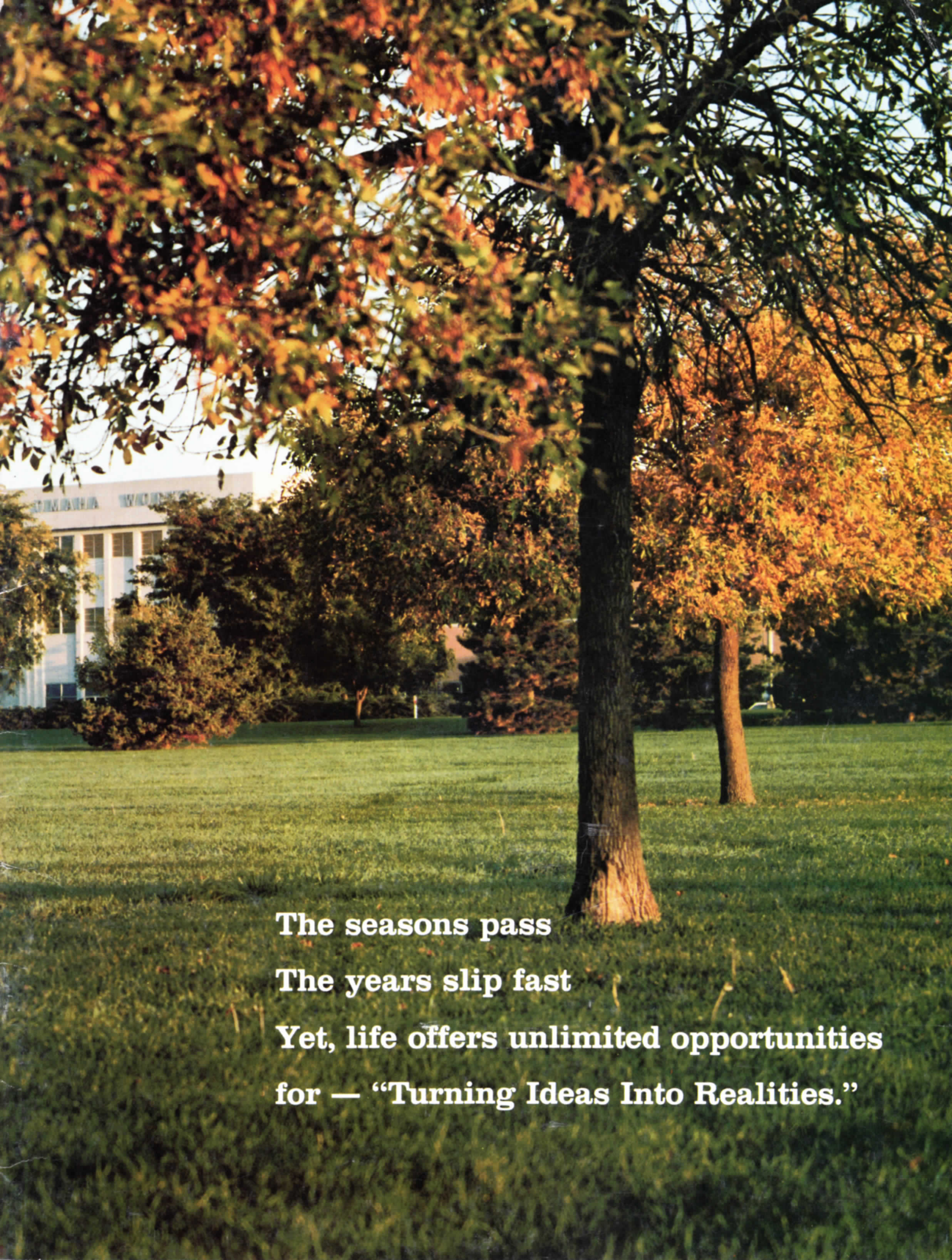

The seasons pass
The years slip fast
Yet, life offers unlimited opportunities
for — "Turning Ideas Into Realities."

The Omaha Works celebrates its 25th anniversary this year. Reaching this milestone provides both an opportunity and a purpose to rededicate ourselves to the excellence that has made our company a leader in telecommunications. This booklet is dedicated to the men and women who have contributed to 25 years of engineering excellence.

