleable Iron Plant
77 W. Center
P.O. Box 1629
Saginaw, MI 48605
(517) 776-5000
Thomas R. Wiltse, Gen. Mgr.
Emp. 3500

Chevrolet Saginaw Foundries
1805 Veterans Memorial Hwy
Saginaw, MI 48605
(517) 776-5000
Emp. 6900

Chrysler-Huber Ave. Foundry
6425 Huber Ave.
Detroit, MI 2481
(313) 921-8240
Emp. 2764

CWC Castings Div.
Textron, Inc.
Henry St.
Muskegon, MI 49441
(616) 733-1331
H.A. Matrone, Div. Eng.
Emp. 2500

Eaton Corp. General Prod. Div.
700 E. Huron Ave.
Vassar, MI 48768
(517) 823-8411
T.A. Des Jardins, Chief Eng.
Emp. 838

MICHIGAN (cont'd)

Ford Motor Co.
Steel Div.
3001 Miller Rd.
Dearborn, MI 48121
(313) 322-3000
R.E. Karp, Gen. Mgr.
Emp. 4734

Ford Motor Co., Casting Div.
22000 Gibraltar
P.O. Box 367
Flat Rock, MI 48134
(313) 782-4481

Midwest Foundry Co.
77 Hooker St.
Coldwater, MI 49036
(517) 278-2331
John Knight, Chief Eng.
Emp. 420

National Motor Castings Operations
S. Indiana Ave.
South Haven, MI 49090
(616) 637-1184
Dave Jensen, Plant Eng.
Emp. 317

Sparla Foundry Div.
252 E. Gardner St.
Sparta, MI 49345
(616) 887-8231
Maurice R. Ribble, Chief Eng.
Emp. 461

MINNESOTA (30 plants)

Badger Foundry Company
1058 E. Mark St.
Winona, MN 55987
(507) 452-5760
Angus Callender, Pres.
Emp. 100-249

Dezurik
A unit of General Signal
Sartell, MN 56377
(612) 251-0221
Al Kramers, Pres.
Emp. 500-749

Dotson Company, Inc., The
126 W. Rock St.
Mankato, MN 56001
(507) 345-5018
G.A. Dotson, Gen. Mgr.
Emp. 100-249

Gould Inc.
Foundry Products Div.
8th & Doughty St.
Lake City, MN 55041
(612) 345-4541
W. J. Orth, Jr., Plant Mgr.
Emp. 250-499

Machine Products Inc.
6600 S. County Rd. 18
Eden Prairie, MN 55343
(612) 941-2822
N.R. Erickson, Pres.
Emp. 250-499

Northern Malleable Iron Co.
867 Forest St.
St. Paul, MN 55106
(612) 776-2772
Donald Fulton, Pres.
Emp. 100-249

Prospect Foundry, Inc.
1225 Winter St., N.E.
Minneapolis, MN 55413
(612) 331-9282
Jerome Zungquist, Pres.
Emp. 100-249

Queen Products
Div. of King Seeley Thermos Co.
505 Front St.
Albert Lea, MN 56007
(507) 373-3961
H.L. Berghoff, Pres.
Emp. 500-749

MISSISSIPPI (8 plants)

Continental Foundry & Machine Works
10060 Lamar Ave.
Olive Branch, MS 38654
(601) 895-5551
Conrad Kreunan, Owner
Emp. 120

MISSISSIPPI (cont'd)

Wilton Corp., Casting Div.
 Pontotoc Industrial Park
 Box 545
 Pontotoc, MS 38863
 (601) 489-6100
 Alex Vogl, Pres.
 Emp. 110

MISSOURI (55 plants)

American Steel Foundries
 1700 Walnut St.
 Granite City II
 St. Louis, MO 62040
 (618) 452-2111
 W.D. Donovan, Mgr.
 Emp. 1600

Scullin Steel Co.
 6700 Manchester Ave.
 St. Louis, MO 63139
 (314) 645-0400
 Emp. 795

MONTANA (1 plant)NEBRASKA (5 plants)

Paxton - Mitchell Company
 2614 Martha St.
 Omaha, NE 68105
 (402) 345-6767
 Robert King, Pres.
 Emp. 100-199

NEVADA (0 plants)NEW HAMPSHIRE (4 plants)

Hitchener Mfg. Co., Inc.
 P.O. Box 232
 Milford, NH 03055
 (603) 673-1100
 Nelson J. McDermott, Jr., Pres.
 Emp. 500

Pine Tree Castings Corp.
 Guild Road
 Newport, NH 03773
 (603) 863-2000
 William B. Ruger, Pres.
 Emp. 200

NEW JERSEY (27 plants)

Abex Corp.
 Engineered Prod. Div.
 Ramapo Valley Rd.
 Mahwah, NJ 07430
 (201) 529-3450
 Philip H. Clapp, Jr., Pres.
 H.C. Platt, Exec.V.Pres.
 Emp. 352

American Abrasive Metals Co.
 460 Colt St.
 Irvington, NJ 07111
 (201) 373-7060
 G.L. Boveroux, Ch/Board
 A.B. Sayre, Pres.
 Emp. 104

Atlantic States Cast Iron Pipe Co.
 183 Sitgreaves St.
 Phillipsburg, NJ 08865
 (201) 454-1161
 J.R. McWane, Ch/Board
 W.L. Turner, Pres.
 Emp. 235

NEW JERSEY (cont'd)

Campbell Foundry Co.
800 Bergen St.
Harrison, NJ 07029
(201) 483-5480
John Campbell, Pres.
J. Robert Campbell, V.Pres.
Emp. 180

Elizabeth Iron Works
Green Lane
P.O. Box 360
Union, NJ 07083
(201) 354-2000
H. Diamond, Pres.
I. Diamond, Sec.
Emp. 300

Enderlein, H.G.Co., Inc.
Central Ave.
Grenloch, NJ 08032
(609) 227-0156
Emp. 130

Griffin Pipe Products Co.
1100 West Front St.
Florence, NJ 08518
(609) 499-1400
J.R. Backet, Ch/Board
T.D. Bixby, Pres.
Emp. 415

NEW MEXICO (1 plant)NEW YORK (58 plants)

Acme Steel & Malleable Iron Works
Div of Buffalo Brake Beam Co.
33 Chandler St.
Buffalo, NY 14207
(716) 876-0123
W.S. Crone, Pres.
Emp. 150

Adirondack Steel Casting Co., Inc.
P.O. Box 131
Shaker Rd.
Watervliet, NY 12189
(518) 273-3430
R. Barteaux, V.Pres.
Emp. 380

Atlas Steel Casting Co.
1963 Elmwood Ave.
Dept. N
Buffalo, NY 14207
(716) 875-2273
C.R. Wyckoff III, Pres.
Emp. 180

Colt Industries
Executive Offices
430 Park Ave.
New York, NY 10022
(212) 980-3500
David Margolis, Pres.
Emp. 25,000

NORTH CAROLINA (24 plants)

Charlotte Pipe & Foundry Co.
P.O. Box 4430
Charlotte, NC 28204
(704) 372-5030
Frank Dowd Jr., Ch/Board
Emp. 250-499

Dewey Bros. Inc., E.
801 S. George St.
Goldsboro, NC 27530
(919) 734-3411
W.R. Helms, Pres.
Emp. 250-499

Foundry Service, Inc.
P.O. Box 249
Biscoe, NC 27209
(919) 428-2111
John Monroe, Pres.
Emp. 100-249

NORTH CAROLINA (cont'd)

Hardy & Newson
P.O. Box 158
La Grange, NC 28551
(919) 566-3111
W.C. Spence, Pres.
Emp. 100-249

NORTH DAKOTA (0 plants)OHIO (120 plants)

Advance Foundry Co.
107 Seminary Ave.
P.O. Box 1411
Dayton, OH 45401
(513) 223-6251
Richard Bell, Treas.
Frank Issenmann
Emp. 110

Akron Standard
240 E. Huston St.
P.O. Box 191
Barberton, OH 44203
(216) 753-2221
Thomas E. Petry, Pres.
Joe Sagalta, Gen. Mgr., V. Pres.
Emp. 200

American Malleable Castings Co.
740 W. Center St.
P.O. Box 910
Marion, OH 43302
(614) 383-1165
Dan L. Lamarche, Pres.
E.M. Osterholt, Ch.Eng.
Emp. 120

Avco Corp / New Idea Div.
1st St. & Sycamore St.
Coldwater, OH 45828
(419) 678-5311
R.W. Engle, Ch.Exec.
C.W. Blessinger, V.Pres.
Emp. 1700

Bean Morris & Co.
Tire Mold Casting Div.
P.O. Box 6
Cedarville, OH 45314
(513) 766-2471
Jerry Dewine, Gen. Mgr.
E.C. Turner, Sales Mgr.
Emp. 100

Buckeye Foundry Co., Inc.
2800 Beckman St.
Cincinnati, OH 45225
(513) 921-1171
Ms. H.L. Redmond, Owner
Karl G. Presser, Pres.
Emp. 150

Buckeye Intl., Inc.
Buckeye Steel Castings Div.
2211 Parsons Ave.
Columbus, OH 43207
(614) 444-2121
J.T. Hughes, Pres.
P.K. Kennedy, Mfg Eng./V.Pres.
Emp. 2050

Burnham Corp.
Foundry Div.
Licking Rd.
P.O. Box 2398
Zanesville, OH 43701
(614) 452-9371
P.J. Bryan, V.Pres.
O.O. Humphrey, Ch.Eng.
Emp. 500

Canton Malleable Iron Co.
2408 13th St. N.E.
Canton, OH 44720
(216) 456-4784
George Mani, Pres.
Donald Maines, Ch. Exec. Off.
Emp. 250

Chrysler Corp.
Fostoria Foundry
1300 N. Main
P.O. Box F
Fostoria, OH 44830
(419) 435-1841
G.A. Alberti, Plant Mgr.
K.L. Bedi, Ch.Eng.
Emp. 765

OHIO (cont'd)

Clow Corp.
 South 6th St.
 P.O. Box 216
 Coshocton, OH 43812
 (614) 622-3251
 R.G. Rinehart, Pres.
 David M. Bash, Plant Mgr.
 Emp. 564

Dayton Malleable Inc., Ohio Div.
 1343 Fields Ave
 Columbus, OH 43201
 (614) 291-4635
 J.F. Torley, Ch.Exec.Off.
 H.S. Connor, Exec.V.Pres.
 Emp. 600

Dayton Malleable Inc.
 2520 S. 3rd St.
 Ironton, OH 45638
 (614) 532-8143
 J.F. Torley, Pres.
 R.E. Riley, Gen. Mgr.
 Emp. 1300

Deuscher, H.P. Co.
 7th & Hanover
 Butler, OH 45011
 (513) 863-3354
 Robert S. Thompson, Pres.
 Robert D. Scherrer, Plant Mgr.
 Emp. 175

Dresser Industries, Inc.
 J.G. Castings Co.
 550 S. Liberty Rd.
 Delaware, OH 43015
 (614) 363-1921
 M.J. Franklin, Pres.
 Joe Morean, Ch. Eng.
 Emp. 250

Eagle-Picher Inds., Inc.
 Akron Std. Div.
 1624 Englewood Ave.
 P.O. Box 186
 Akron, OH 44309
 (216) 784-1251
 Thomas E. Petry, Pres.
 L. McFarland, Ch.Eng.
 Emp. 1000

Elyria Foundry of
 Chromalloy American Corp.
 120 Filbert St.
 Elyria, OH 44035
 (216) 322-4657
 R.C. Gollmar, Ch.Exec.Off.
 I.B. Flamand, Ch.Eng.
 Emp. 450

Foote, J.B., Foundry Co.
 S. Main St.
 P.O. Box 236
 Fredericktown, OH 43019
 (614) 694-2055
 Jack V. Fearn, Pres.
 Hans Hauser, Eng./V.Pres.
 Emp. 150

Ford Motor Co.
 Cleveland Casting
 5600 Engle Rd.
 Brook Park, OH 44142
 (216) 676-7000
 K.R. Randall, Plant Mgr.
 Emp. 6500

Forest City Foundries Co.
 2500 W. 27th St.
 P.O. Box 6924
 Cleveland, OH 44101
 (216) 621-6640
 Charles F. Seelbach, Jr., Pres..
 Herman Vacha, Ch.Eng.
 Emp. 450

G & C Foundry Co.
 2806 W. Monroe St.
 Sandusky, OH 44870
 (419) 625-5125
 William F. Kirner, Pres.
 Charles T. Carroll, Plant Mgr.
 Emp. 110

G.H.R. Foundry Div.
 Dayton Malleable, Inc.
 400 Detrick
 Dayton, OH 45404
 (513) 224-0851
 J.F. Torley, Ch.Exec.Off.
 R.L. Carr, Gen. Mgr.
 Emp. 800

OHIO (cont'd)

General Castings Co.
Toledo St.
 Delaware, OH 43015
 (614) 363-1941
 John E. Midlam, Pres.
 Randy Wertz, Ch.Eng.
 Emp. 100

General Motors Corp.
 Central Foundry Div.
 Rt. 281
 Defiance, OH 43512
 (419) 782-7010
 T.R. Wiltse, Div. Gen. Mgr.
 G.B. Manch, Plant Mgr.
 Emp. 5400

Gould, Inc.
 Engine Parts Div.
 3631 Perkins Ave.
 Cleveland, OH 44114
 (216) 481-7221
 L.J. Cawley, Pres.
 J.G. Breen, Exec.V.Pres.
 Emp. 1500

Hamilton Allied Corp.
 Hamilton Foundry Div.
 1551 Lincoln Ave.
 Hamilton, OH 45011
 (513) 863-5500
 Joseph F. Coursey, Pres.
 Donald E. Schneider, Ch.Exec.Off.
 Emp. 340

Hayes-Albion Corp.
 Greenlawn Dr.
 P.O. Box 707
 Tiffin, OH 44883
 (419) 488-9310
 C.E. Drury, Pres.
 Clay Peck, Plant Mgr.
 Emp. 500

Hobart Corp.
 West Liberty, OH 43357
 (513) 465-5015
 Phillip V. Florek, Plant Mgr.
 Emp. 114

Kasper Foundry Co.
 Oberlin Rd. & B.O. Railroad
 Box 370
 Elyria, OH 44035
 (216) 323-5408
 E. Kasper, Pres.
 Frank Stumphanzer, V.Pres.
 Emp. 156

Kelly, O.S., Co.
 318 E. North St.
 Springfield, OH 45503
 (513) 322-4921
 Carl Thomas Ultes, Pres.
 Alex B. Weizenecker, Exec.V.Pres.
 Emp. 200

Kelsey-Hayes
 Fremont Foundry
 1017 Dickinson St.
 Fremont, OH 43420
 (419) 334-3811
 Richard Gloer, P.A.
 Thomas Famcher, Plant Mgr.
 Emp. 210

Larson Consolidated, Inc.
 Larson Gray-Ductile Iron Cast.Div.
 1080 Cleveland St.
 Grafton, OH 44044
 (216) 926-2511
 W.O. Larson, Pres.
 A.E. Scofield, Ch.Eng.
 Emp. 200

Ohio Brass Co.
 (of Hubbell, Inc.)
 380 N. Main St.
 Mansfield, OH 44902
 (419) 522-7111
 William R. Cress, Pres.
 John M. Sheadel, Ch. Eng.
 Emp. 977

Osco Inds., Inc.
 11th & Chillicothe Sts.
 Portsmouth, OH 45662
 (614) 354-3183
 Richard L. Diehl, Pres.
 G. Fisher, Ch. Eng.
 Emp. 250

OHIO (cont'd)

Otis Elevator Co.
Casting Plant
350 E. High St.
London, OH 43140
(614) 852-3200
George Campbell, Sales Mgr.
George Middaugh, P.A.
Emp. 264

Quality Castings Co.
1200 N. Main St.
Orrville, OH 44667
(216) 682-6010
A.L. Yontz, Pres.
Wm. Sampson, Ch.Eng.
Emp. 400

Reliance Electric Co.
Columbiana Pump Div.
131 E. Railroad St.
Columbiana, OH 44408
(216) 482-3383
Kim Hoover, Gen. Mgr.
V.R. Horning, Div. Mgr.
Emp. 170

Ridge Tool Co.
I-F Mfg. Co. Div.
Bowers Ave. N.W.
New Philadelphia, OH 44663
(216) 364-7708
Emp. 185

St. Marys Foundry Co.
405 E. South St.
P.O. Box 248
St. Marys, OH 45885
(419) 394-3346
Larry Dine, Pres.
Mark W. Dine, Sales Mgr.
Emp. 150

Shenango Co.
W. 3rd St.
P.O. Box 400
Dover, OH 44622
(216) 343-7741
G.W. Snyder, Pres.
K.E. Longacher, Ch.Eng.
Emp. 250

T & B Foundry Co.
Sub. of Oglebay-Norton Co.
2469 E. 71st St.
Cleveland, OH 44104
(216) 391-4200
Emmett Benedum, Pres.
Art Evans, V.Pres.
Emp. 130

Teledyne Ohio Steel
Div. of Teledyne Inc.
W. 4th St.
Lima, OH 45802
(419) 222-2010
G.W. Robinson, Pres.
R. Sherlock, V.Pres.
Emp. 870

Tri-State Foundry Co.
4785 Morse St.
Cincinnati, OH 45226
(513) 321-3616
Myers Y. Cooper, Pres.
Lyle E. Schmidt, Exec.V.Pres.

U-Brand Corp.
Foundry Div.
Nankin Rd.
Ashland, OH 44805
(419) 289-1100
C.Kates, Pres.
Thomas Rhoades, Plant Mgr.
Emp. 300

United States Steel Corp.
Roll & Machine Plant
1221 15th St. S.W.
Canton, OH 44706
(216) 455-5118
Bob Greenwood, Gen. Mgr.
R.W. Kirkpatrick, Ch.Eng.
Emp. 203

Warner & Swasey Co
Sterling Casting Div.
Erie St.
P.O. Box 98
Wellington, OH 44090
(216) 647-3431
Richard D. Erickson, V.Pres.
William Buckingham, Gen. Mgr.
Emp. 165

OHIO (cont'd)

Wean United Inc.
1400 Grace Ave. N.E.
Canton, OH 44705
(216) 456-2761
R.J. Wean, Pres.
Edward Bauer, Plant Mgr.
Emp. 260

Wickham Piano Plate Co.
1817 Sheridan Ave.
Springfield, OH 45505
(513) 323-7549
H.P. Wickham, Gen. Mgr.
J.E. Martin, P.A.
Emp. 200

Williams, A.C.
Centrifugal Castings Co. Div.
267 Hazen St.
Ravenna, OH 44266
(216) 296-6443
R.E. McCoy, Pres.
H. Campfield, Ch.Eng.
Emp. 250

OKLAHOMA (5 plants)

Gardner-Denver Co., Casting Div.
Mid-America Industrial Dist.
P.O. Box 99
Pryor, OK 74361
(918) 825-0327
E.M. Rigby, Plant Mgr.
Emp. 600

Oklahoma Steel Castings Co.
Div. of American Steel & Pump Corp.
1164 N. Peoria Ave.
P.O. Drawer 2709
Tulsa, OK 74101
(918) 585-9285
Gene Davis, Gen. Mgr.
Emp. 599

OREGON (11 plants)

Durametal Foundry Co., Inc.
9560 S.W. Herman Rd.
Tualatin, OR 97062
(503) 638-6501
Morris A. Arntson, Jr., Pres.
Emp. 100

Hearth Craft
10035 N.E. Sandy
Portland, OR 97220
(503) 256-2871
D.W. Best, Pres.
Emp. 200

Rich Manufacturing Co. of Oregon
866 N. Columbia Blvd.
Portland, OR 97217
(503) 283-4102
E.J. Hyche, Pres.
W.N. Greely, V.Pres.
Emp. 150

Wesco Moore Clear
10350 S.W. 5th
Beaverton, OR 97005
(503) 643-1571
K.J. Bush, Pres.
A.B. Holmes, V.Pres.
Emp. 130

Western Foundry Co.
8200 S.W. Hunziker, Rd.
Tigard, OR 97223
(503) 639-2141
E.G. Huffs Schmidt, Pres.
Emp. 225

PENNSYLVANIA (200 plants)

Ampco Pittsburgh Corp.
Ampco Metal Div. Eastern
Street Rd. at Interstate 95
Cornwells Heights, PA 19020
(215) 639-2200
Tom Jemore, Gen. Mgr.
Emp. 78

PENNSYLVANIA (cont'd)

Bucyres-Erie
Div. of S. Milwaukee
Box 555
Glassport, PA 15045
(412) 422-9400
William Douglas, Jr., Pres.
Emp. 900

General Steel Industries, Inc.
National Roll Div.
Avonmore, PA 15618
(412) 697-4533
W.W. McMahn, Pres.
Emp. 375

ITT Grinnell Corp.
1411 Lancaster Ave.
Columbia, PA 17512
(717) 684-4400
D.P. Nucont, Pres.
Emp. 1300

Rockwell-Draper Div.
Rockwell International
S.Pine St.
P.O. Box 2648
Spartanburg, SC 29304
(803) 585-6411
Spencer Bates, P.M.
Vernon M. Stokely, P.A.
Emp. 1041

Springs Mills, Inc.
Springs Foundry & Machine Shop
Memorial Park Rd.
P.O. Box 111
Lancaster, SC 29720
(803) 283-4194
N.V. Smith, Gen. Mgr.
Emp. 200

Sumter Machinery Co.
103 Mary St.
P.O. Box 700
Sumter, SC 29150
(803) 773-1441
B.A. Siddall, Sr., Pres.
Emp. 130

RHODE ISLAND (0 plants)SOUTH CAROLINA (11 plants)

Bahan Textile Machinery Co., Inc.
P.O. Box 1908
Greenville, SC 29602
(803) 244-4220
Marshall H. Rhyne, Sr., Pres.
Emp. 300

Roberts Foundry Company
Div. of White Consolidated Ind., Inc.
711 West Alexander St.
P.O. Box 1175
Greenwood, SC 29646
(803) 223-4331
Donald Matthieu, Pres.
Richard J. Bridges, P.A.
Emp. 160

SOUTH DAKOTA (8 plants)

Safeguard Power Transmission
P.O. Box 1089
Aberdeen, SD 57401
(605) 225-0360
Emp. 250 or more

Walter, Jim Windon Components
Dinsmore Div.
1069 Algonquin
Sioux Falls, SD 57104
(605) 336-1403
Emp. 100-250

TENNESSEE (30 plants)

Johnson City Foundry &
Machine Works, Inc.
920 W. Walnut St.
Box 1038
Johnson City, TN 37601
(615) 926-4418
J.R. Ross, Jr., Exec.V.P.
Emp. 147

Lewisburg Casting Co., Inc.
643 Bridgeview Ave.
Lewisburg, TN 37091
(615) 359-4594
L.E. Weaver, Pres.
Emp. 150

Lodge Mfg. Co.
6th St.
South Pittsburg, TN 37380
(615) 837-7181
John R. Lodge, Pres.
Emp. 203

Mueller Co.
1401 Mueller Ave.
Chattanooga, TN 37406
(615) 698-8811
Earl Bright, Plant Mgr.
Emp. 900

North American Royalties Inc.
200 E. Eighth St.
Chattanooga, TN 37402
(615) 265-3181
Gordon Street, Sr., Pres.
Emp. 1310

Powermatic/Houdaille Inc.
P.O. Box 70
McMinnville, TN 37110
(615) 473-5551
G.W. Delaney, Pres.
Emp. 541

Rockwell International
Metal Casting Div.
3217 Alton Park Blvd.
Chattanooga, TN 37410
(615) 266-3623
T.A. Deakins, Plant Mgr.
Emp. 580

Ross-Meehan Foundries
1601 Carter St.
Chattanooga, TN 37402
(615) 266-4701
M.C. Stephens, Pres.
Emp. 550

U.S. Pipe & Foundry
Valve Div.
2501 Chestnut St.
Chattanooga, TN 37408
(615) 265-4611
Reece Hartman, Plant Mgr.
Emp. 952

U.S. Pipe & Foundry
Soil Pipe Div.
1000 W. 19th St.
Chattanooga, TN 37408
(615) 265-4611
Jas Prigmore, Mfg. Mgr.
Emp. 575

United Foundries Corp.
P.O. Box 488
Camden, TN 38320
(901) 584-4691
Rolf Wipperfurth, Pres.
Emp. 230

TEXAS (87 plants)

ACF Industries, Inc.
W-K-L Valve Div.
Box 2117
Houston, TX 77001
(713) 499-1511
W.E. Kemp, Gen. Mgr.