25

1958-1982

25 Years of Engineering Excellence

1983 Theme
"Engineers: Turning Ideas Into Reality"

Teamwork, organization and leadership characterize the engineering professionals who have worked for two-and-a-half decades at the Omaha Works. These men and women have displayed the talent, imagination and enterprise necessary to turn their ideas into realities.

Borrowing from the style of American poet Carl Sandburg, the following verses describe the engineers who have worked at the Omaha Works over the last 25 years.

Cable maker for the country,
Switch builder for the nation,
Protector of the environment,
Inventive father of progress,
Humble ambassador to the future.

From the General Manager

Jack R. Childs

As we close the books on 1982, the record of technical accomplishments at the Omaha Works will stand as one of the best in our history. The 1982 theme, "Engineers: Pioneering America's Revitalization," was certainly applicable to our location. The goals established by each organization were challenging. As we look back, we find that many groups not only achieved their goals, but significantly exceeded them.

The transition of the Omaha Works product lines and facilities continued at a rapid pace. Planning in this area will continue in 1983. The changes taking place in our corporate structure will require us to be even more responsive to the markets we serve and our customers. Our reputation for timely delivery of high quality, low cost products, will be tested more than ever.

The outstanding 1982 cost reduction results in each engineering department established a new base from which to plan future efforts. These efforts must be intensified if we are to improve our competitive market position.

Progress in developing and implementing new computer programs continues at a rapid pace in our division. Areas identified for further efforts continue to expand, and this suggests that much remains to be done if we are to keep abreast of the changing workplace.

Demands for new and modernized facilities will place a heavy capital burden on the Omaha Works and the corporation. Your diligent and effective use of our new resources will be vitally important to our future. I know we can count on each of you to help in this vital area.

Our challenge in 1983 is to insure that we at the Omaha Works do not miss an opportunity to excell in our fields of expertise.

J R Childs

Jack R. Childs
Omaha Works

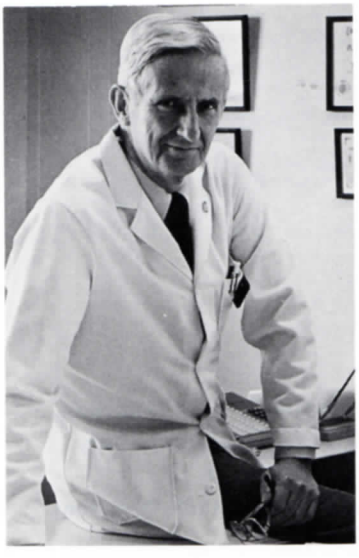
Director

Larry Lewallen

Managers

Jess Ault

James Bosworth



Dr. Lee Grant

Earl McLean

Assistant Managers

(l. to r.) Ralph Beisner, Bob Dunn, Gene Tingwald, Herb Rhodes, Dick Lee, Ed Arnone

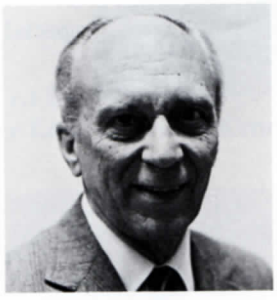
Mark Foster, Dr. Donald Perkin, Bob Tatten, Dale DeBoer, Herb Hickman, John Graf

Ken Stasiek, Tom Bowman, Ed Wigg, Graham Seiter, George Rosness

(Not pictured: Hank Davidson)

1982 Retirees

Milton J. Baker
Dept. 1231
33 Years Service
Retired: 6-1-82



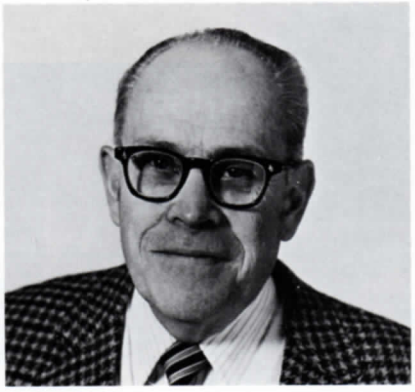
Robert E. Dostert
Dept. 123
45 Years Service
Retired: 4-1-82

James V. Goodbarn
Dept. 755
25 Years Service
Retired: 6-1-82

Neil W. Murray
Dept. 274
31 Years Service
Retired: 6-1-82

Arthur L. Rymill
Dept. 123
27 Years Service
Retired: 7-19-82

Department 101



John Bell

Department 101 is responsible for technical-professional relations and the technical library. This includes serving as an alternate channel for communication, promoting professionalism, advising and acting on areas of concern, participating in orientation of new employees, coordinating CEC enrollments, coordinating performance appraisals/salary administration and special assignments.