Alamo Iron Works
101 Montana
Box 231
San Antonio, TX 78291
(512) 223-6161
John C. Holmgreen, Pres.

TEXAS (cont'd)

Anacast
Box 15035
Fort Worth, TX 76119
(817) 478-9231
John Grace, Gen. Mgr.

Texas Electric Steel Casting Co.
3617 Baer
Box 3012
Houston, TX 77001
(713) 225-6503
A.B. Keckley, Pres.

Texas Foundries, Inc.
1611 N. Raquet
Box 1608
Lufkin, TX 75901
(713) 632-4451
Mark M. Miller, Pres.

Texas Steel Co.
3901 Hemphill
Box 28938
Fort Worth, TX 76128
(817) 023-4611

Lynchburg Foundry Co.
Drawer 411
Archer Creek, VA 34505
Emp. 500-1000

Lynchburg Foundry Co., Inc.
160 S. First St.
Radford, VA 24141
(703) 639-2411
T.H. Coleman, Works Mgr.
Emp. over 1000

Newport News Industrial Corp.
12388 Warwick Blvd.
Newport News, VA 23606
(804) 380-7053
R.L. Hartsock, Pres.
Emp. 125

Richard Foundry Corp.
499 E. Indian River Rd
Norfolk, VA 23523
(804) 545-3571
C.L. Wilson, Pres.
Emp. 112

Virginia Metal Crafters, Inc.
1010 E. Main St.
Waynesboro, VA 22980
(703) 942-8205
W.A. Foster, Jr., Pres.
Emp. 170

UTAH (2 plants)VERMONT (0 plants)VIRGINIA (13 plants)

Bingham & Taylor Corp.
Nalle Place
Culpeper, VA 22701
(703) 825-8334
G.G. Moore, Mgr.
Emp. 150

WASHINGTON (6 plants)

Spokane Steel Foundry Co.
Terminal Box 3305
Spokane, WA 99220
(509) 924-0440
John C. Tenold, Pres.
Emp. 180

WEST VIRGINIA (2 plants)

Kelly Foundry & Machine Co., Inc.
 P.O. Drawer 232
 Elkins, WV 26241
 (304) 636-0390
 Joseph D. Dakan, Pres./Gen. Mgr.
 Emp. 150

Pelton Casteel, Inc.
 148 W. Dewey Pl.
 Milwaukee, WI 53207
 (414) 481-3400
 Harold Sotski, V.Pres. Mfg.
 Emp. 325

WISCONSIN (28 plants)

Grede Foundries, Inc.
 9898 W. Bluemound Rd.
 P.O. Box 26499
 Milwaukee, WI 53226
 (414) 257-3600
 James T. Williams, V.P. Eng.
 Emp. 1200

Harris Metals, Inc.
 4210 Douglas Ave.
 P.O. Box 398
 Racine, WI 53401
 (414) 639-2282
 Richard Sukus, Ch.Eng.
 Emp. 300

Howmet Turbine Components Corp.
 Crucible Steel Casting Div.
 2850 S. 20th St.
 Milwaukee, WI 53215
 (414) 645-7700
 T. Franklin, Ch.Eng.
 Emp. 600

Janes Mfg., Inc.
 7625 S. Howell Ave.
 P.O. Box 248
 Oak Creek, WI 53154
 Alexander M. Meyers, V.Pres. Mfg.
 (414) 764-3540
 Emp. 200

Maynard Steel Casting Co.
 2856 S. 27th St.
 Milwaukee, WI 53215
 Clayton Berry, Ch.Eng.
 (414) 645-0440
 Emp. 750

Racine Steel Castings
 A Div. of Evans Products Co.
 1442 N. Memorial Dr.
 Racine, WI 53404
 (414) 634-3341
 Peter R. Freund, Engr.
 Emp. 900

Stainless Foundry & Engineering, Inc.
 5150 N. 35th St.
 Milwaukee, WI 53209
 (414) 462-7220
 Erwin K. Zielke, V.Pres. Mfg.
 Emp. 185

Waukesha Foundry Div.
 Abex Corp.
 1300 Lincoln Ave.
 Waukesha, WI 53186
 (414) 542-0741
 J.M. Connelly, Mgr. Casting Div.
 Emp. 550

Wisconsin Centrifugal, Inc.
 905 E. St. Paul Ave.
 P.O. Box 827
 Waukesha, WI 53187
 (414) 544-7777
 H.E. Pritzlaff, V.Pres. Eng.
 Emp. 1250

Wehr Steel Co.
 2100 S. 54th St.
 P.O. Box 19906
 Milwaukee, WI 53219
 (414) 671-2100
 J.C. Engeswick, Gen. Mgr.
 Emp. 500

WYOMING (0 plants)

1.34

SIC 3471

ELECTROPLATING, POLISHING,
ANODIZING and COLORING

1.341 KEY STATISTICS FOR SIC 3471

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Plating Tank Heating	130°F - 190°F	1

<u>Current Heat Source(s)</u>		
Steam	100°F - 200°F	2

Total Energy Consumption

24.91 trillion BTU/year	3
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Total no. of plants in U.S. 2782	4
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References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.342 Plant Directory for SIC 3471 Firms

ALABAMA (27 plants)

Cullman Products
Div. of Dutch Bay, Inc.
1909 Beech Ave., S.W.
P. O. Drawer 489
Cullman, AL 35055
(205) 734-4921
E. S. Blocher, Gen. Mgr.
Emp. 351-450

Welsh Co. of the South, Inc.
Div. of St. Louis, Mo.
Rt. 1, Box 1
Union Springs, AL 36089
(205) 738-2700
L. M. Carem, Gen. Mgr.
Emp. 157-200

ARIZONA (20 plants)

Van Guard West, Inc.
3001 N. 33rd Ave.
Phoenix, AZ 85017
(602) 269-6451
George Crouch, Ex. V.Pres.
Emp. 79

ARKANSAS (13 plants)

Yoder Manufacturing
P. O. Box 67
1823 E. 17th St.
Little Rock, AR
(501) 376-1977
Fred Hollis, Plt. Mgr.
Emp. 50-100

CALIFORNIA (238 plants)

Acme Lighting & Mfg. Co.
18401 E. Arenth Ave.
Industry, CA 91748
(213) 965-0711
Walter Kois, Plt. Mgr.
Emp. 250

Alumtreat, Inc.
1455 Monterey Pass Rd.
Monterey Park, CA 91754
(213) 269-7481
Michael Burlington, Pres.
Emp. 140

Anadite, Inc.
10647 Garfield Ave.
South Gate, CA 90280
(213) 773-4210
K. Russey, Gen. Mgr.
Emp. 1,000

Appliance Industries
23920 S. Vermont Ave.
Harbor City, CA 90710
(213) 775-6121
Tom Allen, Operations
Emp. 536

Cal. Chrome
P. O. Box 965
936 Mahar Ave.
Wilmington, CA 90741
(213) 830-4444
Abe Hepner, Gen. Mgr.
Emp.

Crown City Plating Co.
4350 Temple City Blvd.
El Monte, CA 91731
(213) 283-6481
Foster Merkolf, Pres. & Mgr.
Emp. 550

Dyna-Craft, Inc.
2919 San Ysidro
Santa Clara, CA 95051
(408) 739-6321
Robert M. Allen, Pres.
Emp. 175

George Industries
4116 Whiteside St.
Los Angeles, CA 90063
(213) 264-6660
George S. Gering, Pres.
Emp. 180

Keystone Automotive Plating Corp.
700 E. Bonita Ave.
Pomona, CA 91767
(714) 624-8041
John G. Jordan, Pres.
Emp. 350

Van Der Horst Corporation of America
1114 Harrison St.
San Francisco, CA 94103
(415) 621-1465
Robert Gordon Scott, Pres.
Emp. 180

COLORADO (32 plants)

Colorado Anodizers, Inc.
777 Umatilla
Denver, CO 80204
(303) 534-8161
S. M. Tarpley, Pres.
Emp. 50-100

Power Engineering Co.
2220 S. Delaware
Denver, CO 80223
(303) 772-8782
R. Lilienthal, Pres.
Emp. 50-100

Thomas Plating Co., Inc.
4695 S. Winimere St.
Englewood, CO 80110
(303) 761-1500
Kay Clark, Mgr.
Emp. 50-100

CONNECTICUT (98 plants)

Bridgeport Plating Co., Inc.
325 Hancock Ave.
Bridgeport, CT 06605
(203) 366-3633
Joseph Bonazzo, Pres.
Emp. 125

Daniels Plating Barrel &
Equipment Co.
Barr Rd. & Rt. 6
Terryville, CT 06786
(203) 589-7800
Alfred Marulli, Sr., Pres.
Emp. 325

MacDermid, Inc.
50 Brookside Rd.
Waterbury, CT 06720
(203) 754-6161
Arthur LoVetere, Pres.
Emp.

Mercil Plating Equipment Co.
Burr Rd. & Rt. 6
Terryville, CT 06786
(203) 589-7800
Alfred Marulli, Sr., Pres.
Emp. 325

Mite Corporation
446 Blake St.
New Haven, CT 06515
(203) 387-2572
L. J. Brancato, Pres.
Emp. 950

Plating Center
86 Lesbia St.
Bridgeport, CT 06606
(203) 335-3691
P. Kassery, Owner
Emp. 203

DELAWARE (0 plants)FLORIDA (66 plants)

Air Carrier Engine Service
Alaska Interstate Company
P. O. Box 480236 Miad
Miami, FL 33148
(305) 871-1790
James E. Brewer
Emp. 185

Florida Gold Fontasia, Inc.
16400 NW 15th Ave.
Mail: P. O. Box 3501
Miami, FL 33169
(305) 625-5171
Jack W. Reiff, Pres.
Emp. 501

Silver Mart Plating Co.
1970 Whitfield Ave. E.
Sarasota, FL 33580
(813) 756-1100
A. E. Buchenberg, Jr., Owner
Emp. 501

GEORGIA (20 plants)

Bridgeport Brass Co.
Industrial Park
Moultrie, GA 31768
(912) 985-3560
Emp. 201

IDAHO (6 plants)

Wallace Plating Co.
P.O. Box 7473
3235 Chinden Blvd.
Boise, ID 83701
(208) 344-8589
Miles Wallace, Owner
Emp. 10-24

ILLINOIS (300 plants)

API Industries, Inc.
832 S. Central Ave.
Chicago, IL 60644
(312) 379-4070
Thomas A. Delihant, V. Pres. Sec.
Emp. 225

Driscoll & Co.
3145 W. Grand Ave.
Chicago, IL 60622
(312) 632-4400
Mary J. Driscoll, Pres.
Emp. 250

INDIANA (140 plants)

Aluminum Finishing Corp.
1012 E. 21st St.
Indianapolis, IN 46202
(317) 923-4501
J.L. Chesterfield, Pres.
Emp. 100-249

American Bearing Div.
NL Industries
429 S. Harding St.
Indianapolis, IN 46221
(317) 632-5588
F. Labertus, Pres.
Emp. 100-249

Briddle Screw Products Co., Inc.
701 S. Main St.
P.O. Box 71
Sheridan, IN 46069
(317) 758-4451
Jack Myers, Pres.
Emp. 250-499

Der-Wel Products, Inc.
P.O. Box 478
Morristown, IN 46161
(317) 763-7212
Terry Sandbarn, Gen. Mgr.
Emp. 100-249

Keene Products, Inc.
Sub. CTS
S.R. 13 N.
P.O. Box 70
Middlebury, IN 46540
(219) 825-2161
J.S. Martin, Pres.
Emp. 250-499

State Plating, Inc.
450 No. 9th St.
P.O. Box 16
Elwood, IN 46036
(317) 552-5047
Emp. 250-499

IOWA (23 plants)

Mefferd Industries, Inc.
114 Rush Lake Road
Laurens, IA 50554
(712) 845-4548
Thomas A. Mefferd, Pres.
Emp. 101-250

Superior/Ideal
1107 S. 7th St.
Oskaloosa, IA 52577
(515) 672-2595
Lewis H. Oster, V. Pres.
Emp. 101-250

United Plating Co., Inc.
416 S.E. 6th St.
Des Moines, IA 50309
(515) 282-0214
G.W. McDaniel, Pres.
Emp. 50-101

KANSAS (27 plants)

Extrusions, Inc.
P.O. Box 430
2401 S. Main
Fort Scott, KS 66701
(316) 223-1111
Joseph A. Ida, Pres. & Gen. Mgr.

KANSAS (cont'd)

Kuhlman Diecasting Co.
P.O. Box 218
164th & Mission Rd.
Stanley, KS 66223
(913) 681-2351
W.E. Brumwell, V. Pres. & Gen. Mgr.
Emp. 100-250

Swick Guth, Inc.
P.O. Box 868
McPherson, KS 67460
(316) 241-4242
J.C. Giuffre, Pres.
Emp. 100-250

KENTUCKY (22 plants)

Cardinal Extrusions Co.
6910 Preston Hwy.
P.O. Box 13066
Louisville, KY 40213
(502) 969-9302
William Edwards, Jr., Pres.
Emp. 90

Ken Dec, Inc.
U.S. 31-W, Box 128
Horse Cave, KY 42749
(502) 786-2111
Charles Newman, Sales Mgr.
Emp. 110

The Franc E. Taylor Co.
Taylor Tot Rd.
P.O. Box 636
Frankfort, KY 40601
(502) 695-2000
W. Keith Johnson, Pres.
Emp. 125

LOUISIANA (4 plants)MAINE (4 plants)

Philips Elmet Corp.
1560 Lisbon Rd.
Lewiston, ME 04240
(207) 784-3591
Emp. 180

MARYLAND (24 plants)

Carvell Hall Division
Rte. 413
Crisfield, MD 21817
(301) 968-0500
John Parks, Mfg. Mgr.
Emp. 150

Reisner, Inc.
240 N. Prospect St.
P.O. Box 71
Hagerstown, MD 21740
(301) 733-2650
David Wright, Pres.
Emp. 50

MASSACHUSETTS (102 plants)

Aurini Industries, Inc.
320 River St.
Fitchburg, MA 01420
(617) 345-1846
Lawrence Narcus, Pres.
Emp. 252

Edward P. Garrepy, Inc.
Garrepy Platers
722 Plantation St.
Worcester, MA 01605
(617) 852-2886
Arthur Gilbert, Pres.
Emp. 222

Poly Metal Finishing, Inc.
Allen St., Bldg. 218
Springfield, MA 01108
(413) 781-4535
Emp. 402

MICHIGAN (308 plants)

Grand Rapids Die Casting Co.
1140 Monroe, N.W.
Grand Rapids, MI 49503
(616) 454-9441
M. Nelson, Chief Eng.
Emp. 300

MICHIGAN (cont'd)

Hartford Metal Protection, Inc.
520 Haywood
Hartford, MI 49057
(616) 621-3111
D. J. Welton, Pres.
Emp. 150

Hayes-Albion Corp.
1999 Wildwood Ave.
Jackson, MI 49202
(517) 789-6168
D. B. Peterson, V. Pres. Castings Grp.
Emp. 1,200

Howard Plating Ind., Inc.
32565 Dequindre
Madison Heights, MI 48071
(313) 588-9050
Richard G. O'Neil, Pres.
Emp. 190

Michigan Dynamics Div.
32400 Ford Rd.
Garden City, MI 48135
(313) 522-4000
James Chaplin, Ch. Eng.
Emp. 105

Rockwell International/
Automotive Operations
2135 W. Maple Rd.
Troy, MI 48064
(313) 435-1000
R. J. Gorman, V. Pres. Tech. Ops.
Emp. 800

MINNESOTA (51 plants)

Pine Plating Co., Inc.
P. O. Box 27
Pine Island, MN 55936
(507) 357-8322
Kenneth Ebstrom, Pres.
Emp. 100-249

Superior Plating, Inc.
315 1st Ave. N.E.
Minneapolis, MN 55413
(612) 339-0511
E. J. McMonague, Pres.
Emp. 100-249

MISSISSIPPI (17 plants)

Anaconda Company
Aluminum Div.
Russell Anaconda
P. O. Box 1521
Key Field
Meridian, MS 39301
(601) 483-1447
R. L. Roberts, Gen. Mgr.
Emp. 155

Modern Line Products
Second St. Exit
P. O. Box 110
Indianola, MS 38751
(601) 887-4151
Darrell Holl, Gen. Mgr.
Emp. 475

Royal Maid, Inc.
P. O. Drawer 30
Hazlehurst, MS 39083
(601) 894-1771
John C. Granger, V.
Emp. 250

MISSOURI (72 plants)

Siegel-Roberts Plating Co.
8645 So. Broadway St.
St. Louis, MO 63111
(314) 638-8300
B. G. Robert, Pres.
Emp. 270

Talbot-General Wire Products
1211 Harmony
P. O. Box 608
Neosho, MO 64850
(816) 451-5900
Robert Talbot, Pres.
Emp. 305

MONTANA (2 plants)NEBRASKA (8 plants)NEVADA (5 plants)

NEW HAMPSHIRE (4 plants)NEW JERSEY (122 plants)

Armotek Industries, Inc.
Rotocylinders Div.,
American Engraving Div.
701 Public Rd.
Palmyra, NJ 08068
(609) 829-4585
Henry G. Stifel, Ch/Board
Harry G. Stifel, Pres.
Emp. 135

Arron Fastener Co., Inc.
271 Mayhill St.
Saddle Brook, NJ 07663
(201) 843-6900
M. Abrams, Ch/Board
A. Abrams, Pres.
Emp. 600

Etamco Industries
1 Montgomery St.
Belleville, NJ 07109
(201) 759-7100
G. F. Peterson, Ch/Board
R. N. Cox, Pres.
Emp. 250

Ionac Chemical Co.
Div. of Sybron Corp.
Birmingham Rd.
Birmingham, NJ 08011
(609) 894-8211
Richard M. Klein, Pres.
William Allen, Jr., V. Pres.
Emp. 150

L-R Metal Treating
Div. of Thermo National
Industries
108 Johnson St.
Newark, NJ 07105
(201) 589-3032
Herbert Dubkin, Pres.
Ben Belnick, Ex. V. Pres.
Emp. 125

Mideast Aluminum Industries, Inc.
Sub. of Indal Ltd.
U. S. Hwy. 130
Dayton, NJ 08810
(201) 329-8000
Ray B. Souers, Pres.
David Reeber, Ex. V. Pres.
Emp. 240

NEW MEXICO (5 plants)

Duke City Bumper Supply
3229 Claumont NE
P. O. Box 3434
Albuquerque, NM 87190
(505) 345-8521
S. Hidalgo, Owner
Emp. 20-49

NEW YORK (84 plants)

Chromalloy American Corp.
641 Lexington Ave.
New York, NY 10022
(212) 826-9277
Irving Shepard, Pres.
Emp. 20,000

Chromalloy Div.
169 Western Highway
West Nyack, NY 10994
(914) 356-4962
Richard Wachteth, Pres.
Emp. 250

General Super Plating Co., Inc.
5781 Bridge St.
East Syracuse, NY 13057
(315) 446-5050
H. Gerhardt, Pres.
Emp. 120

Utility Platers, Inc.
412-420 Washington Ave.
Kingston, NY 12401
(914) 331-1619
Burt Ellis, Pres.

NORTH CAROLINA (31 plants)

Brame Ind.
P. O. Box 943
Greensboro, NC 27402
(919)275-8441
A.A. Brame

Custom Processing & Mfg. Inc.
1110 Surrent Dr.
High Point, NC 27761
(919) 883-9119
J.A. Austin, Jr., Pres.

Hayes Albion Corp.
Briges Schaffner Div.
P. O. Box 10579
Winston Salem, NC 27108
(919) 722-2571
E.E. Winslow, Mgr.