Department 271

Tom Lowndes

Department 271 has 11 product engineers and five engineering associates. They are responsible for all manufacturing engineering phases of insulated wire manufacture from rod breakdown to stranding for exchange and vinyl products. They're also responsible for the manufacture of specialty and irradiated wire, testing and test set design, electro-tinning, fine wire drawing, plenum cable and scrap reclamation.

(l. to r.) Tom Leahy, Bernie Cork, Tom Lichliter, Steve Zerbs

Department 271

(l. to r.) Paul Koehler,
Larry Lass, Larry McKenna

Bob Kemp, Phil Lawler,
Jack Slominski

Mike MacVittie, Tom Heim,
John Dinovo

Department 271

(l. to r.) Horst Woellner, Mike Parizek, Dick Gazda

Department 272

Rex Stewart

Department 272 has 10 technical professionals who provide product engineering and design support for load coils, network distribution tooling, miscellaneous central office apparatus, cable stubs, terminal strips, cable terminals and closures.

(l. to r.) Tom Freis, George Pappas, Steve Alloway, Charles Bystrek

Department 272

(l. to r.) Milt Almquist, George Elafros, Carlos Chavez

Wes Nicholas, Mike Szymanski, Glenn Merriman

Department 273

Rex Mallory

Department 273 has 21 technical professionals who are responsible for product engineering in exchange and vinyl cable. This includes stranding, jacketing, sheathing, slitting, core repair, development engineering, planning, new products, CONECS, chemical and plastic development laboratories, plastic and liquid handling, works material and final operations.

(l. to r.) Dean Davis, Paul Baumann, Tony Sansone

Eddie Burek, Bill Kinsley, Collin D'Silva

Department 273

(l. to r.) Warren Petersen, Rick Novak, Al Hartman

Larry Lamb, Loretta Lewis, Mark Zich

Al Dusek, Jim Osterchill, Walt Onisk

Department 273

(l. to r.) Peter Wu, Jim Isley, Stan Marshall

Department 471

Max Strong

Department 471 has eight technical professionals who are responsible for modular station cords and network distribution products planning. The planning function that was assigned recently involves planning the consolidation of station cord manufacture at Baltimore in exchange for equivalent distribution products manufacture, and the planning for additional product line transfer into Omaha.

(l. to r.) Mark Curtis, Bob Loesch, Gil Koppert

Department 471

(l. to r.) Bill Krum, Dick Sudyka, Bill McCormick

Curtis Curry, Pete Lochren

Department 472

Maurie Johnson

Department 472 has 13 planning engineers and engineering associates. They are responsible for network distribution splicing connectors, injection molding and central storeroom engineering. They also devlop manufacturing processes and storeroom procedures. In addition, they acquire and prove in the necessary manufacturing storeroom facilities to temporarily store and dispense raw materials, parts and apparatus.

ı Isley,

(l. to r.) Phil Stubbe, Zuke Zoucha, Don Donze, John Pleskac

Gary Drehsen, Fred Wheeler, Jim Elliott

Department 472

(l. to r.) Al Kummer, Ann Marie Stimpson, Rod Conser

Tom Blair, Fred Stratbucker, Bob Wemhoff

Department 475

Bob Denton

Department 475 has 14 engineers and engineering associates who are responsible for product engineering for 40-, 41- and 80-type cabinets, as well as B-cable terminals, 115A aparatus boxes and 110 patch panel systems. They work primarily with the engineering required to fabricate, paint and assemble metal piece parts associated with each product line.

(l. to r.) Howard Rhoten, Larry Bailey, Nat Adamonis, Glenn Lange

Jay Stewart, Don Ambrose, Ed Stacey, Harold Slaight

Department 475

(l. to r.) Lyndon Ensz, Lalit Goel, Bob Slothower

Norm Grant, Aaron Head, Bill Baco

Department 477

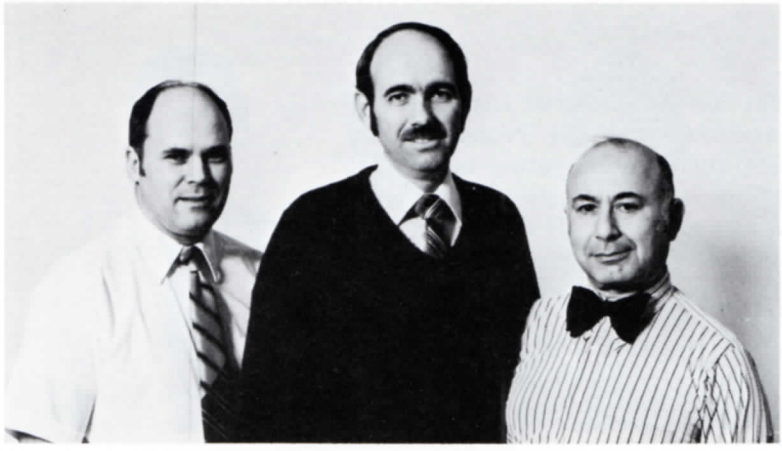
Jim Schwetz

Department 477 has 12 planning engineers and engineering associates. They are responsible for product engineering in #4 crossbar plug-in trunk units, M.C. and miniature wire spring relays, crossbar switches, factory formed cables, R.F. cords, mini carriers, 110 patch cords, PBX carriers, 3A-4A facilities, outside plant test sets, network terminating units, continuous strip solder and gold plating engineering.

(l. to r.) Dan Dankof, Dave Vojtech, Duane Desler

John Hiarity, George Maul, Jack Davis

Department 477



(l. to r.) Gene Tharp, John Wilkening, Clayton Block

Bob Douglas, Aaron Faltin, Mark Allen

Department 490

(l. to r.) Frank Markesi, Art Meier

Organization 490 has two engineering associates who are responsible for network distribution service and engineering. They work exclusively with Account Management representatives and Western Electric customers. Their work involves sales aid preparation and product sales support functions associated with cable and wire products.

Department 711

George Parkerson

Department 711 has 13 industrial engineers and engineering associates who are responsible for network distribution apparatus industrial engineering. They work exclusively with labor resources, and they are primarily involved in work measurement. They are also a valuable resource in the design of the work place.

(l. to r.) Wayne Judds, Helen Ott-Brasch, Scotty Scott, George Ujdur

Bob Attebery, Ed Baco, Gerhart Wehrbein

Department 711

(l. to r.) Don Hanrahan,
Dewey Ehrenberg,
Gene Bielenberg

Dick Winter, Bob Stern,
Gary Steinkraus

Department 712

Bob Kautz

Department 712 has 11 engineers and engineering associates who are responsible for cable/wire and switching apparatus industrial engineering. This includes evaluating labor resources in support of the wage incentives system. They assist other engineering groups in areas of cost reduction, plant layout, work place design and development of strategies relating to cost competitiveness.

(l. to r.) Tony Ciullo, John McLaughlin, Bob Neiderheiser, Peggy Hurd

Gene Valenta, Mel Hewett, Gary Reimers, Roger Jirka

Department 712

Bob Kautz

Department 712 has 11 engineers and engineering associates who are responsible for cable/wire and switching apparatus industrial engineering. This includes evaluating labor resources in support of the wage incentives system. They assist other engineering groups in areas of cost reduction, plant layout, work place design and development of strategies relating to cost competitiveness.

(l. to r.) Tony Ciullo, John McLaughlin, Bob Neiderheiser, Peggy Hurd

Gene Valenta, Mel Hewett, Gary Reimers, Roger Jirka

Department 712

(l. to r.) Bob Hardin, Don Dai, Del Hartung

Department 714

Bill Becher

Department 714 has six engineers who provide statistical quality control engineering. This includes providing statistical services for product engineering, operating, inspection and other organizations. The engineers' primary functions are to provide statistically sound sampling plans for product inspection and process checking.