NORTH DAKOTA (1 plant)OHIO (286 plants)

General Extrusions, Inc.
Yoyo Lake Park Rd.
P. O. Box 2687
Youngstown, OH 44501
(216) 783-0270
Fred G. Schuler, Pres.
Emp. 225

Hayes-Albion Corp./Fifty Div.
721 E. Edgerton St.
Bryan, OH 43506
(417) 636-3101
Robert Adams, Gen. Mgr.
Emp. 290

Kirkwood Ind., Inc.
4855 W. 130 St.
Cleveland, OH 44101
(216) 267-6200
Wm. T. Campbell, Pres.
Emp. 600

MMF Inc.
3448 Spring Grove Ave.
Cincinnati, OH 45202
(513) 541-3095
Sandford M. Brooks, Pres.
Emp. 150

Olympic Plating Ind.
208 15th St. S.W.
Canton, OH 4701
(216) 452-8856
John C. Kiminas, Pres.
Emp. 165

Rogate Industries/Hoover Universal
40 S. Airport Rd.
Mansfield, OH 44901
(419) 524-6212
Rober L. Harms, Pres.
Emp. 225

Stolle Corp.
1501 W. Michigan Ave.
Sidney, OH 45365
(513) 472-1111
R. J. Stolle, Owner
Emp. 1,100

OKLAHOMA (30 plants)

Oklahoma Aerotronics, Inc.
632 Renn Ave.
Hartshorne, OK 74547
(918) 297-2566
J. H. Rice, Pres.
Emp. 402

OREGON (49 plants)

Anodizing, Inc.
7933 NE 21st Ave.
Portland, OR 97211
(503) 285-0404
James W. Cowman, Pres.
Emp. 150

East Side Plating
310 SE Stephens
Portland, OR 97214
(503) 233-8554
Robert R. Finzer, Pres.
Emp. 65

PENNSYLVANIA (117 plants)

Canonsburg Metal Service
99 Oakwood Ave.
Washington, PA 15301
(412) 222-5750
J. Pauley
Emp. 243

Fleck Industries, Inc.
2800 Turnpike Dr.
Willowgrove, PA 19090
(215) 675-7000
George E. Graham, Pres.
Emp. 250

Precision Nat. Corp.
P. O. Box 358
Clarks Summit, PA 18411
(717) 587-1191
R. Jenkins, Pres.
Emp. 300

Tri-State Finishing Co.
3591 Ridgeway Dr.
Bethel Park, PA 15102
(412) 341-3122
James E. Gurrity, Pres.
Emp. 120

RHODE ISLAND (97 plants)

Antonelli Plating Co., Inc.
50 Valley St.
Providence, RI 02909
(401) 331-2240
Christopher Antonelli, Pres.
Emp. 150

Levin Plating, Inc.
560 Mineral Spring Ave.
Pawtucket, RI 02860
(401) 724-4550
Leonard Levin, Pres.
Emp. 249

SOUTH CAROLINA (15 plants)

Evans Bule Co.
6555 Lain St.
P. O. Box 10528
Charleston, SC 29411
(803) 797-2500
Jack Evans, Pres.
Emp. 223

SOUTH DAKOTA (1 plant)TENNESSEE (39 plants)

S. R. of Tennessee, Inc.
Hwy. 51 N.
Ripley, TN 38063
(901) 635-3421
Roger Timmer, Mgr.
Emp. 400

Tennessee Electroplating Inc.
Viar Rd.
Ripley, TN 38063
(901) 635-0671
Emp. 250

Unarco Commercial Products
1132 Kansas
Memphis, TN 38106
(901) 948-8544
Harry M. Musser, VP
Emp. 217

TEXAS (144 plants)

Chromalloy American Corp.
Turbine Support Div.
4430 Director
Box 20148
San Antonio, TX 78220
(512) 333-6010
Martin Weinstein, Pres.

TEXAS (cont'd)

EDM of Texas, Inc.
P. O. Box 34629
Dallas, TX 75234
(214) 241-2501
V. Howard, Gen. Mgr.

Fabsteel Company
Hwy. 80 E.
Ten Fabsteel Plaza
Waskom, TX 75692
(214) 687-3325
Fletcher Thorne-Thomsen, Pres.

Menasco Mfg. Co.
Texas Div.
Hwy. 157 and Pipeline Rd.
Box 7656
Fort Worth, TX 76111
(817) 283-4471
James O. Bean, Gen. Mgr.

Nichols-Kusan, Inc.
N. Bolton St.
Box 1191
Jacksonville, TX 75766
(214) 586-9831
B. E. Michie, Pres.

Smith Industries, Inc.
Oil & Gas Div.
8300 Hempstead Hwy.
Box 7398
Houston, TX 77008
(713) 869-1421
N.S. Kendall, Pres.

Thompson Can Co.
Box 34259
Dallas, TX 75234
(214) 620-1530
Fred R. Dobbs, Gen. Mgr.

UTAH (8 plants)

Ogden Chrome Plating
1810 Wall Ave.
Ogden, UT 84401
(801) 394-9449
Emp. 24 - 49

VERMONT (2 plants)VIRGINIA (3 plants)

Metal Finishing Co.
501 Rotary St.
Newport News, VA 23607
(804) 826-6857
T. P. Jolliffe, Owner
Emp. 2 - 10

WASHINGTON (23 plants)

Heath Tecna Corp.
Plating Div.
8202 S. 200th St.
Kent, WA 98031
(206) 852-1360
Ronald M. Hersch, Div. Pres.
Emp. 150

WEST VIRGINIA (15 plants)WISCONSIN (65 plants)

E. F. Brewer Company
N88 W13901 Main St.
P.O. Box 159
Menomonee Falls, WI 53051
(414) 251-9530
J.W. Hannes, Ch. Eng.
Emp. 130

Greene Mfg. Co.
1028 Douglas Ave.
P.O. Box 397
Racine, WI 53401
(414) 637-1221
Bill George, V. Pres. Engr.
Emp. 200

Oconomowoc Electroplating Co., Inc.
441 Oak St.
P.O. Box 367
Ashippun, WI 53003
(414) 474-4421
S.W. Kitazaki, Gen. Mgr.
Emp. 100

WISCONSIN (cont'd)

Vaporized Coatings, Inc.
3364 W. Hopkins St.
Milwaukee, WI 53216
(414) 871- 9360
William E. Pfleger, Pres.
Emp. 100

S.K. Williams Company
4600 N. 124th St.
Wauwatosa, WI 53225
(414) 464-2220
Matthew Dean, Ch.Eng.
Emp. 100

WYOMING (12 plants)

1.35

SIC 3861

PHOTOGRAPHIC EQUIPMENT
AND SUPPLIES

1.351 KEY STATISTICS FOR SIC 3861

<u>Identified Process</u>	<u>Temperature</u>	<u>Reference</u>
Unavailable	200°F	1
<u>Current Heat Source(s)</u>		
Steam	100°F - 200°F	2
<u>Total Energy Consumption</u>		
34.81 trillion BTU/year		3
Total no. of plants in U.S.	795	4

References

1. Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems. (Preliminary Draft).
2. Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.
3. Census of Manufacturers, 1972. Fuel Consumption & Electricity: Special Report Series, Issued Sept., 1974.
4. Classified State Manufacturing Directories.

1.352 Plant Directory For SIC 3861 Firms

ALABAMA (81 plants)

Compos It, Inc.
1452 Carter Hill Rd.
Montgomery, AL 36106
(205) 262-3879
M. Carpenter, Pres.
Emp. 76-100

Eastman Kodak Processing Laboratory
925 Page Mill Road
Palo Alto, CA 94304
(415) 493-7200
M.E. Husmann, Plant Eng.
Emp. 500

ARIZONA (5 plants)

Durst United States - Sickles Inc.
1200 N. Sickles Dr.
Tempe, AZ 85281
(602) 967-1492
Leslie G. Ebeding, Pres.

Hydro Products
P.O. Box 2528
San Diego, CA 92112
(714) 453-2345
John Russell, Chief Eng.
Emp. 225

Information International, Inc.
5933 Slanson Ave.
Culver City, CA 90230
(213) 390-8611
R.W. Waller, V.Pres.Eng.
Emp. 285

ARKANSAS (1 plant)

Timex Corp.
Plants 1 & 3
P.O. Box 1676
Municipal Airport
Little Rock, AR 72203
(501) 372-1111
Taylor Benton, Plant Mgr.
Emp. 1000-2500

International Materials
Research, Inc.
2950 Scott Blvd.
Santa Clara, CA 95050
(408) 244-3434
Venche Kao, V.Pres.Mfg.
Emp. 100

CALIFORNIA (86 plants)

Bruning Div., Addressograph
Multigraph Corp.
3020 Wilshire Blvd
Los Angeles, CA 90010
(213) 381-3331
Al Herer, Reg. Mgr.

Bruning Div., Mountain View Plant
303 Ravendale Dr.
Mountain View, CA 94043
(415) 969-7100
Emp. 120

Mark Systems, Inc.
510 N. Pastoria Ave.
Sunnyvale, CA 94086
(408) 732-1800
Malcolm R. Malcomson, Pres.
Emp. 200

Microfab Systems Corp
3960 Fabian Way
Palo Alto, CA 94303
(415) 965-1750
Wayne L. Lundberg, Pres.
Emp. 130

Mole-Richardson Co.
937 N. Sycamore Ave.
Hollywood, CA 90038
(213) 851-0111
Daniel L. Aron, Mgr. Eng.

CALIFORNIA (cont'd)

Nitron
10420 Bubbs Rd.
Cupertino, CA 95014
(408) 255-7550
Glen Marshall, Dir. Oper.
Emp. 235

Panavision, Inc.
18618 Oxnard St.
Tarzana, CA 91356
(213) 881-1702
Robert E. Gottschalf, Pres.

PCC Data Systems Operations
17112 Armstrong Ave.
Santa Ana, CA 92714
(714) 540-8340
T.H. Elrds, Gen. Mgr.
Emp. 470

Photo Sonics, Inc.
820 S. Mariposa St.
Burbank, CA 91506
(213) 849-6251
Roy Edwards, V. Pres. Eng.
Emp. 200

Teledyne Camera Systems
131 N. 5th Ave.
Arvada, CA 91006
(213) 359-6691
J. Betts, Chief Eng.

Terminal Data Corp.
21221 Oxnard St.
Woodland Hills, CA 91367
(213) 887-4900
Denis Bean, V. Pres. Eng.
Emp. 160

Xerox Corp.
18691 Jamboree Rd.
Irvine, CA 92715
(714) 833-1380
Steven Rosensteel, Plant Mgr.
Emp. 500

Xidex Corp.
305 Soquel Way
Sunnyvale, CA 94086
(408) 739-4170
Albert E. Slade, Dir. Eng.
Emp. 320

COLORADO (12 plants)

Goldberg Bros Mfg Co
3535 Larimer
Denver, CO 80205
(303) 892-1250
N. Goldberg, V. Pres.
Emp. 100-250

International Business Machines
6300 Diagonal Hwy
Boulder, CO 80302
(303) 447-1900
D.D. Query, Gen. Mgr.
Emp. 1000 or more

Kodak Colorado Div.
Southeast of Windsor
Windsor, CO 80551
(303) 686-7611
A.E. Smith, Mgr.
Emp. 1000 or more

CONNECTICUT (24 plants)

Color Film Corp.
777 Washington St.
Stamford, CT 06902
(203) 327-7050
Emp. 150

Kalart Victor Corp.
Hultenius St.
Plainville, CT 06062
(203) 747-1663
Leonard Quarten, Pres.
Emp. 170

DELAWARE (2 plants)

Tricolor, Inc.
118 Valley Rd.
Wilmington, DE 19805
(302) 658-4163
R.H. Nelson, Pres.
Emp. 25

Wilmington Blueprint Service
817 Tatnall St.
Wilmington, DE 19801
(302) 655-3366
E.W. Putney, Pres.
Emp. 25

FLORIDA (21 plants)

Copystatics Mfg. Corp. Div.
Saxon Industries Inc.
13700 North 57th Court
Miami Lakes, FL 33012
(305) 822-0500
Kurt Hesdoerffer, V. Pres. & Gen. Mgr.
Emp. 500

Saxon Business Products, Inc.
13700 N.W. 57th Court
Miami Lakes, FL 33014
(305) 822-0500
H. Hansen
Emp. 900

Visual Graphics Corp.
5701 N.W. 94th Ave
Tamarac, FL 33321
(305) 722-3000
Edward L. Slater, Pres.
Emp. 398

GEORGIA (4 plants)

Micro Information System
467 Armour Circle N.E.
Atlanta, GA 30324
(404) 873-4421
Emp. 25

IDAHO (0 plants)ILLINOIS (118 plants)

Bell & Howell Co.
Business Equip. Group
6800 McCormick Rd.
Lincolnwood, IL 60645
(312) 675-7600
D.T. Jones, Pres.
Emp. 650

Borg-Warner Educational Systems
600 W. University Dr.
Arlington Heights, IL
(312) 394-1010
William J. Raymond, Pres.
Emp. 130

CAI
550 W. Northwest Hwy
Barrington, IL 60010
(312) 381-2400
T.H. Thompson, V. Pres. & Gen. Mgr.
Emp. 600

DuPont DeMours & Co., E.
7415 Melvina Ave.
Niles, IL 60648
(312) 647-7887
R.L. Colbert, Reg. Mktg. Serv. Mgr.
Emp. 210

ILLINOIS (cont'd)

Eastman Kodak Company
1712 S. Prairie Ave.
Chicago, IL 60616
(312) 922-9691
Wesley R. Sandell, Mgr.
Emp. 400

Eastman Kodak Company
Midwestern Marketing and Dist. Center
1901 West 22nd St.
Oakbrook, IL 60521
(312) 654-5300
P.T. Foss, Reg. Dir.
Empl 500

Encyclopedia Britannica Educational Corp.
425 N. Michigan Ave.
Chicago, IL 60611
(312) 321-6800
Ralph Wagner, Pres.
Emp. 350

Harwood Mfg. Co.
1800 W. Fullerton Ave.
Chicago, IL 60614
(312) 929-1100
Sidney Swislow, Pres.
Emp. 100

Imperial Camera Corp.
421 N. Western Ave.
Chicago, IL 60612
(312) 829-2424
Maurice J. Fischberg, Pres.
Emp. 120

K & S Photographics
180 N. Wabash Ave.
Chicago, IL 60601
(312) 421-1800
Michael A. Kleiman, Pres.
Emp. 125

Roberts & Porter, Inc.
125 E. Oakton St.
Des Plaines, IL 60018
(312) 296-2000
Walter Mueller, V. Pres.
Emp. 190

Society for Visual Education Inc.
1345 Diverset Parkway
Chicago, IL 60614
(312) 525-1500
S. Isaacs, Pres.
Emp. 240

Williams & Meyer Co.
630 S. Sabash Ave.
Chicago, IL 60605
(312) 922-3800
Allen Stutelberg, Pres.
Emp. 150

INDIANA (8 plants)

Leiber Co., Inc., The H.
440 N. Capitol Ave.
Indianapolis, IN 46204
(317) 635-4373
John Fechtman, Pres.
Emp. 250-499

IOWA (4 plants)

Blackhawk Films, Inc.
1235 W. 5th St.
Davenport, IA 52804
(319) 323-9736
Theodore Ewing, Pres.
Emp. 51-100

Mast Development Co.
2212 E. 12th St.
Davenport, IA 52805
(319) 326-0141
Gifford Mast, Pres.
Emp. 51-100

KANSAS (8 plants)

Krconite, Inc.
715 E. 10th
Box 2099
Wichita, KS 67201
(316) 263-1111
Dwight Krehbeil, Pres.

KENTUCKY (7 plants)

Mead Masters
Div. of Mead Paper
7375 Industrial Rd.
Florence, KY 41042
(606) 371-1550
Emp. 114
R. W. VanVleck, Gen. Mgr.

Minnesota Mining & Mfg. Co.
Box 328
Cynthiana, KY 41031
(606) 234-5671
Emp. 342
Tom Boland, Plant Mgr.

United Electronics Institute
3947 Park Dr.
Louisville, KY 40216
(502) 448-8632
Emp. 81
John Douglas, Chairman
Wilson Reidinger, V.P./Oper.

LOUISIANA (2 plants)

Kalvar Corp.
907 S. Broad
New Orleans, LA 70125
(504) 822-1600
Emp. 130

MAINE (0 plants)MARYLAND (6 plants)

Belfort Instrument Co.
1600 S. Clinton St.
Baltimore, MD 21224
(301) 342-2626
Emp. 50
J. B. Reilly, Pres.

Simon, H. R. & Co.
7 Azar Industrial Center
Baltimore, MD 21227
(301) 646-2000
Emp. 38
H. Robert Simon, Pres.

MASSACHUSETTS (38 plants)

Boston Blueprint Co.
777 Boylston St.
Boston, MA 02116
(617) 267-2490
John M. Goddard, Pres.
Emp. 100

Dasa Corp. Headquarters
Corporate Hdq.
15 Stevens St.
Andover, MA 01810
(617) 475-4940
P. G. Bakshi, Dir. of Mfg.
Emp. 244

General Photo Products Co
Div of Anken Industries
330 Cole Ave
Williamstown, MA 01267
(413) 458-5761
William E. McNeil, Plant Mgr.
Emp. 100

Polaroid Corp.
549 Technology Sq.
Cambridge, MA 02139
(617) 864-6000
Lutz Alt, Chief Eng.
Emp. 10,000

Scott Graphics, Inc.
28 Gaylord St.
S. Hadley, MA 01075
(413) 536-7800
E. O. Mack, Pres.
Emp. 1000

MICHIGAN (25 plants)

BAIA Corp.
9353 Lee Rd.
Jackson, MI 49201
(517) 522-8461
Jack Tatum, Chief Eng.
Emp. 110

University Microfilm
A XEROX Co.
300 N. Zeeb Rd.
Ann Arbor, MI 48107
(313) 761-4700
James Duncan, V.Pres.Prod.
Emp. 500

MINNESOTA (26 plants)

Minnesota Mining & Mfg. Co.
3M Co.
1617 North Front St.
New Ulm, MN 56073
(507) 354-8273
Roger D. Ryberg, Plant Mgr.
Emp. 250-499

Pako Corp.
6300 Olson Mem. Hwy.
Minneapolis, MN 55440
(612) 540-6300
R.L. Galloway, Pres.
Emp. 1000-1999

MISSISSIPPI (2 plants)

School Pictures, Inc.
1610 North Mill
P.O. Drawer 570
Jackson, MS 39205
(601) 354-2361
M. Ray Curtis, Pres.
Emp. 700

MISSOURI (19 plants)

King Press, Inc.
13th & Maiden Lane
Joplin, MO 64801
(417) 781-3700
Ray Gregg, Pres.
Emp. 184

Minnesota Mining & Mfg. Co.,
Visual Prod. Div.
5400 Route B
Columbia, MO 65201
(314) 474-8521
James Weaver, Plant Mgr.
Emp. 170

MONTANA (0 plants)NEBRASKA (1 plant)

Ballantyne of Omaha Inc.
1712 Jackson
Omaha, NE 68102
(402) 342-4444
Edward J. Nelson, Pres.
Emp. 25-40

NEVADA (1 plant)NEW HAMPSHIRE (2 plants)

Nashua Corp.
44 Franklin St.
Nashua, NH 03060
(603) 880-2323
Robert Potter, Plant Eng.
Emp. 1650

NEW JERSEY (67 plants)

Agfa-Gelvaert
275 North St.
Teterboro, NJ 07608
(201) 288-4100
H. Cappuyns, C/Board
Robert A.M. Coppenrath, Pres.
Emp. 517

American Hoechst Corp.
Rte. 202-206 North
Somerville, NJ 08876
(201) 685-2000
Kurt Lanz, C/Board
John G. Brookhuis, Pres.
Emp. 9000

Berkey Photo, Inc
Div of Keystone
474 Getty Ave.
Clifton, NJ 07015
(201) 546-2800
L.B. Arnold, Pres.
J.W. Brinkerhoff, P/M
Emp. 850

Charles Beseler Co.
8 Fernwood Rd.
Florham Park, NJ 07932
(201) 822-1000
M.F. Meyers, Owner
P. Berman, Owner
Emp. 450

Compuscan, Inc.
900 Huyler St.
Teterboro, NJ 07608
(201) 288-6000
N. Steinberger, Exec.V.Pres.
M. Weiss, V.Pres.
Emp. 241

DuPont De Nemours, E.I. & Co., Inc.
Photo Products Dept.
Cheesequake Rd.
Parlin, NJ 08859
(201) 257-4600
C.Newmark, O/M
R.G. Malayca, R.G.
Emp. 1465

Dumont Oscilloscope Labs., Inc.
40 Fairfield Pl.
West Caldwell, NJ 07006
(201) 575-8666
J. Carter, Jr., Pres.
Carmin Naddec, Comp.
Emp. 150

Hunt, Philip A., Chemical Corp.
Foot of Roosevelt Place
Palisades Park, NJ 07650
(201) 944-4000
J.R. Bonniwell, Pres.
C. Belmont, V.Pres.
Emp. 250

Keystone
Div of Berkey Photo
450 Getty Ave.
Clifton, NJ 07015
(201) 546-2800
J.W. Brinkerhoff, P/M
Emp. 1000

Leifz, E., Inc.
Link Dr.
Rockleigh Industrial Park
Rockleigh, NJ 07647
(201) 767-1100
W.H. Mann, Pres.
E. Gallagher, V.Pres.
Emp. 250

Marvel Photo Co.
Div of Phillip A. Hunt Chemical Co.
111 S. Fourth St.
Harrison, NJ 07029
(201) 483-1000
Harold Edelberg, Pres.
S. Surkin, V.Pres.
Emp. 188

Testrite Instrument Co., Inc.
135 Monroe St.
Newart, NJ 07105
(201) 589-6767
Harold Rubin, Pres.
John DeVivo, V.Pres.
Emp. 100

NEW JERSEY (cont'd)

Van Dyke Research Co.
45 So. Jefferson Rd.
Whippany, NJ 07981
(201) 887-8500
Dr. Maxwell A. Pollack, Pres.
Andrew Erchak, V.Pres.
Emp. 151

West Shore Publishing, Inc.
299 West Fort Lee Rd.
Bogota, NJ 07603
(201) 489-6000
Thomas A. Redmond, C/Board
Joseph A. Pronsky, Pres.
Emp. 100

NEW MEXICO (0 plants)NEW YORK (86 plants)

Airequipt, Inc.
20 Jones
New Rochelle, NY 10802
(914) 632-3460
E. Michaels, Pres.
Emp. 388

Bae Ray Products, Inc.
209 Seventy-Fifth St.
Brooklyn, NY 11232
(390) 965-7000
Ray Lapof, Pres.
Emp. 130

Chemco Photoproducts Co.
Div of Pourers Chemco, Inc.
Charles St.
Glen Cove, NY 11542
(516) 676-4000
Frank Pourers, Jr., Pres.
Emp. 650

Dejur-Amsco Corp.
45-01 Northern Blvd.
Long Island City, NY 11106
(212) 361-8200
Max Kotler, V.Pres.
Emp. 375

Dri-Art Film Lab., Inc.
245 West 55th St.
New York NY 10019
(212) 757-4580
Paul Kaufman, Pres.
Emp. 200

Dupont, E.I.
De Nemours & Co., Inc.
666 Driving Park Ave.
P.O. Box 1009
Rochester, NY 14603
(716) 254-1100
H.J. Maroz, Controller
Emp. 715

Eastman Kodak Co.
343 State St.
Rochester, NY 14650
(716) 325-2000
Walter Fallon, Pres.
Emp. 48,200

Fairchild Federal Systems
Div of Fairchild Camera &
Instrument Corp.
300 Robbins Lane
Syosset, NY 11791
(516) 931-4500
Chris Lay, V.Pres.
Emp. 750

GAF Corp.
Equipment Mfg. Operations
Vestad Pkwy
Binghamton, NY 13903
(607) 729-6555
J. Werner, Pres.
Emp. 500

NEW YORK (cont'd)

CAF Corp.
Div of Eastman Kodak Co.
901 Elmgrove Rd.
Rochester, NY 14650
(716) 325-2000
Walter Fallon, Pres.
Emp. 12,300

Minnesota Mining & Mfg.
Photo Products Div.
1999 Mt. Read Blvd.
Rochester, NY 14615
(716) 458-2920
B.B. Wilson, Gen. Mgr.
Emp. 400

Peerless Photo Products, Inc.
Route 25-A
Shoreham, NY 11786
(516) 744-6600
W.S. Tersago, Pres.
Emp. 102

Simmon Omega
Div of Berkey Photo
25-20 Brooklyn - Queens Expway
Woodside, NY 11377
(212) 932-4040
Fredrick Simmon, Pres.
Emp. 250

Xerox Corp.
Information Technology Group
Xerox Square
Rochester, NY 14644
(716) 423-9200
Donald Lennox, Pres.
Emp. 12,700

NORTH CAROLINA (8 plants)

Colorcraft Corp.
P.O. Box 2048
Charlotte, NC 28203
(704) 372-2233
C. Ray Smith, V.Pres.

Dupont, E.I. De Nemours & Co.
Brevard Plant
P.O. Box 267
Brevard, NC 28712
(704) 885-8111
John Golden, Plant Mgr.

Fuque Industries
Colorcraft Corp.
P.O. Box 2975
Durham, NC 27705
(919) 383-5593
Nelson Strawbridge, Chairman

Interstate Graphics, Inc.
P.O. Box 9103
Charlotte, NC 28231
(704) 375-5506
Osborne Oakley, Jr., Pres.

Photo Corp. of America, Int'l
801 Crestdale St., Hwy. 51
Matthews, NC 28105
(704) unlisted
Daryl Howard, Sr. V.P. Mfg.

NORTH DAKOTA (0 plants)OHIO (24 plants)

Minnesota Mining & Mfg. Co.
11500 Williamson Rd.
Box 41268a
Cincinnati, OH 45202
(513) 791-1300
J.N. Jacksy, Plant Mgr.
Emp. 75

OKLAHOMA (7 plants)

Minnesota Mining & Mfg. Co.
Data Recording Prod. Div.
Div of 3-M Co.
P.O. Box 709
Weatherford, OK 73096
(405) 772-5501
M.L. Olsen, Plant Mgr.
Emp. 125

OKLAHOMA (cont'd)

Scott-Rice Co
SRM, Inc.
3717 S. Sheridan
P.O. Box 3285
Tulsa, OK 74119
(918) 628-1400
Daniel Smith, Pres.
Emp. 120

Xerox Corp.
Penn East Branch
1075 Virginia Drive
Fort Washington, PA 19034
(215) 643-7100
David Kerns, Pres.
Emp. 35

OREGON (6 plants)

GAF Corp.
P.O. Box 490
Portland, OR 97207
(503) 644-1181
Emp. 1100

Minnesota Mining & Mfg. Co.
8124 Pacific Ave.
White City, OR 97501
(503) 826-4511
Emp. 275

PENNSYLVANIA (26 plants)

Hills Mfg. Co. Inc.
30 S. Sand Rd.
New Britain, PA 18901
(215) 345-8590
James R. Szakacs, Exec.V.Pres.
Emp. 20

Pram, Inc.
212 5th Ave.
Wilmerding, PA 15148
(412) 824-0511
R.W. Williams, Pres.
Emp. 52

Solar Products Corp.
533 N. 11th St.
Philadelphia, PA 19102
(215) 763-0800
E.F. Campion, Pres.
Emp. 16

RHODE ISLAND (4 plants)

Richmond Graphic Systems, Inc.
123 Georgia Ave.
Providence, RI 02905
(401) 467-2552
Hush Neville, Pres.
Emp. 50

SOUTH CAROLINA (1 plant)

Carolina Gravure
P.O. Box 157
Lexington, SC 29072
(803) 356-3111
Albert R. Proffitt, Pres.
Emp. 70

SOUTH DAKOTA (0 plants)TENNESSEE (8 plants)

GTE-Sylvania Inc.
Sylvan St.
Dyersburg, TN 38024
(901) 285-4621
W.H. Powers
Emp. 841

TEXAS (34 plants)

GAF Corp.
Photo & Repro Group
2925 Ave. E East
Box 68
Arlington, TX 76010
(817) 275-4411
James A. Trebilcock, Opers. Mgr.

UTAH (2 plants)

Cordin Co.
2230 South 3270 West
Salt Lake City, UT 84119
(801) 972-5272
Emp. 25-49

VERMONT (0 plants)VIRGINIA (2 plants)

C.A. Hulcher & Co.
909 G. St.
Hampton, VA 23661
(804) 245-6190
C.A. Hulcher, Pres.
Emp. 28

Richards Corp.
1545 Spring Hill Rd.
McLean, VA 22101
(703) 893-8400
S.I. Richards, V.Pres.
Emp. 50-75

WASHINGTON (3 plants)WEST VIRGINIA (0 plants)WISCONSIN (14 plants)

La Belle Industries, Inc.
510 S. Worthington St.
P.O. Box 128
Oconomowoc, WI 53066
(414) 567-9101
H.L. Thies, V.P. Engr.
Emp. 150

Micro Design Division
of Bell & Howell Company
857 W. State St.
Hartford, WI 53027
(414) 673-3920
Thomas J. Persha, Eng. Mgr.
Emp. 350

NCR Corporation,
Systemedia Div.
365 S. Oak St.
West Salem, WI 54669
(608) 786-0300
L.G. Miles, Ch. Plant Eng.
Emp. 135

Realist Inc.
N 93 W 16288 Megal Dr.
P.O. Box 67
Menomonee Falls, WI 53051
(414) 251-8100
George W. Ganssen, Prod. Eng.
Emp. 400

WYOMING (2 plants)

2.0 ARCHITECTURAL / ENGINEERING AND CONSULTING ENGINEERING FIRMS

This chapter provides information as to engineering support available for designing Solar IPH systems. Key targets for the dissemination of information to this sector are also provided.

Section 2.1 is a state-by-state listing of architectural/engineering firms. The firms listed provide services primarily to the commercial/industrial sector. The list is representative and does not include all A/E firms in the U.S. Rather, its purpose is to provide the directory user with general information on the availability of A/E services. This listing also does not provide information as to the firms' experience with solar technology.

Section 2.2 contains a listing of firms known to have experience in designing or installing solar technology. This listing is not necessarily comprehensive. Many firms have persons with the capability to design or install solar equipment but have had no client requests for these services.

Section 2.3 lists trade associations for engineers in fields where solar IPH technology is relevant.

Section 2.4 includes a list of periodicals frequently read by engineers.

Major reference sources for this chapter were:

Million Dollar Directory, vol. 1. Dunn & Bradstreet, Inc., N.Y.,
N.Y., 1979

Standard & Poors Register of Corporations, Directors of Executives,
vol. 1. Standard & Poors Corporation, N.Y., N.Y., 1979

2.1

LOCATION

LIST

OF

FIRMS

ALABAMA

The Rust Engineering Co.
 1130 S. 22nd St.
 Birmingham, AL 35201
 (205) 254-4000
 Robert Page, Pres.
 Engineering & const. for pulp & paper, chemicals, rubber, metals,
 minerals, energy, environment, printing

CALIFORNIA

Automation Industries
 1901 Bldg Century City
 Los Angeles, CA 90067
 (213) 879-2222
 Eugene Swartz, Pres.
 Industrial products, sys. engr.

Theodore Barry & Assoc.
 1520 Wilshire Blvd.
 Los Angeles, CA 90017
 (213) 413-6080
 John Day, Pres. (A & E Div)
 Management consulting, arch. & engr. consulting

Bechtel Corp.
 50 Beale St.
 San Francisco, CA 94105
 (415) 768-1234
 Dr. Ernest Lamb, Solar Dept.
 Engr. & Const., plant operation for mining & metal industries

C.F. Braun & Co.
 1000 S. Fremont Ave.
 Alhambra, CA 91802
 (213) 570-1000
 John Braun, Chrm.
 Engr. & const. for chemical, petroleum ore proc., power industries

D.A.S. Inc.
 3724 Long Beach, CA 90807
 (213) 424-1627
 P.B. DeRosa, Pres.
 Consulting engrs. and designers

Daniel, Mann, Johnson & Mendenhall
 3250 Wilshire Blvd.
 Los Angeles, CA 90010
 (213) 381-3663
 Irvin Mendenhall, Chrm.
 Architects, engrs., planners

CALIFORNIA (cont'd)

Engineering Unltd., Inc.
 2500 E. Foothill Blvd.
 Pasadena, CA 91107
 (213) 681-2554
 William Horvath, Pres.
 Engineering services, consultants, designers

Fluor Corp. & Subsidiaries
 3333 Michelson Dr.
 Irvine, CA 92730
 (714) 975-2000
 J. Robert Fluor, Pres.
 Engr. & const. for oil, chemical, power & allied industries & mining
 and metalurgical industries

Genge Inc.
 19060 Wilshire Blvd.
 Los Angeles, CA 90024
 (213) 479-4368
 Edward Daverman, Pres.
 Planning, design, architecture & engr. services

Hobbs Bannerman Corp.
 10332 Painter Ave.
 Santa Fe Springs, CA 90670
 (213) 945-2941
 R.L. Hobbs, Pres.
 Construction - food processing plants, chem. plants, engr. of refinery
 & processing units

Holmes & Narver Inc.
 999 Town & Country Rd.
 Orange, CA 92668
 (714) 973-1100
 Morgan Greenwood, Chrm.
 Planning, design, engr., const., mgmt., oper. of projects for government &
 industry, including industrial and metalurgical plants

Impell Corp.
 220 Montgomery St.
 San Francisco, CA 94104
 (415) 421-2288
 Robert Feibusch, Pres.
 Engineering, management & financial consulting

CALIFORNIA (cont'd)

Jacobs Engineering Group, Inc.
 251 S. Lake Ave.
 Pasadena, CA 91101
 (213) 449-2171
 Joseph Jacobs, Chrm.
 Engineering & const.

Kaiser Engineers, Inc.
 300 Lakeside Dr.
 Oakland, CA 94666
 (415) 271-2211
 Henry LeMieux, Chrm.
 Engr., design & const.

M.W. Kellogg Co.
 351 California St.
 San Francisco, CA
 (415) 982-9225

Albert C. Martin & Assoc.
 445 S. Figueroa St.
 Los Angeles, CA 90071
 (213) 683-1900
 J. Edward Martin, partner
 Arch. & engr.

Occidental Engineering Co.
 2100 S.E. Main St.
 Irvine, CA 92714
 (714) 957-7600
 Nat. gas, crude oil, fertilizers & agric. chemicals, sulphur, phosphate,
 coal, industrial chem. & plastics

Ralph M. Parsons Co.
 100 W. Walnut St.
 Pasadena, CA 91124
 (213) 440-2000
 Milton Lewis, Chrm.
 Engineering, const.

A. Teichert & Son, Inc.
 3500 American Prieu Dr.
 Sacramento, CA 95813
 (916) 484-3011
 Henry Tiechert, Chrm.
 Engr. & heavy const.

CALIFORNIA (cont'd)

Tetra Tech, Inc.
 630 N. Rosemead Blvd.
 Pasadena, CA 91107
 (213) 449-6400
 Nicholas Boratynski, Pres.
 Engr. & development consultants

VTN Corp.
 P.O. Box C 19529
 Irvine, CA 92713
 (714) 833-2450
 James Trindle, Chrm.
 Engr., architects, planners

COLORADO

Stearns-Rogers, Inc.
 P.O. Box 5888
 Denver, CO 80217
 (303) 758-1122
 W.R. Lang, Special Projects Div.
 Engr. & const. plants, heavy industrial equip.

CONNECTICUT

Combustion Engineering Inc.
 900 Long Ridge Rd.
 Stamford, CT 06902
 (203) 329-8771
 Arthur Sentry, Jr., Pres.
 Broad range of energy equip, industrial processing equip.
 design & construction of petroleum, chemical & petrochemical process
 facilities

Dorr-Oliver Inc.
 Havemeyer Lane
 Stamford, CT 06904
 (203) 348-5871
 T.R. Berner, Chrm.
 Heavy processing equip. for chemical, food, pharmaceutical, oil &
 pulp & paper industries

CONNECTICUT (cont'd)

Springborn Laboratories Inc.

P.O. Box J

Enfield, CT 06082

(203) 749-8371

Robert Springborn, Pres.

Consulting engr., plastic products, microbiology/biology, toxicology

FLORIDA

Connell Metcalf & Eddy, Inc.

1320 S. Dixie Hwy.

Coral Gables, FL 33134

(305) 665-9241

Thomas Rooney, Pres.

Consulting architects and engineers

Davy Powergas, Inc.

P.O. Drawer 5000

Lakeland, FL 33803

(813) 646-7100

Gerald Smith, Chrm.

Engineers and constructors

Preston H. Haskell Co.

1061 Riverside Ave.

Jacksonville, FL 32204

(904) 358-1601

Preston Haskell, Pres.

Engr. Constr.

GEORGIA

Law Engineering Testing Co.

2600 Century Pkwy. N.E.

Atlanta, GA 30345

(404) 325-3933

Andrew Glenn III, Pres.

Professional consulting engrs.

IDAHO

Morrison-Knudsen Co., Inc.
 One Morrison-Knudsen Plaza
 Boise, ID 83729
 (208) 345-5000
 W.H. McMurren, Pres.
 Const., engr.

ILLINOIS

Abell-Howe Co.
 7747 Van Buren St.
 Forest Park, ILL 60130
 (312) 379-6300
 M.R. Haegar, Pres.
 Engr. & const.

Barnes & Reinecke Inc.
 2375 Estes Ave.
 Elk Grove Village, IL 60007
 (312) 640-7200
 J.N. Valbert, Pres.
 Design

Ragnar Benson Inc.
 4744 W. Rice St.
 Chicago, IL 60051
 (312) 378-4200
 Raymond Benson, Pres.
 Construction engrs.

DeLeuw, Cather & Co.
 165 W. Wacker Drive
 Chicago, IL 60601
 (312) 346-0424
 J.A. Caywood, Pres.
 Consulting engineering

A. Epstein & Sons International, Inc & Subsidiaries
 2011 W. Pershing Rd.
 Chicago, IL 60609
 (312) 847-6000
 Raymond Epstein, Chrm.
 Engrs., design, architecture, contracting, management service

ILLINOIS (cont'd)

Hoyer-Schlesinger-Turner Inc.
 300 W. Adams
 Chicago, IL 60606
 (312) 263-0556
 William Hoyer, Pres.
 Engr. & const. for process, chemical & material handling industries

30 UOP Plaza
 Des Plaines, IL 60016
 (312) 391-3700
 Wilbur White, Pres.
 Engr. & const. of industrial plants, including petroleum refineries,
 petrochemical & chemical plants & gas processing facilities

Pullman Inc.
 200 S. Michigan Ave.
 Chicago, IL 60604
 (312) 322-7070
 Samuel Casey, Jr., Pres.
 Design & const. petroleum refineries, petrochemical & chemical
 process units, fertilizer facilities & ceramic & metallurgical plants

Roberts & Schaefer Co.
 120 S. Riverside Plaza
 Chicago, IL 60606
 (312) 236-7292
 Richard Miller, Jr., Pres.
 Engineers, contractors

UOP Inc.
 Ten UOP Plaza
 Des Plaines, IL 60016
 (312) 391-2000
 James Crawford, Pres.
 Engr., maintenance, constr. services, industrial chemicals, aroma
 chemicals, plastic laminates etc.

IOWA

Stanley Consultants, Inc.
 Stanley Bldg.
 Muscatine, IA 52761
 (319) 264-6600
 C. Maxwell Stanley, Chrm.
 International consultants in engr., architecture, planning

IOWA (cont'd)

Weitz Co., Inc.
 800 Second Ave.
 Des Moines, IA 50309
 (515) 245-7600
 Fred Weitz, Pres.
 Industrial & coml. bldg. contracts; engr. services

KENTUCKY

C & I/Girdler Inc.
 1721 S. 7th St.
 Louisville, KY 40208
 (502) 637-8701

Mason & Hanger - Silas Mason Co.
 200 West Vine St.
 Lexington, KY 40507
 (606) 252-4421
 Robert Jewell, Pres.
 Industrial management, design engineering

MARYLAND

Easco Corp.
 201 N. Charles St.
 Baltimore, MD 21201
 (301) 837-9550
 Richard Sullivan, Pres.
 Engineering and architectural services in plant design & const.

Kidde Consultants, Inc.
 1020 Cromwell Bridge Rd.
 Baltimore, MD 21204
 (301) 321-5500
 Robert Gable, Pres.
 Arch. engr.

Trident Engr. Assoc. Inc.
 48 Maryland Ave.
 Annapolis, MD 21401
 (310) 267-8128
 Dr. James Fox, Pres.

MARYLAND (cont'd)

Whiting-Turner Contracting Co.
 300 E. Joppa Rd.
 Baltimore, MD 21204
 (301) 821-1100
 Willard Hackerman, Pres.
 Const., engr.

MASSACHUSETTS

Anderson-Nichols & Co.
 150 Causeway St.
 Boston, MA 02114
 (617) 742-3400
 Charles Dudinski, Pres.
 Engr., arch.

Badger Energy Inc.
 1 Broadway
 Cambridge, MA 02142
 (617) 494-7000
 Phil Seaver, Pres.
 Petro. & chem. engr.

Fay, Spofford & Shoindike, Inc.
 One Beacon St.
 Boston, MA 02108
 (617) 523-8300
 Fozzi Cahaly, Pres.
 Consulting engrs.

Chas. T. Main, Inc.
 Prudential Center
 Boston, MA 02199
 (617) 262-3200
 W. Hall, Chrm.
 Professional engr.

Mitre Corp.
 Burlington Rd.
 Bedford, MA 01730
 (617) 271-2000
 Robert Everett, Pres.
 System engr., research & develop.

MASSACHUSETTS (cont'd)

Stone & Webster Engineering
 245 Summer St.
 Boston, MA 02210
 (619) 973-5111

MICHIGAN

Aero-Detroit Inc.
 11717 Republic St.
 Oak Park, MI 8237
 (313) 541-5270
 Philip Munn, Pres.
 Engr. services

Commonwealth Associates, Inc.
 209 E. Washington Ave.
 Jackson, MI 49201
 (517) 788-3000
 J.R. Stroudt, Pres.
 Consulting & design engineers & architects

Cunningham-Limp Co.
 1400 N. Woodward
 Birmingham, MI 48011
 (313) 647-6600
 Marcus Cunningham, Pres.
 Designers, engrs., builders

Efficient Engineers Co.
 21680 Coolidge Hwy.
 Detroit, MI 48237
 (313) 566-4690
 Simon Baer, Pres.
 Industrial engrs., consultants and designers

Ellis/Naeyaert/Genheimer Associates, Inc.
 3270 W. Big Beaver
 Troy, MI 48084
 (313) 649-2000
 Roger Naeyaert, Chrm.
 Architects, engrs., consultants for educ., coml. industrial &
 public bldgs.

MICHIGAN (cont'd)

Giffels Associates, Inc.
 25200 Telegraph Rd.
 Southfield, MI 48037
 (313) 355-4600
 Alfred Entenman, Jr., Pres.
 Architects, engrs., planners of ind., coml. bldgs.

Harley Ellington Pierce Yee Associates
 26111 Evergreen Rd.
 Southfield, MI 48076
 (313) 354-0300
 Paul Brown, Exec. Partner
 Arch. & engr. services

Hoad Engineers Inc.
 1159 E. Michigan Ave.
 Ypsilanti, MI 48197
 (313) 482-0920
 John Hoad, Pres.
 Consulting engrs. & architects

Albert Kahn Assoc. Inc., Architects & Engineers
 New Center Bldg.
 Detroit, MI 48202
 (313) 871-8500
 David Shahan, Pres.
 Arch. & engr. services for industrial, commercial & institutional bldgs.

Smith Hinchman Grylls Associates, Inc.
 455 W. Ft. St.
 Detroit, MI 48226
 (313) 964-3000
 Phillip Meathe, Pres.
 Architecture, engr., planning

MINNESOTA

Ralph D. Thomas & Assoc., Inc.
 9 N. 4th St.
 Minneapolis, MN 55401
 (612) 339-4593
 T.A. Hammond, Chrm.
 Consulting engrs.

MISSOURI

Fruin-Colnon Corp.
 1706 Olive St.
 St. Louis, MO 63103
 (314) 436-5500
 W.L. Hunt, Pres.
 Contractors, engrs., constructors

Marshall & Brown Inc.
 2400 Pershing Rd.
 Kansas City, MO 64108
 (816) 421-2400
 Charles Campbell, Chrm.
 Architects & engineers

J.F. Pritchard and Co.
 4625 Roanoke Parkway
 Kansas City, MO 64112
 (816) 531-9500
 Edgar Oliphant, Jr., Pres.
 Design, engr. & plant constr. in power, chemical, petroleum &
 natural gas industries

Sverdrup Corp.
 800 North 12th Blvd.
 St. Louis, MO 63101
 (314) 436-7600
 R.C. West, Pres.
 Professional engr, arch., planning & const.

NEBRASKA

Henningson Durham Richardson, Inc.
 8404 Indian Hills Dr.
 Omaha, NE 68114
 (402) 399-1000
 Robert Krohn, Pres.
 Architecture, engr., sys. plan. & ecosciences

Kirkham, Michael & Assoc., Inc.
 9110 W. Dodge Rd.
 Omaha, NE 68114
 (402) 393-5630
 Billy Michael, Pres.
 Consulting engrs. & architects

NEVADA

Chilton Engineering
 1570 Linda Way
 Sparks, NV 89431
 (702) 331-2277
 Mark Chilton, Pres.

NEW HAMPSHIRE

Naleus, Inc.
 Rte. 11 & Airport Rd.
 Laconia, NH 03246
 (603) 524-9000
 Philip Swett, Pres.
 Engr., constr. process plants, ind. & mun. waste treatment facilities

Wheelabrator Frye Inc.
 Liberty Lane
 Hampton, NH 03842
 (603) 926-5911
 Michael Dingman, Pres.
 Industrial plant design & const.

NEW JERSEY

A & E Builders & Developers
 316 Route 9
 Bayville, NJ 08721
 (201) 367-8600
 Paul Wechslee, Pres.
 Design/Construction
 Distributor of solar products

AER Corp.
 100 Hilltop Rd.
 Ramsey, NJ 02446
 (201) 327-5700
 William Metcalfe, Pres.

Allstates Design & Development Co.
 367 Pennington Ave.
 Trenton, NJ 08607
 (609) 989-8484
 Charles Jester, Jr., Pres.
 Engr., designing

NEW JERSEY (cont'd)

Bell Telephone Laboratories Inc.
 600 Mountain Ave.
 Murray Hill, NJ 07974
 (201) 582-3000
 William Baker
 Scientific research, engr., development & design

Brown & Mathews, Inc.
 25 Commerce Dr.
 Cranford, NJ 07016
 (201) 272-7400
 William Meister, Pres.
 Design, engr., constr.

Burns & Roe Inc.
 550 Kinderkamack Rd.
 Oradell, NJ 07649
 (201) 265-2000
 John Willsen
 Consulting engr.

Exxon Research and Engineering Co.
 P.O. Box 101
 Florham Park, NJ 07932
 (201) 474-0100
 Edward David, Jr., Pres.
 Petroleum and chemicals research and engineering

Industrial Process Engineers
 8 Lister Ave.
 Newark, NJ 07105
 (201) 589-4400
 Stephen Woodward, V.Pres.
 Process equip. for chem. power & petro. industries

C-E Lummus
 1515 Broad St.
 Bloomfield, NJ 07003
 (201) 893-1515
 Maurice Brooks, Pres.
 Engr. & const.

Nichols Engineering & Research Corp.
 Homestead & Willon Rds.
 Belle Mead, NJ 08502
 (201) 359-8200
 William Roberts, Pres.
 High temp. thermal process equip. for industrial applications

NEW JERSEY (cont'd)

Research-Cottrell, Inc.
 P.O. Box 1500
 Somerville, NJ 08876
 (201) 685-4000
 John Schark, Chrm.
 Engr. & consulting services

Robins Engineers & Constructors
 711 Union Blvd
 Totowa, NJ 07511
 (201) 256-7600
 John Cerack, Pres.
 Consulting, design & constr. of bulk material handling systems

Science Management Corp.
 Fellowship Rd.
 Moorestown, NJ 08057
 (609) 235-9200
 James Skidmore, Pres.
 Management consulting & engr. industrial engr., consulting services,
 petroleum & chem. plant const.

Superior Air Products Co.
 2001 Jernee Mill Rd.
 Sayrevilk, NJ 08872
 (201) 238-1900
 Laurel Putman, Pres.
 Engr. & fabrication of process plant

Wigton-Abbott Corp.
 1225 South Ave.
 Plainfield, NJ 07061
 (201) 757-8000
 C.B. Wigton, Jr., Pres.
 Design & construction, industrial & chemical structures, including
 process design & equip. installation

NEW YORK

Chemical Construction Corp.
 One Penn Plaza
 New York, NY 10001
 (212) 239-5100
 E.R. Roberts, Chrm. & Chief Exec. Officer
 Engr. design and construction of chemical processing plants

Gibbs and Hill, Inc.
 393 Seventh Ave.
 New York, NY 10001
 (212) 760-4000
 Peter Smith, Pres.
 Consulting engrs., architects, designers & constructors

NEW YORK (cont'd)

Heyward-Robinson Co., Inc.
 100 Church St.
 New York, NY 10007
 (212) 964-7566
 Bernard Goodman, Pres.
 Engrs. & builders of chem. process plants & ind. bldgs.

Walter Kidde Engineers International, Inc.
 One Penn Plaza
 New York, NY 10001
 (212) 868-1610
 D.R. Miller, Pres.
 Engineers & builders of ind. plants, coml. bldgs.

Parsons, Brinckerhoff, Quade & Douglas Inc.
 250 W. 34th St.
 New York, NY 10001
 (212) 239-7900
 Henry Michel, Pres.
 Engr., architectural planning, designing

Pope, Evans and Robbins, Inc.
 1133 Ave of the Americas
 New York, NY 10036
 (212) 730-5888
 Joseph Robbins, Pres.
 Consulting engrs.

Sanderson & Porter, Inc.
 25 Broadway
 New York, NY 10004
 (212) 344-5550
 H.M. Stein, V.Pres.
 Engineering & constr.

Sargent-Webster-Crenshaw & Folley
 2112 Erie Blvd.E.
 Syracuse, NY 13224
 (315) 472-3361
 Darrel Rippeteau, Partner
 Arch. & engr. design

Schumacher & Forelle, Inc.
 560 Northern Blvd.
 Great Neck, NY 11021
 (516) 482-8730
 Conrad Forelle, Chrm.
 Planning engineering const.

NEW YORK (cont'd)

Seelye Stevenson Valve & Knecht, Inc.
 99 Park Ave.
 New York, NY 10016
 (212) 867-4000
 Charles Defendorf, Chrm.
 Consulting engineering (including industrial)

Singmaster & Breyer
 100 Park Ave.
 New York, NY 10016
 (212) 889-8700
 R.F. Clark, Partner
 Chemical & metallurgical engrs., consultation & design & construction supervision

Stebbins Engineering & Mfg. Co.
 363 Eastern Blvd.
 Watertown, NY 13601
 (315) 782-3000
 W.G. Grab, Chrm.
 Engr., construction

Tippetts-Abbett-McCarthy-Stratton
 345 Park Ave.
 New York, NY 10022
 (212) 755-2000
 John Lowe, III, Partner
 Consulting engrs. & architects

Treadwell Corp.
 1700 Broadway
 New York, NY 10019
 (212) 262-3100
 Robert Spitzer, Pres.
 Special equipment for ferrous & non-ferrous industries, construction work & engineering & complete chlorine plants

Walter Kidde Constructors, Inc.
 One Penn Plaza
 New York, NY 10001
 (212) 868-1610
 A.M. Kinney, Jr., Chrm.
 Engr. & builders of industrial plants and coml. bldgs.

NORTH CAROLINA

Beaman Corp.
 P.O. Box 21687
 Greensboro, NC 27420
 (919) 275-2521
 Bruce Beaman, Pres.
 Design & engr.

Midrex Corp.
 One NCNB Plaza
 Charlotte, NC 28280
 (704) 373-1600
 Eckart Goette, Pres.
 Engr. & constr., devel. of supply of heat processing techniques for
 industrial applications

OHIO

Aedes Associates
 Chester Square Towers
 Cincinnati, OH 45245
 (513) 782-4567
 Robert Giesse, Pres.
 Architectural & engr. services

The Austin Co.
 3650 Mayfield Rd.
 Cleveland, OH 44121
 (216) 382-6600
 Charles Shirk, Pres.
 Industrial, process & commercial builders & engrs.

Bentley & Sons Co.
 201 Belmont Ave.
 Toledo, OH 43602
 (419) 244-5561
 T. Bentley, Pres.
 Construction engrs.

Continental Consultants, Inc.
 4th & Ludlow
 Dayton, OH 45402
 (513) 222-8626
 Eugene Folkerth, Pres.
 Industrial and manuf. engineering

OHIO (cont'd)

Harco Corp.
 1055 W. Smith Rd.
 Medina, OH 44256
 (216) 725-6681
 Clarke Bearden, Chrm.
 Consulting, engr. & system installation

A.M.Kinney Inc.
 2900 Vernon Pl.
 Cincinnati, OH 45219
 (513) 281-2900
 A.M.Kinney, Jr., Chrm.
 Consulting engrs.

The McKee Corp.
 6200 Oak Tree Blvd.
 Cleveland, OH 44131
 (216) 524-9300
 Richard Widman, Pres.
 Engr. & constr. services for projects in proc. industries including
 petroleum, chemicals, non-ferrous metals, mining, minerals, iron,
 steel, food, pharm., synthetic fuels, coal and natural gas

Nesco Inc.
 19200 Villaview Rd.
 Cleveland, OH 44119
 (216) 481-6500
 Robert Tomsich, Pres.
 Engr. services

Pedco
 Chester Rd. Towers
 Cincinnati, OH 45246
 (513) 782-4500
 Robert Giesse, Pres.
 Design & engr. of chemical, food, pharm, fertilizer, petrochemical
 and hard goods plants

OKLAHOMA

Benham-Blair & Affiliates Inc.
 1200 NW 63rd St.
 Oklahoma City, OK 73120
 (405) 848-6631
 Allen Poppino, Pres.
 Arch. & engr.

PENNSYLVANIA

B Asco Associates
 611 W. Market
 York, PA 17405
 (717) 843-3854
 Richard Shield, Pres.
 Arch., engr., planning

Ballinger
 841 Chestnut St.
 Philadelphia, PA 19107
 (215) 629-0900
 Louis de Moll, Chrm.
 Planning, architecture, engr.

Michael Baker Corp.
 4301 Dutch Ridge Rd.
 P.O. Box 280
 Beaver, PA 15009
 (412) 495-7711
 R.L. Shaw, Pres.

CDI Corp.
 5 Penn Center Plaza
 Philadelphia, PA 19103
 (215) 569-2200
 Walter Garrison, Pres.

Catalytic Inc.
 1500 Market St.
 Philadelphia, PA 19102
 (215) 864-8000
 Richard Klopp, Pres.
 Engineering, construction, maintainence and management in chemical, petrochemical, synthetic fiber and plastic, food, pharmaceutical, metallurgical industry

Clermont Engineering Co.
 1300 N. Ninth St.
 Philadelphia, PA 19122
 (215) 232-1300
 Don Dorfman, Pres.
 Fabrication and installation of chemical and food processing plants

Day & Zimmerman, Inc.
 1818 Market St.
 Philadelphia, PA 19103
 (215) 299-8000
 Harry Peeks, Pres.
 Engineering, design etc.

PENNSYLVANIA (cont'd)

Dravo Corp.

One Oliver Plaza

Pittsburgh, PA 15222

(412) 566-3000

Robert Deckey, III, Pres.

Processing plants and facilities for the iron and steel, non-ferrous, coal, paper & pulp, chemical, food & petrochemical industries; consulting engineering

Frazier-Simplex Inc.

P.O. Box 493

Washington, PA 15301

(412) 225-1100

J. Earl Frazier, Pres.

Contracting & consulting engr. for glass and steel industries

Gilbert Associates, Inc.

525 Lancaster Ave.

Reading, PA 19603

(215) 775-2600

James Stoudt, Pres.

Engrs. & consultants

Henkels & McCoy, Inc.

Jolly Rd.

Blue Bell, PA 19422

(215) 646-8000

Paul Henkels, Pres.

Communication engr. & industrial construction

L. Robert Kimball, Consulting Engineers

615 W. Highland Ave.

Ebensburg, PA 15931

(814) 472-7700

L. Robert Kimball, Pres.

Peter Loftus Corp.

Chamber of Commerce Bldg.

Pittsburgh, PA 15219

(412) 391-2280

William McAleer, Pres.

Engineering Consultants

PENNSYLVANIA (cont'd)

Master Engineers Corp.
 951 Penn Ave.
 Pittsburgh, PA 15222
 (412) 281-0600
 Claud Lafon, Jr., Pres.
 Engr. & const. services for aluminum, steel, utilities, chemical
 plants, mining

R.S. Noonan, Inc.
 50 N. Duke St.
 York, PA 17405
 (714) 854-7824
 John Gohn, Jr., Pres.
 General const. industrial, housing, coml. projects

Pullman Swirdel
 441 Smithfield St.
 Pittsburgh, PA 15222
 (412) 562-7000
 Harvey Trillj, Pres.
 Engr. & const. of plants and installation for steel, aluminum,
 other non-ferrous metal & ceramic industries

Rockwell International
 600 Grant St.
 Pittsburgh, PA 15219
 (412) 565-2000
 W.F. Rockwell, Jr., Chrm.

Sanders & Thomas, Inc.
 Griffith Towers
 Pottstown, PA 19464
 (215) 326-4600
 Alan Richter, Pres.
 Consulting engrs.

SOUTH CAROLINA

Daniel International Corp.
 Daniel Bldg.
 Greenville, SC 29602
 (803) 298-2500
 Buck Mickel, Pres.
 Engineering & construction: power plants, industrial & coml. bldgs.

SOUTH CAROLINA (cont'd)

J.E. Sirrine Co.
 216 S. Pleasantburg Dr.
 Greenville, SC 29606
 (803) 298-6000
 M.M. Stokley, Chrm.
 Engineering & architecture

TENNESSEE

ARO Inc.
 101 W. Lincoln St.
 Tullahoma, TN 37388
 (615) 455-6400
 E.M. Dougherty, Pres.

Forcum-Pannom Assoc., Inc.
 313 Cedar St.
 Dyersburg, TN 38024
 (901) 285-6503
 Edward Larrom, Pres.
 Constr. & engr.

TEXAS

Bovoy Engineers, Inc.
 5009 Caroline St.
 Houston, TX 77004
 (713) 529-4921
 Charles Lawler, Pres.
 Consulting engr.

Brown & Root Inc.
 4100 Clinton Dr.
 Houston, TX 77020
 (713) 672-3011
 Harry Austin, Exec.V.Pres.
 Engr. & const.

CRS Design Associates Inc.
 1160 Milam St.
 Houston, TX 77002
 (713) 658-9511
 Thomas Bullock, Chrm.

TEXAS (cont'd)

Elcor Corp.
 Wilco Bldg.
 Midland, TX 79701
 (915) 683-4271
 Roy Campbell, Pres.
 Engineers and constructs processing facilities for the energy,
 chemical and mining industries

Fish Engineering & Construction, Inc.
 5051 Post Oak
 Houston, TX 77027
 (713) 621-8300
 Curtis Ames, Chrm.
 Engr. & const. for oil, gas & petrochemical industry

Foster Wheeler Energy Corp.
 Houston Engineering Center
 3535 Sage Rd.
 Houston, TX 77056
 (713) 622-7100
 Edmund Gilman, V.Pres.

Halliburton Co.
 3211 Southland Center
 Dallas, TX 75201
 (214) 748-7261
 John Harbin, Pres.
 Oilfield service products & specialties

Howe-Baker Engineers, Inc.
 3102 E. Fifth St.
 Tyler, TX 75710
 (214) 597-0311
 Carl Bachon, Pres.
 Engr. fabrication & erection of process plants

International Systems & Controls Corp.
 2727 Allen Pkwy.
 Houston, TX 77019
 (713) 526-5461
 J.T. Kenneally
 Grain, food, pulp & paper, fibre board, chemical & petrochemical
 processing engineering

Bernard Johnson Inc.
 5050 Westheimer
 Houston, TX 77056
 (713) 622-1400
 Bernard Johnson, Pres.
 Architecture - engr.

TEXAS (cont'd)

King-Wilkinson Inc.
 3701 Kirby Dr.
 Houston, TX 77006
 (713) 529-4411
 Robert King, Pres.
 Project mgt. & design engr. of petrochemical complexes, refineries,
 gas-oil separation plants & fertilizer plants

The Litwin Corp.
 2300 West Loop
 Houston, TX 77027
 (713) 627-7000
 Ralph Bradley, Pres.
 Design, engr. & const. of chemical and petrochemical facilities

Olsen, Inc.
 P.O. Box 36347
 Houston, TX 77036
 (713) 661-0505
 M.F. Ward, Pres.
 Engr., heavy construction

Pipe Line Technologists Inc.
 5251 Westheimer
 Houston, TX 77056
 (713) 622-3456
 Herbert Fisher, Chrm.
 Design engr.

Orloff International Corp.
 5100 Westheimer
 Houston, TX 77027
 (713) 629-7650
 W.L. Barnes, Pres.
 Engr. for petro., nat. gas and petrochemical industries

Pona Engineers, Inc.
 8 Chelsea Pl.
 Houston, TX 77006
 (713) 526-2788
 C. Shults Faulkner, Pres.
 Design & const. of process plants in oil, gas, and chemical industry

TEXAS (cont'd)

Process Systems International Inc.
 3102 E. Fifth St.
 Tyler, TX 75710
 (214) 597-0311
 Issam Fares, Chrm.
 Engr., fabrication & erection of process plants

Pullman Kellog
 Three Greenway Plaza East
 Houston, TX 77046
 (713) 960-2000
 Clark Latten, Jr., Pres.
 International research, engr. & const. company which designs and
 builds petroleum refineries, petrochemical and chem. process units,
 fertilizer and power facilities and cement and minerals processing
 plants

Raymond International Inc.
 2801 South Post Oak Rd.
 Houston, TX 77027
 (713) 623-1500
 Henry LeMieux, Pres. & Chrm.
 Heavy const. engr. services, concrete products

SIP Inc.
 9920 Gulf Freeway
 Houston, TX 77034
 (713) 946-9040
 I.J. Blanco, Pres.
 Engr., design, const.

Tellepsen Const. Co.
 P.O. Box 2536
 Houston, TX 77001
 (713) 923-9331
 H.T. Tellepsen, Chrm.
 Engr. & const.

3 D/International
 1700 Post Oak Tower
 Houston, TX 77056
 (713) 621-9400
 J.V. Neuhaus, III, Pres.
 Arch. & engr. design & const. management

TEXAS (cont'd)

Turner, Collie & Braden Inc.
 5757 Woodway
 Houston, TX 77019
 (713) 780-4100
 Robert Collie, Chrm.
 Engr., planning, construction

Weatherly Engineering Co.
 5615 Richmond Ave.
 Houston, TX 77057
 (713) 781-0770
 Kenneth Watler, Pres.
 Engr., fabrication & const.

VIRGINIA

Tidewater Construction Corp.
 P.O. Box 57
 Norfolk, VA 23501
 (804) 420-4120
 Lloyd Noland, Jr., Chrm.
 Engr. & contractors on heavy & industrial const.

Value Engineering Co.
 2550 Huntington Ave.
 Alexandria, VA 22303
 (703) 960-4600
 John Tooney, Pres.
 Engr., consulting & related services

WASHINGTON, DC

Trans-Asia Engineering Assoc.
 537 Washington Bldg.
 Washington, DC 20005
 (602) 783-2470
 Edward Evansen, Chrm.
 Arch. & engr. services

WASHINGTON

Lewis Refrigeration Co.
 16219 Woodinville - Redmond Rd.
 Woodinville, WA 98072
 (206) 486-3261
 S.J. Sinclair, Pres.
 Industrial refrigeration contracting (engineering, design, manuf.)

WISCONSIN

Klug & Smith Co.
4425 W. Mitchell St.
Milwaukee, WI 53214
(414) 383-6100
W.H. Emory, Chrm.
Heavy Ind. constr. & consulting engr.

2.2

ARCHITECTS,
ENGINEERS
and
CONSULTING ENGINEERS
with
SOLAR
EXPERTISE

A.T. Kearney, Inc.
100 South Wacker Drive
Chicago, IL 60606
(312) 782-2868
Ronald Smith, Associate

Badger Energy Inc.
1 Broadway
Cambridge, MA 02142
(617) 494-7000
Phil Seaver, Pres.

Bechtel Corp.
P.O. Box 3965
San Francisco, CA 94119
(415) 768-1234
Ernest Lam, Solar Technology, Supervisor

Black and Veatch
P.O. Box 8405
Kansas City, MO 64114
(913) 967-3399
John Suptic, Project Eng.

Brown & Root Co
Subsidiary of Halliburton Co.
4100 Clinton St.
Houston, TX 77020
(713) 672-3011
Thomas Seehan, Pres.

Burns & Roe, Inc.
550 Kinderkamack Road
Oradell, NY 07649
(201) 265-2000
John Willsen

CH2M Hill
1500 114th Ave. S.E.
Bellvue, WA 98004
(206) 453-5000

The Cadre Corp.
P.O. Box 47837
Atlanta, GA 30362
(404) 458-9521
Donald D. Battles, Mgr.

Chilton Engineering
1570 Linda Way
Sparks, NV 89431
(702) 331-2277
Mark Chilton, Pres.

Daily & Associates - Engineers, Inc.
816 Dennison Drive
Champaign, IL 61820
(214) 352-4169
Larry Johnsen

Daniel Engineers, Div. of Daniel International Corp.
Daniel Bldg.
5th Floor
Greenville, SC 29602
(803) 298-2865
Joseph Sitko, Process Eng.

Davy Power Gas
Subsidiary of Davy International Inc.
4713 New Mulberry Hwy.
Lakeland, FL 33803
(813) 656-7100
Director Industrial Projects

Halliburton Co.
3211 Southland Center
Dallas, TX 75201
(214) 748-7261
John Harbin, Pres.

Industrial Solar Associates
Florissant, MO 63031
(314) 921-5029
Dr. Urin Murray

Industrial Systems, Inc.
San Antonio, TX 78205
(512) 736-2201

J.P. Stevens & Company, Inc.
141 Lanza Ave.
Garfield, NJ 07026
(201) 772-7100
Dr. Ildo Ponsa, Director Technical Center

Jacobs-Del Solar Systems
251 T
South Lake Ave.
Pasadena, CA 91101
Noel Watson, Pres.

John W. Sterling & Associates/Engineers
3003 Island Crest Way
Mercer Island, WA 90840
(206) 232-5808
John Sterling

M.W. Kellog Co.
Div of Pullman Inc.
351 California St.
San Francisco, CA 94101
(415) 982-9225

Monument Energy Corp.
P.O. Box 1476
Lovington, NM 88260
(505) 396-5888

National Energy Management Systems
2601 Davie Blvd.
Ft. Lauderdale, FL 33312
(305) 791-3262
Bernard Anulies, Consultant

North Country Engineers
Main Street
Saudy Creek, NY 13145
(315) 387-3411
Daniel French, Owner

Occidental Engineering Co.
Subsidiary of Occidental Petroleum Corp.
2100 S.E. Main St.
Irvine, CA 92664
(714) 957-7600

Ralph M. Parsons, Co.
100 W. Walnut St.
Pasadena, CA 91109
(213) 440-2000

Roy F. Weston, Inc.
Weston Way
West Center, PA 19380
(215) 692-3030
A.W. Hogeland, Mgr., Energy Dept.

Rutherford Associates
P.O. Box 664
Center Bldg
Marion, VA 24354
(703) 783-3521
J.P. Rutherford, Pres.

Schneider Consulting Eng.
98 Vanadium Rd.
Bridgeville, PA 15017
(412) 563-6100
Jeffrey Pierce, V.Pres.

Solar Energy Consultants, Inc.
P.O. Box 2554
North Canton, OH 44720
(216) 494-6694
Wesley Shaw, V.Pres.

Stearns-Rogers Inc.
4500 Cherry Creek Drive
Denver, CO 80217
(303) 758-1122
W.R. Lang, Special Projects Div.

Stone, Webster Engineering
Subsidiary of Stone, Webster Inc.
245 Summer St.
Boston, MA 02210
(619) 973-5111
Director Industrial Projects

Surry Solar Services
249 Hickory St.
Mt. Airy, NC 27630
(919) 786-2953
Jimmy B. Barber, Engineer

TRW, Inc.
Energy Systems Group
1 Space Park
Redondo Beach, CA 90278
(213) 535-4321

Teledyne Brown Engineering
Cummings Research Park
Huntsville, AL 35807
(205) 536-4455
G. R. Guinn

Trident Engr. Assoc. Inc.
48 Maryland Ave.
Annapolis, MD 21401
(301) 267-8128
Dr. James H. Fox, Pres.

2.3

TRADE
ASSOCIATIONS
and
PUBLICATIONS
for
ENGINEERS

American Institute of Architects
 1735 New York Ave. N.W.
 Washington, DC 20006
 (202) 785-7264
 David Olanmeeker, Jr., Exec.V.Pres.
 Members: 26,000
 Publications: AIA Journal, monthly

American Institute of Building Design
 Arden Business Center
 2730 Arden Way
 Suite 138
 Sacramento, CA 95825
 (916) 483-2423
 Maria Ricciardelli, Exec.Sec.
 Members: 365
 Publications: Professional Designer Newsletter

American Institute of Industrial Engineers
 25 Technology Park
 Atlanta, Norcross, GA 30092
 (404) 449-0460
 David L. Belden, Exec.Dir.
 Members: 30,000
 Publications: Industrial Engineering, monthly
 The Engineering Economist, quarterly
 Transactions: Industrial Engineering Research & Development

American Institute of Plant Engineers
 3975 Erie Ave.
 Cincinnati, OH 45208
 (513) 321-9412
 Milton Tatter, Exec.Dir.
 Members: 8200
 Publications: Newsletter, 8/year
 Journal, quarterly
 Annual Proceedings

American Society of Civil Engineers
 345 E. 47th St.
 New York, NY 10017
 (212) 644-7496
 Eugene Zwoyer, Exec.Dir.
 Members: 77,000
 Publications: Civil Engineering (magazine), monthly
 News, monthly
 Publications Abstracts, bimonthly
 Transactions, annual

American Society of Heating, Refrigerating and Air-Conditioning Engineers
 United Engineering Center
 345 E. 47th St.
 New York, NY 10017
 (212) 644-7940
 A.T. Boggs, V.Pres.
 Members: 33,000
 Publications: Journal, monthly
 Handbook, annual
 Transactions, annual

American Society of Mechanical Engineers
 345 E. 47th St.
 New York, NY 10017
 (212) 644-7722
 Dr. Rogers B. Finch, Exec.Dir.&Sec.
 Members: 76,000
 Publications: Applied Mechanics Reviews, monthly
 Mechanical Engineering, monthly
 Transactions, quarterly

Association of Energy Engineers
 464 Armour Circle, N.E.
 Atlanta, GA 30324
 (404) 874-8188
 Albert Shumann, P.E., Exec. Dir.
 Members: 750

Engineers Joint Council
 345 E. 47th St.
 New York, NY 10017
 (212) 644-7850
 Carl Frey, Exec.Dir.
 Members: 50,000
 Publications: Manpower Bulletin

Industrial Association of Production Engineers
 P.O. Box 306
 Highland Park, IL 60035
 William Kahn, Exec.V.Pres.
 Members: unavailable

International District Heating Association
 5940 Baum St.
 Pittsburgh, PA 15206
 (412) 362-1311
 Roberta Hauser, Exec. Dir.
 Members: 700
 Publications: District Heating, quarterly
 Principals of Economic Heating
 Urwin's Chart for Measuring Steam Flow in Piping

National Industrial Council
1776 F. St. N.W.
Washington, DC 20006
(202) 331-3700
Tom Haley, Director
Organizations: 300

National Society of Professional Engineers
2029 K Street, N.W.
Washington, DC 20006
(202) 331-7020
Paul H. Robbins, Exec.Dir.
Members: 76,000
Publications: Professional Engineer, monthly

Society of Manufacturing Engineers
P.O. Box 930
Dearborn, MI 48128
(313) 271-1500
R. William Taylor, Exec.V.Pres.
Members: 47,000
Publications: Manufacturing Engineering, monthly
SME Newsletter, quarterly
Manufacturing Engineering Transactions, annual

Standards Engineering Society
6700 Penn Ave., S.
Minneapolis, MN 55423
(612) 861-4990
Members: 750
Publications: Standards Engineering, bimonthly

2.4

ENGINEERING

PERIODICALS

APCA Journal of the Air Pollution Control Association,
 4400 Fifth Avenue, Pittsburgh, PA 15213.
 Total circulation: 9,513

ASHRAE Journal, American Society of Heating, Refrigerating, and
Air-Conditioning Engineers, Inc., 345 E. 47th Street, New York,
NY 10017
 Total circulation: 36,278

Asphalt News, The Asphalt Institute, The Asphalt Institute Building,
College Park, MD 20740

Automotive Engineering, Society of Automotive Engineers,
400 Commonwealth Drive, Warrendale, PA 15096
 Total circulation: 33,358

Baker's Digest, Siebel Publishing Company, 4049 W. Peterson Avenue,
Chicago, IL 60646
 Total circulation: 6,877

Chemical Engineering, McGraw-Hill, Inc., 1221 Avenue of the Americas,
New York, NY 10020
 Total circulation: 68,086

Chemical and Engineering News, 1155 16th Street, N.W., Washington, DC
20036
 Total circulation: 120,170

Consulting Engineer, Technical Publishing Company, 1301 South Grove
Avenue, Barrington, IL 60010
 Total circulation: 30,316

Electrical World, McGraw-Hill, Inc., 1221 Avenue of the Americas,
New York, NY 10020
 Total circulation: 26,217

Engineering News-Record, McGraw-Hill, Inc., 1221 Avenue of the Americas,
New York, NY 10020
 Total circulation: 101,686

Food Engineering, Chilton Company, Chilton Way, Radnor, PA 19089
 Total circulation: 48,593

Forest Industries, Miller Freeman Publications, 500 Howard Street,
San Francisco, CA 94105
Total circulation: 24,967

Foundry Management and Technology, Penton/IPC, Penton Plaza,
Cleveland, OH 44114
Total circulation: 28,374

Glass Industry, Magazines for Industry, Inc., 777 Third Avenue,
New York, NY 10017
Total circulation: 3,060

Heating / Piping / Air Conditioning, Reinhold Publishing Co.,
600 Summer Street, Stamford, CT 06904
Total circulation: 34,186

Industrial Finishing, Hitchcock Publishing Company, P.O. Box 3005,
Wheaton, IL 60187
Total circulation: 45,542

Industry Week, Penton/IPC, Penton Plaza, 1111 Chester Avenue,
Cleveland, OH 44114
Total circulation: 254,714

Manufacturing Engineering, Society of Manufacturing Engineers,
One SME Drive, P.O. Box 930, Dearborn, MI 48128
Total circulation: 78,738

Mechanical Engineering, American Society of Mechanical Engineers,
United Engineering Center, 345 East 47th Street, New York, NY 10017
Total circulation: 72,019

Metal Finishing, Metals and Plastics Publications, Inc., One
University Plaza, Hackensack, NJ 07601
Total circulation: 14,937

Modern Castings, American Foundrymen's Society, Inc., Golf and Wolf Roads,
Des Plaines, IL 60016
Total circulation: 29,199

Modern Concrete, Pit and Quarry Publications, Inc., 105 West Adams
Street, Chicago, IL 60603
Total circulation: 20,115

Modern Plastics, McGraw-Hill, Inc., 1221 Avenue of the Americas,
New York, NY 10020
Total circulation: 49,628

Modern Textiles, Rayon Publishing Corporation, 303 Fifth Avenue,
New York, NY 10016
Total circulation: 11,281

PIMA, (Paper Industry Management Association), 2400 E. Oakton,
Arlington Heights, IL 60005
Total circulation: 7,846

Plant Engineering, Technical Publishing Company, 1301 S. Grove Avenue,
Burlington, IL 60010
Total circulation: 86,429

Plastics World, Cahner's Publishing Company, 221 Columbus Avenue,
Boston, MA 02116
Total circulation: 55,234

Plating and Surface Finishing, Journal of the American Electroplater's
Society, 1201 Louisiana Avenue, Winter Park, FL 32789
Total circulation: N.A.

Plumbing Engineer, Miramer Publishing Company, 2048 Cotner Avenue,
Los Angeles, CA 90025
Total circulation: 8,472

Power Engineering, Technical Publishing Company, 1301 South Grove
Avenue, Barrington, IL 60010
Total circulation: 47,165

Production Engineering, Penton/IPC, Penton Plaza, 1111 Chester Avenue,
Cleveland, OH 44114
Total circulation: 110,028

TAPPI, Journal of the Technical Association of the Pulp and Paper
Industry, One Dunwoody Park, Atlanta, GA 30338
Total circulation: 15,719

Textile World, McGraw-Hill Publications, 1175 Peachtree Street, N.E.,
Atlanta, GA 30361
Total circulation: 28,565

3.0 SOLAR MANUFACTURERS FOR INDUSTRIAL APPLICATIONS

Chapter 3 provides information on manufacturers of solar collectors and equipment.

Section 3.1 is a listing of solar collector manufacturers. The Colorado School of Mines and the Solar Energy Research Institute cannot guarantee the completeness and accuracy of the following list. It is based on information currently available to the Solar Energy Research Institute as to manufacturers who are engaged, or have been engaged, in the production of products and systems for industrial process heat.

It also contains information on manufacturers of solar collectors.

The list is subject to future additions and/or deletions.

Section 3.2 lists trade associations and publications through which information can be disseminated to solar equipment manufacturers.

The major reference for this section was:

Solar Energy Directory, Centerline Company. Jerry Kingery.

1978

With the recent boom in solar technology and manufacturing, it is most likely that new manufacturers of solar technology have entered the market since 1978. This directory should be used as a reference base but the user should consult local directories for updated information.

3.1 Manufacturers of Equipment for Solar Industrial Process Heat

ARIZONA

Adobe Air Conditioning
429 Miller Valley Road
Prescott, AZ 86301
(602) 445-0022

Alkins, Incorporated
7726 North 11th Avenue
Phoenix AZ 85021
(602) 943-0068

Arizona Solar Hydro, Incorporated
P.O. Box 9418
Phoenix, AZ 85068
(602) 948-4760
Designer and collector of systems and components

Arizona Statewide Distributors
6824 North 35th Avenue, Suite G
Phoenix, AZ 85017
Involved in concentrating-type collection and system design

Delta Arizona Corporation
4106 E. San Miguel Avenue
Phoenix, AZ 85018
(602) 959-4161

Diversified Natural Resources
8025 East Roosevelt
Scottsdale, AZ 85257
(602) 945-2330
Involved in concentrated-type collectors

Hansberger Refrigeration & Electric Company
2450 8th Street
Yuma, AZ 85364
(602) 783-3331
Involved in Flat-Plate Collection and System Design

Helio Associates, Incorporated
8230 E. Broadway
Tucson, AZ 85710
Manufacturer of rigid frame, medium temperature collector

J&B Sales Company
3441 North 29th Avenue
Phoenix, AZ 85017
(602) 258-1545
Flat-Plate Collectors and System Designers

Mel Kiser & Associates

6701 East Kenyon Drive

Tuscon, AZ 85710

(602) 296-6552

Involved in flat-plate, parabolic, modified parabolic and vicous
liquid filled collection with copper and aluminum absorbers

Research Engineering Manufacturing Company

5285 North Red Rock Drive

Phoenix, AZ 85018

(602) 959-0761

Manufacturer of solar augmented heating and cooling system

Solahart

2333 East University

Phoenix, AZ 85034

(602) 275-4425

Manufacturer of solar hot water system

Solar Energy Products, Incorporated

7333 East Monterey Way, Suite 13

Scottsdale, AZ 85251

(602) 949-7400

System designers and flat-plate collectors

Solar Tech

2430 West Townley

Phoenix, AZ 85021

(602) 944-1490

System designers and flat-plate collector manufacturers

Sunpower Systems Corporation

510 South 52nd, Suite 101

Tempe, AZ 85281

(602) 894-2331

Dispersed Solar Electric Power Plants, parabolic trough collectors,
electrical packaged control systems, sun tracking device,
process hot water systems, combined systems, linear focusing
tracking collectors

Suncor Systems Company

610 W. Broadway, Suite 101

Tempe, AZ 85282

(602) 966-3995

Involved in system design and flat-plate collectors

Universal Air Products, Incorporated

2430 South 20th Street

Phoenix, AZ 85034

(602) 254-7361

System designers and Northrup concentrating solar collectors

CALIFORNIA

Acurex Aerotherm
 485 Clyde Avenue
 Mountain View, CA 94042
 (415) 964-3200

Parabolic trough collectors, irrigation systems, process hot water systems, educational apparatus, dispersed solar electric power plants, process steam systems.
 Participated in the National Solar IPH demonstration program.

American Sun Industries
 3477 Old Conejo Road
 P.O. Box 263
 Newbury Park, CA 91320
 (805) 498-9700

Manufacturer and supplier of solar energy conversion equipment

Alton Solar Manufacturers
 20 Pamaron Way
 Novata, CA 94947
 (415) 883-0866

Solar cookers, process heated air systems

Atlantic Richfield Co.
 ARCO Solar
 515 South Flower Street
 Los Angeles, CA 90071
 Contact: H.R. Blieden

Daniel Enterprises, Inc.
 P.O. Box 2370
 La Habra, CA 90631

Designer of complete systems for primary of supplementary heating and drying systems

Energy Systems Consultants
 6701 Odessa
 Van Nuys, CA 91406
 Manufacturer of air collectors

Energy Systems, Inc.
 634 Crest Drive
 El Cajon, CA 92021
 (714) 440-4646
 Producers of solar heating systems

General Atomic Company
 P.O. Box 81608
 San Diego, CA 92138
 Contact: A. Schwartz

Helio-Dynamics, Incorporated
 518 S. Van Ness Avenue
 Los Angeles, CA 90020
 Manufacturer of rigid frame, medium temperature collector

Heliotrope General
 1869 Hidden Mesa Road
 El Cajon, CA 92020
 (714) 444-6174
 Sells differential temperature thermostat, hot water storage with built-in heat exchanger, and an electric hot water heater with built-in heat exchanger for solar water systems.

Hexcel
 11711 Dublin Blvd.
 Dublin, CA 94566
 Contact: G.P. Branch
 Participated in the National Solar IPH demonstration program.

Jacobs-Del Solar Systems, Inc.
 251 South Lake Ave.
 Pasadena, CA 91101
 Contact: M. Delgado
 Participated in the National Solar IPH demonstration program.

JG Johnston Manufacturing Company
 Solar Division
 33458 Angeles Forest Highway
 Palmdale, CA 93550
 (805) 947-3791
 Manufacturer of subsystem consisting of collector panels. Its principal use is for industrial drying and heating purposes.

McDonnell Douglas Astronautics Co.
 5301 Bolsa Avenue
 Huntington Beach, CA 92647
 Contact: D. Steinmeyer
 Participated in the National Solar IPH demonstration program.

Natural Heating Systems
 205 Cortez Avenue
 Davis, CA 95616
 (196) 756-4558
 Manufacturer of complete solar systems

Obelitz Industries, Incorporated
 P.O. Box 2788
 Seal Beach, CA 90740
 Solar flat plate collector manufacturers

Umnium G(2)
 1815 Orangethorpe Park
 Anaheim, CA 92801
 Contact: R. Derby, S.P. Lazzara

Powell Brothers, Incorporated
 5903 Firestone Blvd.
 South Gate, CA 90280
 Manufacturer of rigid frame, medium temperature collectors

Raypak, Incorporated
 3111 Agoura Road
 Westlake Village, CA 91361
 Manufacturer of rigid frame, medium temperature collectors
 and makers of double-glazed, sealed, insulated solar water heaters

Reynolds Metals Company
 2515 Dominguez
 Torrance, CA 90501
 Manufacturer of rigid frame, medium temperature collector

Schultz Field Enterprises
 6986 La Jolla Blvd.
 La Jolla, CA 92036
 Manufacturer of rigid frame, medium temperature collector

Sol-Aire
 46 Las Cascadas
 Orlinda, CA 94563
 (415) 254-2672
 Manufacturer of solar systems

Solar Conversion Corporation of America
 16260 Raymer Street
 Van Nuys, CA 91406
 (213) 989-4204
 Solar collector manufacturer

Solar Energy Systems, Incorporated
 2492 Banyan Drive
 Los Angeles, CA 90049
 (213) 472-6508
 Manufacturer of plastic solar collector restricted to applications
 of 160°F or less.

Solargenics, Inc.
 9713 Lurline Ave.
 Chatsworth, CA 91311
 (213) 998-0806
 Contact: David Collins
 Participated in the National Solar IPH demonstration program.

Solar Utilities Company
11404 Sorrento Valley Road
San Diego, CA 92121
Solar water heaters

Solarponics, Incorporated
P.O. Box 1571
San Luis Obispo, CA 93406
(805) 543-3436
Provides collector systems of high thermal efficiency.

Solarsan
P.O. Box 17775
San Diego, CA 92112
Involved in flat-plate solar collection

Solarway
P.O. Box 217
Redwood Valley, CA 95470
(707) 485-7616
Solar water heater manufacturer

Solerg Association
P.O. Box 90691
Los Angeles, CA 90009
Manufacturer of medium temperature concentrators

Solergy, Inc.
70 Zoe Street
San Francisco, CA 94107
(415) 495-4303
Non-tracking Concentrating Collectors
Process Hot Water Systems.

Sunwater Company
1466 Pioneer Way #6
El Cajon, CA 92020
Solar collector manufacturer

Unitspan Architectural Systems, Incorporated
9419 Mason Avenue
Chatsworth, CA 91311
Solar collector manufacturer

Video Listings
1050 Ralston Avenue #25
Belmont, CA 94002
Manufacturer of parabolic reflector

Western Energy
 454 Forest Avenue
 Palo Alto, CA 94302
 Manufacturer of solar collector panel

Ying Manufacturing Corporation
 1957 W. 144 Street
 Gardena, CA 90249
 (213) 770-1756
 Manufactures storage tanks, collectors, and complete systems design.
 Participated in the National Solar IPH demonstration program.

ZZ Corporation
 10806 Kaylor Street
 Los Alamitos, CA 90720
 (213) 598-3220
 Manufacturer of solar collectors-parabolic

COLORADO

Enertech Corporation
 Rt. 4, Box 409
 Golden, CO 80401
 (303) 642-3891
 Produces collectors

Future Systems, Inc.
 12500 W. Cedar Drive
 Lakewood, CO 80228
 (303) 989-9431
 Manufacturer of a solar furnace, as well as other
 related solar products.

General Industries
 2233 Moffett Drive
 Ft. Collins, CO 80521
 Solar flat-plate collector manufacturer

Materials Consultants, Inc.
 2150 S. Josephine Street
 Denver, CO 80202
 Manufacturer of rigid frame, medium temperature collector

Rocky Mountain Air Conditioning
 5010 Cook Street
 Denver, CO 80216
 (303) 825-0203
 Manufacturer of a selective surface copper collector which
 operates with all air, all water, or a combination

Solaron Corp.
 720 S. Colorado Blvd.
 Denver, CO 80222
 (303) 759-0101

Heat pump systems, commercial space heating systems, process hot water systems, flat plate collectors, air, rock storage bins, differential thermostat, air handlers
 Participated in the National Solar IPH demonstration program.

Solar Systems, Inc.
 12500 West Cedar Drive
 Lakewood, CO 80228
 (303) 969-0431
 Manufacturer of solar furnaces

CONNECTICUT

American Solar Heat Corporation
 7 National Place
 Danbury, CT 06810
 (203) 792-0077
 Manufactures space heating systems, solar collectors, and differential thermostats

Ethone, Inc.
 P.O. Box 1900
 West Haven, CT 06510
 Manufacturer of rigid frame, medium temperature collector

Falbel Energy Systems Corporation
 P.O. Box 6
 Greenwich, CT 06830
 (203) 357-0626
 Manufacture and market collectors and accompanying systems-

National Solar Corporation
 Novelty Land
 Essex, CT 06426
 (203) 767-1644
 Flat plate collectors, liquid; commercial hot water systems; process hot water systems; hot water heating systems

Solar Heating Systems Corporation
 151 John Downey Drive
 New Britain, CT 06051
 (203) 224-2164
 Manufacturer of solar collector and distributor of complete solar heating and cooling system

Solar Industries, Inc.
100 Captain Neville Drive
Waterbury, CT 06705
(203) 753-1195

Manufacturer of collectors and designers of solar heating systems

Solar Kinetics Corporation
P.O. Box 17308
West Hartford, CT 06117
(203) 233-4461
Manufactures concentrating-type collector

Sunshine Energy Corporation
Route 25
Bookfield Center, CT 06805
Solar flat-plate collector manufacturer

United Technologies
Windsor Locks, CT 06096
(203) 623-1621
Development of Rankine-cycle turbocompressor air-conditioning
and heating system at temperature levels consistent with present
day flat-plate solar collectors.

Wilson Solar Kinetics Corporation
P.O. Box 876
Hartford, CT 06101
(203) 633-7884
Manufacturer of solar heat collectors

DELAWARE

Hadley Solar Energy Company
Box 1456
Wilmington, DE 19899
Manufacturer of rigid frame, medium temperature collector

Solarsystems
323 Country Club Drive
Rehoboth Beach, DE 19971
Solar flat-plate collector manufacturer

DISTRICT OF COLUMBIA

Business & Technology, Inc.
2800 Upton Street NW
Washington, D.C. 20008
(202) 362-5991
Produces products that consist of custom-designed solar systems
for heating buildings and service water

FLORIDA

American Solar Power
 5018 West Grace Street
 Tampa, FL 33607
 Manufactures collectors and distributes complete water heating systems

Arms, Inc.
 P.O. Box EG 1503
 Melbourne, FL 32935

Aztec Solar Corporation
 P.O. Box 272
 2031 Dyan Way
 Maitland, FL 32751
 Manufactures collectors and control equipment, distributes complete water heating systems

Beutels Solar Heater Company
 7161 NW 74th Street
 Miami, FL 33166
 Manufactures collectors, distributes complete water heating systems

Bright Industries Sun Products, Inc.
 1900 NW 1st Ct.
 Boca Raton, FL 33432
 Manufactures collectors, distributes complete water heating systems

CSI, Solar Systems Division
 12400 49th Street
 Clearwater, FL 33520
 (813) 577-4228
 Commercial hot water systems, process hot water systems, flat-plate collectors, liquid

Chemical Processor, Inc.
 P.O. Box 10636
 St. Petersburg, FL 33733
 Manufactures collectors, distributes control equipment

Consumer Energy Corporation
 4234 SW 75th Avenue
 Miami, FL 33155
 Manufactures collectors, distribures complete water heating systems

D&J Sheet Metal Company
 10055 NW 7th Avenue
 Miami, FL 33150
 (305) 757-7033
 Solar flat-plate collector manufacturer

Del Sol Control Corporation
 11914 W.S. 1
 Juno, FL 33408
 (305) 626-6116
 Manufacturer of solar systems and controls.

Dick Mills, Inc.
 15286 US Hwy. 19 South
 Clearwater, FL 33516
 Manufactures collectors and control equipment. Distributes
 complete water heating systems.

DW Browning Contracting Company
 475 Carswell Avenue
 Holly Hill, FL 32017
 Manufactures collectors. Distributes complete water heating systems.

Energy Applications
 830 Margie Drive
 Titusville, FL 32780
 Manufacturer of collectors and control equipment.

Energy Systems of America, Inc.
 55 SW 2nd Ave., 503
 Boca Raton, FL 33432
 Manufactures collectors.

Falkner, Inc.
 P.O. Box 673
 Orlando, FL 32802
 Manufactures collectors. Distributes complete water heating systems.

Florida Solar Power, Inc.
 P.O. Box 5846
 Tallahassee, FL 32301
 Manufactures collectors. Distributes complete water heating systems.

General Energy Devices, Inc.
 2991 W. Bay Drive
 Largo, FL 33540
 Manufactures collectors. Distributes complete water heating systems.

Gulf Thermal Corporation
 2215 Industrial Blvd.
 P.O. Box 13124
 Sarasota, FL 33580
 (813) 355-9783
 Flat-plate solar collector

Hughes Supply, Inc.

P.O. Box 6128

Orlando, FL 32803

Manufactures collectors. Distributes complete water heating systems.

J&R Simmons Construction Co., Inc.

2185 Sherwood Drive

South Daytona, FL 32019

Manufactures collectors. Distributes complete water heating systems.

Johnson Diversified, Inc.

2340 Queen Ann Street

Merritt Island, FL 32952

(305) 452-5545

Manufacturer of solar water heating systems.

Mathews Systems, Inc.

P.O. Box 1666

Gainesville, FL 32601

Manufactures collectors. Distributes complete water heating systems.

Mini-Markee, Inc.

Natural Energy Systems, Div.

13715 49 Street North

Clearwater, FL 33520

(813) 577-3995

Manufacturer of solar collector panel assembly, liquid type

McDonald Window Sales & Service

3003 NE 19 Drive

Gainesville, FL 32601

(904) 372-6009

Manufacturer of solar water heaters.

OEM Products, Inc.

Solarmatic Division

214 West Brandon Blvd.

Manufacturer of a solar collector.

PR Distributors

1232 Zacchini Avenue

Sarasota, FL 33577

(813) 958-5660

Manufacturer of solar water heaters.

Pet Craft Assemblies

Solar Division

430 Dayton Blvd.

Melbourne, FL 32901

Manufactures collectors. Distributes complete water heating systems.

Rodgers & McDonalds
3003 NE 19 Drive
Gainesville, FL 32601
(904) 377-7883
Manufacturer of rigid frame, medium temperature collectors

Semco
1091 SW 1st Way
Deerfield Beach, FL 33441
Manufactures collectors and control equipment. Distributes complete water heating systems.

Solar Concentrators, Limited
1113 28 Street NW
Winter Haven, FL 33880
(813) 293-0104
Developers of concentrating collector specifically designed to operate with liquids or gases

Solar Dynamics, Inc.
4527 E. 11th Ave.
Hialeah, FL 33013
Manufactures flat plate collectors and water heating systems

Solar Energy Components, Inc.
1605 N Cocoa Blvd.
Cocoa, FL 32922
Manufactures collectors and control equipment

Solar Energy Products, Inc.
1208 NW 8th Avenue
Gainesville, FL 32601
(904) 377-6527
Manufactures and suppliers of solar energy equipment

Solar Energy Resources Corporation
10639 SW 185 Terrace
Miami, FL 33157
(305) 233-0711
Manufacturer of solar collector systems, absorption refrigeration systems, automatically-activated heat pump energy recovery systems.

Solar Energy Systems
1243 S. Florida Avenue
Rockledge, FL 32955
(305) 632-6251
Manufacturer of solar collector components and solar water heaters

Solar Engineering, Inc.
PO Box 1358
Boca Raton, FL 33432
Manufactures collectors and control equipment

Solar Fins Systems
PO Box 215
Grant, FL 32949
Manufactures collectors. Distributes complete water heating systems.

Solar, Inc.
Plastic Pipe & Fittings
206 Center Road
Fort Myers, FL 33901
(813) 936-7474
Solar water heater manufacturer

Solar Innovations
412 Longfellow Blvd.
Lakeland, FL 33801
Manufactures collectors and control equipment

Solar Products
1001 Laguna Drive
Venice, FL 33595
Manufacturer of solar collector

Solar Systems Division
12400 49 Street, North
St. Petersburg, FL 33732
Solar water heater and collector manufacturer

Solar Systems of Largo
2525 Key Largo Lane
Fort Lauderdale, FL 33312
Solar water heater manufacturer

Solarific Water Heating Company
611 Ash Street
Fort St. Lucie, FL 33452
Manufacturer of solar heating units.

Solarkit of Florida
9210 Lazy Lane
Tampa, FL 33614
Manufactures collectors and control equipment. Distributes complete water heating systems.

Southern Lighting Manufacturing
 501 Elwell Avenue
 Orlando, FL 32803
 (305) 894-8851
 Manufactures a flat-plate collector.

Space Age Service
 Route 1, Box 260
 Titusville, FL 32780
 Manufactures collectors and control equipment.

Stampco, Inc.
 4549 St. Augustine Road #13
 Jacksonville, FL 32207
 (904) 737-6144
 Solar water heater manufacturer.

Standard Solar
 8846 SW 129th Street
 Miami, FL 33176
 Manufactures collectors and control equipment. Distributes complete water heater systems.

Sunburst, Inc.
 70 NW 94 Street
 Miami Shores, FL 33150
 Solar flat-plate collector manufacturer.

Superior HJ Service
 P.O. Box 706
 Holly Hill, FL 32017
 Manufactures collectors and storage systems. Distributes complete water heating systems.

Systems Technology, Inc.
 P.O. Box 337
 Shalimar, FL 32579
 Manufactures collectors. Distributes complete water heating systems.

Thermill Solar Systems
 156 NW 73rd Street
 Miami, FL 33150
 Manufactures collectors. Distributes complete water heating systems.

Unit Electric Control, Inc.
 130 Atlantic Dr.
 Maitland, FL 32751
 Manufactures collectors. Distributes complete water heating systems.

United States Solar Systems
 376 NW 25th Street
 Miami, FL 33127
 Manufacturer and distributor of complete solar water heating systems.

Universal Solar Aids, Inc.

P.O. Box 731

Fern Park, FL 32730

Manufactures collectors. Distributes complete water heating systems.

Universal Solar Systems, Inc.

1424 NW 1st Ave.

Ocala, FL 32670

Solar hot water systems manufacturer.

WHS Corporation

511 Virginia Drive

Orlando, FL 32803

Solar energy collection modules and heating systems.

Werner Industries, Inc.

P.O. Box 1466

Eau Gallie, FL 32935

Manufactures collectors. Distributes complete water heating systems.

Wilcox Manufacturing Corporation

13375 U.S. 19 N.

Pinellas Park, FL 33565

Manufactures collectors.

W.R. Robbins & Son

1401 NW 20th Street

Miami, FL 33142

Manufactures collectors. Distributes complete water heating systems.

Youngblood Company, Inc.

1085 NW 36 Street

Miami, FL 33127

(305) 635-2501

Manufacturer of solar water heaters.

GEORGIA

MND, Inc.

P.O. Box 15534

Atlanta, GA 30333

Manufacturers of solar water heater.

National Solar Supply Company

2331 Adams Drive NW

Atlanta, GA 30318

Manufacturer of complete solar system.

Scientific-Atlanta, Inc.
 3845 Pleasantdale Rd.
 Atlanta, GA 30340
 Manufacturer of solar collector systems.

Solar Technology, Inc.
 5730 Holiday Road
 Buford, GA 30518
 Manufactures and sells solar components and systems.

Wallace Sheet Metal Works
 831 Dorsey Street
 Gainesville, GA 30501
 Manufacturer of solar collector panels.

HAWAII

Energy Conservation Corporation
 4747 Kilauea Avenue, Suite 114
 Honolulu, HI 96816
 (808) 732-2403
 Manufactures collector panels.

Solar Enterprises of Hawaii
 P.O. Box 27031
 Honolulu, HI 96827
 Manufactures and installs solar water heaters.

Solaray Corporation
 2414 Makiki Heights Drive
 Honolulu, HI 96822
 (808) 533-6464
 Manufacturer of solar collector panels.

ILLINOIS

Amcon, Inc.
 211 West Willow
 Carbondale, IL 62901
 (618) 549-3948
 Manufacturer of complete air system.

Chamberlain Manufacturing Corp.
 845 Larch Avenue
 Elmhurst, IL 60126
 (312) 279-3600
 Manufacturer of flat-plate solar collector panel.
 Participated in the National Solar IPH demonstration program.

Enrico Fermi Institute
 University of Chicago
 5630 Ellis Avenue
 Chicago, IL 60637
 Solar flat-plate collectors.

International Telephone & Telegraph Corp.
 Fluid Handling Division
 4711 Golf Road
 Skokie, IL 60076
 (312) 677-4030
 Manufacturer of solar collector panels.

Shelley Radiant Ceiling Company, Inc.
 8110 North St. Louis Avenue
 Skokie, IL 60076
 (312) 675-8899
 Manufactures a collector plate made of aluminum.

Sun Systems, Inc.
 P.O. Box 155
 Eureka, IL 61530
 (309) 685-9728
 Manufactures solar panels.

Sun Systems, Inc.
 4609 University Street
 Peoria, IL 61614
 (309) 685-9728
 Designs and manufactures solar heating systems and components.

IOWA

Chamberlain Manufacturing Corp.
 Research and Development Division
 P.O. Box 2545
 Waterloo, Iowa 50705
 (319) 232-6541

Lennox Industries, Inc.
 P.O. Box 250
 200 South 12th Avenue
 Marshalltown, IA 50158
 (515) 754-4011

NRG, Limited
 901 Second Avenue
 Coraville, IA 52241
 (319) 354-2033
 Manufactures solar collector.

Solar Thermics Enterprises, Limited
 Box 240
 Creston, IA 50801
 (515) 782-8566
 Manufacturer of solar furnace.

KANSAS

Hydro Flex Corporation
 2101 NW Brickyard Road
 Topeka, KS 66618
 (913) 233-7484
 Manufactures small products and flexible fittings.

KENTUCKY

Midwestern Solar Systems
 2235 Irvin Cobb Drive
 P.O. Box 2384
 Paducah, KY 42001
 (502) 443-6295
 Producers of small products, flat-plate collectors, and grain dryers.

MAINE

Farnum Associates
 P.O. Box 437
 Lewiston, ME 04240
 Manufacturers and distributors of solar collectors.

Maine Air Conditioning, Inc.
 Bangor, ME 04401
 Manufactures and distributes solar collectors.

Sheet Metal Design Fabrication
Main Street
Monmouth, ME 04259
Solar collectors for hot water heating.

Yankee Resources
Potter Street
Brunswick, ME 04011
Manufactures and distributes solar collectors.

MARYLAND

AAI Corporation
P.O. Box 6767
Baltimore, MD 21204
(301) 666-1400
Solar flat-plate collector manufacturer; linear focusing fixed collectors; line focusing solar collectors; combined systems, process hot water systems, mirror supports.
Participated in the National Solar IPH demonstration program.

American Solar Heating Company
1400 Dennis Avenue
Silver Spring, MD 20902
(301) 649-4892
Flat-plate collector-liquid type.

Associated Enterprises
2832 Monclair Drive
Ellicott City, MD 21043
Manufacturers of a solar furnace.

Dynatherm Corporation
1 Industry Lane
Cockeysville, MD 21030
Development of solar energy collector.

KTA Corp
12300 Washington Avenue
Rockville, MD 20852
Manufactures a lightweight solar energy collector.

Martin-Marietta Corporation
P.O. Box 988
Baltimore, MD 21213
Developers of heat collectors and storage units.

Westinghouse Electric Corp.

Box 1693

Mail Stop 999

Baltimore, MD 21203

(301) 765-3454

Manufacturer of large scale solar system for heating and cooling of buildings.

MASSACHUSETTS

Columbia Chase Solar Energy Division

55 High Street

Holbrook, MA 02343

(617) 767-0513

Research and development of solar power, manufactures solar collectors and entire solar heating systems.

Daystar Corp.

90 Cambridge Street

Burlington, MA 01803

(617) 272-8460

Flat-plate collectors, liquid; linear trough collectors; commercial hot water systems; space heating systems; process hot water systems; climate control systems; heat pump systems.

Participated in the National Solar IPH demonstration program.

Free Heat

P.O. Box 8934

Boston, MA 02114

Solar flat-plate collector manufacturer.

International Harvester Corp.

50 Congress Street

Boston, MA 02116

Design for improved collectors.

Itek Corp.

10 Maguire Road

Lexington, MA 02117

Kennecott Copper Corp.

Ledgemont Laboratory

128 Spring Street

Lexington, MA 02173

Developed flat-plate collector employing copper.

MICHIGAN

Dow Corning Corp.
Solar Energy Division
Midland, MI 48640
(517) 496-4947

MINNESOTA

Honeywell, Inc.
1885 Douglas Drive N
Minneapolis, MN 55422
(612) 542-7500
Participated in the National Solar IPH demonstration program.

National Energy Corporation
21716 Kenrick Avenue
Lakeville, MN 55044
(612) 469-3401
Flat-plate collector manufacturer.

Sheldahl Solar Energy Applications
Northfield, MN 55057
(507) 645-5633
Participated in the National Solar IPH demonstration program.

MISSOURI

Emerson Electric Company
8100 W. Florissant
St. Louis, MO 63136
Solar flat-plate collector manufacturer.

Penrod Company
P.O. Box 1047
Cape Girardeau, MO 63701
(214) 334-3258
Manufacturer of flat-plate collector.

NEBRASKA

Solar, Inc.
Box 246
Mead, NE 68041
(402) 624-6555
Designs and manufactures collectors.

NEVADA

Energex Southwest
3020 Valley View Blvd.
Las Vegas, NV 89102
Solar flat-plate collector manufacturer.

NEW HAMPSHIRE

Kalwall Corporation
1111 Candia Road
Manchester, NH 03105
Solar collector manufacturer.

Solar Products Engineering Company
3 Birch Lane
Pelham Lane
Pelham, NH 03076
(603) 635-2118
Manufacturer of solar collector panel.

NEW JERSEY

Exxon Solar Thermal Systems
P.O. Box 593
Florham Park, NJ 07932
(201) 765-6408
Contact: Bob Garman

SSP Associates
704 Ble Hill Road
River Vale, NJ 07675
(201) 391-4724
Manufacturer of flat-plate solar collector.

Sunvert Systems, Inc.
 Route 515, Box 288
 Vernon, NJ 07462
 (201) 764-4082
 Manufacturer of solar flat-plate collector.

NEW YORK

Advance Cooler Manufacturing Corporation
 Box 185
 Clifton Park, NY 12065
 (518) 371-3730
 Manufactures solar collectors.

General Motors
 Harrison Radiator Div.
 A&E Bldg.
 Lockport, NY 14094
 (716) 439-3254

Grumman Energy Systems, Inc.
 4175 Veterans Memorial Highway
 Rondondoma, NY 11779
 Manufactures solar collectors.

Hitachi America, Ltd.
 437 Madison Avenue
 New Yor, NY 10022
 Solar flat-plate collector manufacturer.

International Environment Corp.
 129 Halstead Ave.
 Mamoroneck, NY 10543
 (914) 698-8130
 Manufacturer of solar collectors.

Keystone Solar Energy, Inc.
 P.O. Box 818, East 11 St.
 New York, NY 10003
 Manufactures a flat-plate collector.

Solar Utilization Systems
 2716 Marion Avenue 3G
 Bronx, NY 10458
 (212) 367-9529
 Manufacturer of solar collector.

NORTH CAROLINA

LO-K Medallion Sytems, Inc.
 P.O. Box 188
 Belmont, NC 28012
 (919) 825-5357
 Manufacturer of a solar collector.

Mid-Atlantic Solar Heating Systems
 P.O. Box 3204
 Durham, NC 27705
 Manufacturers of solar heating systems.

Warren O. Stiles, PE and Associates
 P.O. Box 466
 Wrightsville Beach, NC 28480
 (919) 256-3778
 Design and manufacture solar heating systems.

OHIO

Alpha Designs
 Kroger Building, Suite 2230
 Cincinnati, OH 45202
 (513) 621-1243
 Manufacturer of focusing parabolic collector.

D-J Products
 Box 2292
 North Canton, OH 44720
 (216) 494-4063
 Manufacturer of collector panesl.

General Extrusions, Inc.
 Box 2687
 4040 Lake Rd.
 Youngstown, OH 44507
 (216) 783-0270
 Participated in the National Solar IPH demonstration program.

Owens-Illinois
 P.O. Box 1035
 Toledo, OH 43666
 Solar flat-plate collector manufacturer.

Solar Central
 7213 Ridge Road
 Mechanicsburg, OH 43044
 (513) 322-2533
 Manufacturer of flat-plate solar collector.

Solar Energy Development, Inc.
 1437 Alameda Avenue
 Lakewood, OH 44107
 Solar flat-plate collector manufacturer.

Solar Energy Engineering
 22 Northgate Park
 Mt. Gilead, OH 43338
 Solar flat-plate collector manufacturer.

Solar Energy, Inc.
 171 Belmar Blvd.
 Avon Lake, OH 44012
 Manufacturer of solar collector.

Solar Energy Products Company
 121 Miller Road
 Avon Lake, OH 44012
 Manufacturer of solar collector.

Solar Sun, Inc
 235 W 12th Street
 Cincinnati, OH 45210
 (513) 241-4200
 Manufacturer of solar collector.

Stolle Corporation
 1501 Michigan Street
 Sidney, OH 45365
 Solar flat-plate collector manufacturer

OKLAHOMA

Brown Manufacturing Company
 P.O. Box 14546
 Oklahoma City, OK 73114
 Manufacturer of solar collectors.

R.H. Seigfried, Inc.
 Nordam Div.
 510 S. Lansing, P.O. Box 3365
 Tulsa, OK 74120
 Manufacturer of solar collector.

Tri-State Solar King, Inc.
 P.O. Box 503
 Adams, OK 73901
 (405) 253-6562
 Manufacturer of solar collector.

PENNSYLVANIA

Ametek, Inc.
 One Spring Avenue
 Hatfield, PA 19440
 (215) 248-4600
 Manufacturer of solar collectors.

Enviropane, Inc.
 350 N. Marshall Street
 Lancaster, PA 17602
 Manufacturer of solar collector.

General Electric
 Energy Product Development
 Space Division, Advanced Energy Programs
 P.O. Box 8661
 Philadelphia, PA 19101
 (215) 962-5565
 Contact: J.C. Graf
 Participated in the National Solar IPH demonstration program.

Heliotherm, Inc.
 Lenni, PA 19052
 (215) 459-9030
 Manufacturer of flat-plate solar collectors.

International Environment Corporation
 1400 Mill Creek Road
 Gladwyne, PA 19035
 (215) 642-3060
 Manufacturer of solar collector subsystem.

PPG Industries, Inc.
 One Gateway Center
 Pittsburgh, PA 15222
 (412) 434-3555
 Flat-plate solar collector manufacturer.

Sunearth Construction Company
 RT 1, Box 337
 Green Lane, PA 18054
 Manufacturer of solar collector.

Sunwall, Inc.
 P.O. Box 9723
 Pittsbrgh, PA 15229
 Manufacturer of solar collectors.

RHODE ISLAND

Vulcan Solar Industries, Inc.
 200 Conant Street
 Pawtucket, RI 02860
 (401) 725-6061
 Manufacturer of flat-plate solar collectors.

SOUTH DAKOTA

Solar Stor, Inc.
 Parker, SD 57053
 (605) 297-4446
 Manufacturer of complete solar system.

TENNESSEE

Automated Industries, Inc.
 P.O. Box 403, Scarboro Road
 Oak Ridge, TN 37830
 (615) 482-4627
 Manufacturer of solar collectors.

Environment Designs, Division of Steelcraft Corporation
 2700 Jackson Avenue
 Memphis, TN 38112
 (901) 324-2151
 Solar flat-plate collector manufacturer.

Oak Ridge Engineering & Associates
110 Peach Road, P.O. Box 3016
Oak Ridge, TN 37830
(615) 483-5153
Manufacturer of solar collectors.

Steelcraft Corporation
2700 Jackson Ave.
P.O. Box 12408
Memphis, TN 38112
(901) 452-5200
Manufacturer of solar collector.

TEXAS

Monument Solar Corp.
9229 LBJ Freeway, STE. 127
Dallas, TX 75243
(214) 783-4731
Contact: L. Dale Clark
Participated in the National Solar IPH demonstration program.

Northrup, Inc.
302 Nichols Drive
Hutchins, TX 75141
(214) 225-4291
Manufacturer of solar collectors.

Solar Enterprises, Inc.
2816 W. Division
Arlington, TX 76012
(817) 461-5571
Manufacturer of solar collectors.

Solar Heating & Air Conditioning Company
1800 Plaza, NE Loop 410
San Antonio, TX 78217
(512) 828-6251
Manufacturer of flat-plate collector.

Solar Kinetics, Inc.
147 Parkhouse Street, P.O. Box 10764
Dallas, TX 75207
Participated in the National Solar IPH demonstration program.

Solartech Systems, Corp.
512 E. 42nd Street
Lubbock, TX 79408
(806) 765-7761

Solus, Inc.
P.O. Box 35227
Houston, TX 77035
(713) 681-1224
Manufacturer of solar collector.

VIRGINIA

Doowiki Enterprises
P.O. Box 5365
Charlottesville, VA 22903
(804) 973-5786
Manufacturer of a flat-plate solar collector.

Solar Corporation of America
100 Main Street
Warrenton, VA 22186
(703) 347-7900
Manufacturer of solar collector.

WASHINGTON

E&K Service Company
16824 74th Avenue NE
Bothell, WA 98011
Solar flat-plate collector manufacturer.

WISCONSIN

Research Products Corporation
1015 East Washington Avenue
Madison, WI 53713
(608) 257-8801
Space heating system, commercial space heating systems, commercial
hot water systems, process heated air systems.

3.2 Trade Associations and Publications for Solar Collector Manufacturers

TRADE ASSOCIATIONSALABAMA

Alabama Solar Energy Association
University of Alabama
P.O. Box 1247
Huntsville, AL 35807

ARIZONA

Arizona Solar Energy Association
Box 57
Flagstaff, AZ 86001

Arizona Solar Energy Association
Arizona Solar Energy Research Commission
State Capitol
Phoenix, AZ 85301

Arizona Solar Energy Research Commission
1700 Washington, Room 502 Capitol Tower
Phoenix, AZ 85007
Newsletter, "Harvesting the Sun"

CALIFORNIA

Northern California Solar Energy Assn.
University of California - Berkeley
Material Science
Berkeley, CA 94720

Solar Energy Society of America
P.O. Box 4264
Torrence, CA 90510
Publications of materials relating to solar heat and power.

Southern California Solar Energy Assn.
San Diego City Hall
202 C Street
San Diego, CA 92101

Sunergy Club
P.O. Box 2148
Hollywood, CA 90028

COLORADO

Colorado Solar Energy Association
 P.O. Box 5272-TA
 Denver, CO 80217

DISTRICT OF COLUMBIA

American Institute of Architects
 1735 New York Ave., NW
 Washington, D.C. 20036
 Promoters of efficient use of energy in buildings and information
 on conservation.

Integrative Design Associates
 1740 N Street, NW
 Washington, D.C. 20036
 Architectural and engineering services involved in educational
 materials, contracting, marketing.

Solar Energy Industries Association
 1001 Connecticut Ave., NW, Suite 632
 Washington, D.C. 20036
 Association promoting a comprehensive solar program, sponsors
 of workshops and product exhibits.

FLORIDA

International Solar Energy Society, American Section
 300 State Road #401
 Cape Canaveral, FL 32920
 Society for the promotion of solar energy.

GEORGIA

Georgia Solar Energy Association
 College of Engineering
 Georgia Institute of Technology
 Atlanta, Georgia 30332

ILLINOIS

Northern Illinois Solar Energy Association
 802 South Commonwealth Street
 Aurora, Illinois 60506

South Central Illinois Solar Energy Assn.
637 Eccles
Hillsboro, IL 60506

INDIANA

Hoosier Solar Energy Association, Inc.
Johnson Ritchhart & Associates, Inc.
227 West 11th Street
Anderson, IN 46016

KANSAS

Kansas Solar Energy Association
1202 South Washington
Wichita, KS 67211

MASSACHUSETTS

Service for Energy Conservation in Architecture
Boston Architectural Center
320 Newbury Street
Boston, MA 02115
Operates a clearinghouse service for the collection, evaluation,
and distribution of energy conservation information.

MICHIGAN

Michigan Solar Energy Association
201 East Liberty Street
Ann Arbor, MI 48104

MISSISSIPPI

Mississippi Solar Energy Assn.
225 West Lampkin Road
Starkville, MS 39759

MISSOURI

MO-ARK Solar Energy Association
Box 1643
Jefferson City, MO 65102

NEBRASKA

Nebraska Solar Energy Association
 University of Nebraska
 Department of Electrical Technology
 60th & Dodge Streets
 Omaha, NB 68182

OHIO

Ohio Solar Energy Association
 13125 Dorothy Drive
 Chesterland, OH 44026

OKLAHOMA

Oklahoma Solar Energy Association
 Solar Energy Laboratory
 University of Tulsa
 Tulsa, OK 74104

NEW MEXICO

Alamogordo Solar Energy Association
 Route 1, Box 2081
 La Laz, NM 88337

New Mexico Solar Energy Association
 Route 1, Box 107A
 Santa Fe, NM 87501

New Mexico Solar Energy Association
 Mechanical Engineering Department
 University of New Mexico
 Albuquerque, NM 87110

NEW YORK

Eastern New York Solar Energy Assn.
 P.O. Box 5181
 Albany, NY 12205

Metropolitan New York Solar Energy Assn.
P.O. Box Z
Port Jervis, NY 12771

United Nations Institute for Training and Research
801 United Nations Plaza
New York, NY 10017
Association involved in training engineers in solar and wind
power applications.

NORTH CAROLINA

North Carolina Solar Energy Association
P.O. Box 12235
Research Triangle Park
NC 27709

OHIO

Ohio Solar Energy Association
13125 Dorothy Drive
Chesterland, OH 44026

OKLAHOMA

Oklahoma Solar Energy Association
Solar Energy Laboratory
University of Tulsa
Tulsa, OK 74104

OREGON

Pacific Northwest Solar Energy Assn.
17610 Spring Hill Place
Gladstone, OR 97027

PENNSYLVANIA

Mid-Atlantic Solar Energy Association
2233 Grays Ferry Avenue
Philadelphia, PA 19146

TENNESSEE

Tennessee Solar Energy Association
P.O. Box 127
Kodak, TN 37764

TEXAS

Texas Solar Energy Association
1007 South Congress, Suite 348
Austin, TX 78704

VERMONT

New England Solar Energy Association
P.O. Box 541
Brattleboro, VT 05301

VIRGINIA

Virginia Solar Energy Association
PRC Energy Analysis Company
7600 Old Springhouse Road
McLean, VA 22102

WISCONSIN

Wisconsin Solar Energy Association
6704 Spring Grove Court
Middleton, WI 53562

NEWSLETTERS/PERIODICALSARIZONA

Advanced Solar Energy Technology
 1609 W. Windrose
 (602) 942-3976
 Phoenix, AZ 85029

Arizona Public Service Co.
 PO Box 21666
 Phoenix, AZ 95036
 Publishes newsletter "Arizona Lifestyle"

John Yellott Engineering Associates, Inc
 901 W. El Carminito Dr.
 Phoenix, AZ 85020
 Author of major articles on solar heating

Sun at Work, Solar Energy Society
 Ariz. St. Univ.
 Tempe, AZ 85281
 Publishes solar magazines and newsletters

CALIFORNIA

Environmental Alert Group
 1543 N Martel Ave.
 Los Angeles, CA 90046
 Publishes "Public Interest Report"

Rho Sigma, Inc
 11922 Valerio St.
 N. Hollywood, CA 91605
 Publish "Solar Contracts Applications Manual"

Robert Morey Associates
 PO Box 98
 Dana Point, CA 92629
 Publish 2 monthly newsletters "Advanced Technology" and "Energy Info"

Solar Energy Digest
 PO Box 17776
 San Diego, CA 92117
 Magazine

Southern California Solar Energy Association
 202 "C" Street, City Administration Bldg
 San Diego, CA 92101
 Publish newsletter, bibliography, solar energy directory

Sun Demon, Solar Utility Systems, Inc.
 12155 Magnolia Ave., 6-E
 Riverside, CA 92503
 Publish Sun Demon flyer

Sun Up
 PO Box 297
 Yucca Valley, CA 92284
 Publish newspaper "Sun UP" Energy News Digest

SunCal Newsletter
 4455 Twain Ave., Suite F
 San Diego, CA 92120
 Publish solar magazines and newsletters

COLORADO

Alternate Energy Institute
 PO Box 3100
 Estes Park, CO 80517

Environmental Action Reprint Services
 2239 E Colfax
 Denver, CO 80206
 Publish catalog, newsletters, periodicals

CONNECTICUT

Business Communications Company, Inc.
 PO Box 20700
 Stamford, CT 06906
 Energy magazine

DISTRICT OF COLUMBIA

Center for Science in the Public Interest
 1757 "S" Street NW
 Washington, D.C. 20009
 Publish newsletter "People and Energy"

Energy Research, Inc.
1019 19th Street, NW
Washington, D.C. 20036
"The ERI Report"

Observer Publishing Company
Canal Square
Washington, D.C. 20007
Publish a flyer called Solar Outlook

Scope Publications
1067 National Press Blvd.
Washington, DC 20004
Publish a periodical called "Energy Digest"

Smithsonian Science Information Exchange, Inc.
1730 M Street NW, Room 300
Washington, DC 20036
Research information, publish SSIE Science Newsletter

Solar Energy Institute of America
PO Box 9352
Washington, DC 20005
Publish Solar Life Newsletter

Solar Energy Research and Information Center
1001 Connecticut Ave., NW
Washington, DC 20036
Publish newsletter and publications related to solar heat and power.

Trends Publishing, Inc
National Press Bldg.
Washington, DC 20004
Publish a periodical "Energy Today"

FLORIDA

Environmental Information Center
935 Orange Ave.
Winter Park, FL 32789
Booklets and information on solar energy

ILLINOIS

Midwest Energy Alternatives Network
Governors State University
South Park Forest, IL 60466
Publish Acorn Newsletter

KANSAS

Alternate Energy
 PO Box 3026
 Wichita, KS 67201
 Publish monthly magazine "Alternate Energy"

LOUISIANA

Practical Formula Newsletter
 1541 Kings Highway
 Shreveport, LA 71130

MAINE

Tranet
 Box 567
 Rangeley, ME 04970
 Newsletter, directory for those developing appropriate/alternate technologies

MARYLAND

Business Publishers, Inc
 PO Box 1067
 Blair Office
 Silver Spring, MD 20910
 Publish Solar Energy Intelligence Report

National Solar Heating and Cooling Information Center
 PO Box 1607
 Rockville, MD 20850
 Information on solar heating and cooling

Solar Consultants
 Dept. SD, Box 1897
 Rockville, MD 20850
 Publish the Solar Energy Government Publication Guide

Sun at Work Newsletter, International Solar Energy Soc.
 12441 Parklawn Drive
 Rockville, MD 20852

Volunteers in Technical Assistance
3706 Rhode Island
Mt. Ranier, MD 20822
Publish periodicals and newsletters related to energy conversion

MASSACHUSETTS

Boston Architectural Center
320 Newbury Street
Boston, MA 02148
Solar heating information

Energy Report and Analysis
5 Buckman Drive
Winchester, MA 01890
Publish monthly newsletter "Energy Report and Analysis"

MICHIGAN

Solar/Wind
3432 Bauer Drive
Saginaw, MI 48604
Newspaper

MINNESOTA

Alternative Sources of Energy
Route 2, Box 90A
Milaca, MN 56353
Newsletter, periodical "Alternative Sources of Energy"

NEW JERSEY

Solar Vision, Inc.
Route 515, Box 288
Vernon, NJ 07462
Publish periodical called "Solar Age"

Solardigest
Box 252
Mayslanding, NJ 08330
Solar heating research newsletter

NEW YORK

Architectural Record
 1221 Ave. of Americas
 New York, NY 10020
 Publish "Architectural Record"

Environmental Information Center, Inc.
 124 East 39th St.
 New York, NY 10016
 Publish periodical called "Energy Directory Update Service"

Fairchild Publications
 7 East 12th St.
 New York, NY 10003
 Publish weekly "Energy User News"

Pergamon Press
 Fairview Park
 Elmsford, NY 10523
 Publish "Solar Energy"

Solar Age
 200 East Main Street
 Port Jarvis, NY 12771
 Publish monthly magazine Solar Age

Synerjy
 Box 4790
 Grand Central Station
 New York, NY 10017
 Newsletters & periodicals

OREGON

Journal of Appropriate Technology
 2270 NW Irving
 Portland, OR 97210
 Publish "Rain"

PENNSYLVANIA

NSH & CIC
 20th and Race Streets
 Philadelphia, PA 19103
 Information on solar energy

RHODE ISLAND

Solar Energy News
178 Miller Ave.
Providence, RI 02905
Published bi-weekly

VIRGINIA

Scope Publications, Inc.
6425 Maplewood Drive
Falls Church, VA 22041
Publish newsletter "Energy Digest"

WISCONSIN

Electrical Information Publications, Inc.
2132 Fordem Ave., PO Box 1648
Madison, WI 53701
Publish periodical "Solar Technology Report"

REFERENCES

Census of Manufacturers, 1972. Special Report Series, Fuel Consumption & Electricity, issued Sept., 1974.

Classified Manufacturing Directories for 48 States:

Alabama Directory of Mining and Manufacturing; Alabama Development Office, Industrial Research Dept., Montgomery, 1978.

Directory of Arizona Manufacturers; Phoenix Metropolitan Chamber of Commerce, Phoenix, 1979.

1977 Directory of Manufacturers in Arkansas; Arkansas Industrial Development Foundation, Little Rock, 1977.

California Manufacturers Register, 1978; California Manufacturers Association, Sacramento. Times Mirror Press: Los Angeles, 1978.

Directory of Central Atlantic States Manufacturers: Maryland, Delaware, Virginia, West Virginia, North Carolina, South Carolina. Seventh Edition, T.K. Sanderson Organization, Baltimore, 1976.

1977 Connecticut State Industrial Directory; State Industrial Directories Corp., New York, 1977.

Directory of Florida Industries; Florida Chamber of Commerce, Tallahassee, 1978.

1977 Georgia Manufacturing Directory; Georgia Dept. of Industry and Trade, Atlanta, 1977.

Manufacturing Directory of Idaho; University of Idaho, Moscow: Center for Business Development and Research, 1976.

Illinois Manufacturers Directory; Manufacturers News, Inc., Chicago, 1979.

Indiana Industrial Directory; The Indiana Chamber of Commerce, Indianapolis, 1978.

Directory of Iowa Manufacturers; Resource and Support Division, Iowa Development Commission, Des Moines, 1978.

Kansas Manufacturers and Products; Kansas Dept. of Economic Development, Topeka, 1978.

Kentucky Directory of Manufacturers; Kentucky Dept. of Commerce, Frankfort, Kentucky, 1978.

Louisiana Directory of Manufacturers; Louisiana Dept. of Commerce: Office of Commerce and Industry, Baton Rouge, 1978.

Maine State Industrial Directory; State Industrial Directories Corp., New York, 1977.

Directory of Massachusetts Manufacturers; Associated Industries of Massachusetts, George D. Hall Co., Boston, 1977.

Directory of Michigan Manufacturers; Pick Publications, Inc., Detroit, 1978.

Minnesota Directory of Manufacturers; Research Division, Minnesota Dept. of Economic Development, St. Paul, 1978.

Mississippi Manufacturers Directory; Mississippi Research and Development Center, Jackson, 1978.

Missouri Directory of Manufacturing and Mining; Informative Data Co., St. Louis, 1978.

Directory of Montana Manufacturers; Division of Research and Information Systems, Dept. of Community Affairs, Helena, 1977.

1974 Directory of Nevada Businesses; Dept. of Economic Development, Bureau of Business and Economic Research, University of Nevada, Reno, 1974.

Directory of Nebraska Manufacturers; Nebraska Dept. of Economic Development, Lincoln, 1974.

Directory of New England Manufacturers; The New England Council, George D. Hall Company, Boston, 1978.

South Dakota Manufacturers and Processors Directory; Industrial Division, Dept. of Economic and Tourism Development, Sioux Falls, 1979.

New Hampshire State Industrial Directory; State Industrial Directories Corp., New York, 1978.

New Jersey Industrial Directory; State Industrial Directories Corp., New York, 1978.

New Mexico Directory of Manufacturing and Mining; Economic Development Division, Commerce and Industry Department, and, Bureau of Business and Economic Research, Institute of Applied Research Services, University of New Mexico, Santa Fe, 1979.

Directory of North Carolina Manufacturing Firms; North Carolina Dept. of Commerce, Raleigh, 1978.

New York State Industrial Directory; State Industrial Directories Corp., New York, 1977.

Directory of North Dakota Manufacturing; North Dakota Business and Industrial Development Dept., Bidd Publishing, Bismark, 1978.

1979 Ohio Industrial Directory; Dept. of Economic and Community Development, Harris Publishing Co., Twinsburg, 1979.

Oklahoma Directory of Manufacturers and Products; Oklahoma Industrial Development Dept., Oklahoma City, 1978.

Directory of Oregon Manufacturers; State of Oregon Dept. of Economic Development, Portland, 1978.

Pennsylvania State Industrial Directory; State Industrial Directories Corp., New York, 1979.

South Carolina Industrial Directory, South Carolina State Development Board, Columbia, 1978.

Tennessee Directory of Manufacturers; Tennessee Dept. of Economic and Community Development, Nashville, 1978.

Directory of Texas Manufacturers; Bureau of Business Research, University of Texas, Austin, 1978.

Directory of Utah Manufacturers; Utah Job Service, Utah Industrial Promotion Division, Salt Lake City, 1978.

Vermont State Industrial Directory; State Industrial Directories Corp., New York, 1978.

Washington Manufacturers Register; Washington State Dept. of Commerce and Economic Development, Times Mirror Press, Los Angeles, 1978.

Wyoming Directory of Manufacturing and Mining; Wyoming Dept. of Economic Planning and Development, Cheyenne, 1977.

Classified Directory of Wisconsin Manufacturers; Wisconsin Manufacturers and Commerce, Milwaukee, 1979.

Encyclopedia of Associations, Vol. 1, National Organizations of the the U.S., 12th Edition. Mary Wilson Pair, Edition, Gale Research Co., Detroit, Michigan, 1978.

Intertechnology Corporation, 1977. Analysis of the Economic Potential of Solar Industrial Thermal Energy to Provide Industrial Process Heat.

Million Dollar Directory, Vol. 1, Dun & Brad Street, Inc., New York, New York, 1979.

National Trade & Professional Associations of the United States and Canada and Labor Unions, 12th Annual Edition, Craig Colgate, Jr., Editor, Columbia Books, Inc., Publishers, Washington, D.C., 1977.

Solar Energy Directory, Centerline Company, Jerry Kingery, 1978.

Solar Energy Research Institute, 1979. Characterization of the Market for Solar IPH Systems (Preliminary Draft).

Standard & Poor's Register of Corporations, Directors and Executives, Vol. 1, Standard & Poor's Corporation, New York, New York, 1979.

SOLAR IPH MARKET DEVELOPMENT DIRECTORY

UPDATE SHEETS

DIRECTION: If you find incorrect information in this directory or information missing, please indicate corrections or additions on these update sheets and send to:

Michael DeAngelis
Solar Energy Research Institute
1617 Cole Boulevard
Golden, CO 80401

Based on these update sheets, the directory will be revised each year. Revised pages will be sent to all persons who received a copy of the original directory from SERI.

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		14.	
15. Supplementary Notes			
16. Abstract (Limit: 200 words) The purpose of this directory is to provide a basis for market development activities through a location listing of key trade associations, trade periodicals, and key firms for three target groups. Potential industrial users and potential IPH system designers were identified as the prime targets for market development activities. The bulk of the directory is a listing of these two groups. The third group, solar IPH equipment manufacturers, was included to provide an information source for potential industrial users and potential IPH system designers. Chapter 1 lists trade associations and their publications for selected four-digit Standard Industrial Code (SIC) industries. Since industries requiring relatively lower temperature process heat probably will comprise most of the near-term market for solar IPH systems, the 80 SIC's included in this chapter have process temperature requirements less than 350°F. Some key statistics and a location list of the largest plants (according to number of employees) in each state are included for 15 of the 80 SIC's. Chapter 2 lists architectural/engineering and consulting firms which are known to have solar experience. Professional associations and periodicals to which information on solar IPH systems may be directed also are included in this chapter. Chapter 3 contains a listing of solar equipment manufacturers and their associations. The listing is based on the SERI Solar Energy Information Data Base (SEIDB).			
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