(l. to r.) Bob Burdett, Bob Urban, Floyd Johnson

Department 714

(l. to r.) Roger Knutson, Tom McNulty, John Synowicki

Department 731

Joe Stivers

Department 731 has seven plant engineers and two engineering associates. They are responsible for factory engineering for cable and office buildings, machine procurement and replacement material handling and packing. These tech-pros provide electrical design and prepare the plant orders for the procurement, installation, relocation and modifications of facilities; and provide layouts and specs for material handling and product packaging.

(l. to r.) Ray Nowacki, Clay Higginson, Jim Grabenbauer

Department 731

(l. to r.) Larry Josoff, John Stenstrom, Joe Hiykel

Larry Moody, Orv Olson, Howard Eliuk

Department 732

Lynn Wenstrand

Department 732 has 14 technical professionals who provide factory engineering service for the apparatus building. These engineers allocate floor space for new and existing products, and develop floor, service and power layouts. They also purchase and install facilities. Electrical engineers provide the design for electrical circuits and controls for manufacturing facilities that are built at Omaha.

(l. to r.) John Tyrcha, Bob Houston, Dave Buddenhagen, Tuck Bolton

(l. to r.) Tom Trometer, Dick Runnels, Don Bailey, Bill Wunderlich

Department 732

(l. to r.) Dick McVicker, Gene Krysl, Chris Christensen

Art Kielma, Gerry Lynch, Sam Virgillito

Department 735

Jerry Sheil

Department 735 has 14 technical professionals who are responsible for factory engineering. This includes machine, tool and gauge design, conventional manual and computer graphics design and drafting. The Omaha Works pioneered the use of CADD for factory layouts, tool and machine design, NC programming and installation drawings. The department has senior and occupational design engineers, engineering associates and draftsmen.

(l. to r.) Gary Kahler, Mike Fager, Bob Richling, Jerry Wessling

Gary Larson, Rog Hedin, Bob Pedersen, Harvey Marx

Department 735

(l. to r.) Lance Jacobi, Marv Rohwer, Art Clausen

Jim Trenerry, Ken Batchelder, Ray Van Cura

Organization 740C

Len Lowder

This organization has one senior staff engineer who serves as a consultant to supervisors, environmental engineers and other engineers companywide. He plans and coordinates pollution control programs including abatement, testing and analysis for air, water, solid and hazardous wastes.

Department 743

Floyd Kriesel

Department 743 has six plant engineers and engineering associates who are responsible for plant engineering and central files. This includes providing electrical, mechanical, civil and architectural engineering services for the construction, modification and maintenance of land, buildings, services and systems at the Omaha Works. The department also provides central file services for all engineering departments.

(l. to r.) Darrel Scholer, Charlie Johnson, Denny Horner

Department 743

(l. to r.) Fred Cottone, John Peterson, Charles Petersen

Department 749

Dick Veach

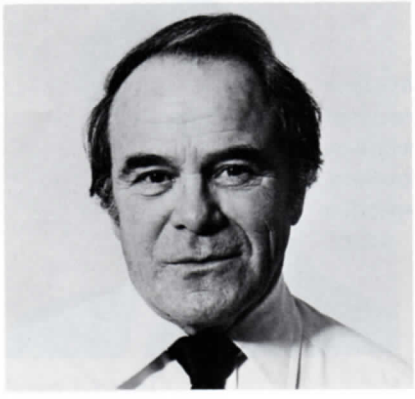
Department 749 has two industrial hygiene engineers, one safety engineer, one waste treatment plant product engineer, one engineering associate on environmental engineering, three plant inspectors, one safety advisor and one safety plant inspection section chief. They are responsible for safety, industrial hygiene and plant inspection.

(l. to r.) Jeff Gamble, Curt Nading, Jim Travnicek

Department 749

(l. to r.) Jerry Cozette, John Schanbacher

Department 1231



Lyle Hermanson

Department 1231 has two planning engineers and three engineering associates who are responsible for quality assurance. They provide information and resources to quality checkers. Results of checker audits are translated into corporate reports identifying levels of quality of product manufactured.

(l. to r.) Bill Baldwin, Al Johnson, Dick Barnes

Department 1231

(l. to r.) Ed Gembica, Charles Taylor

Department 1722

Jim Sharp

Department 1722 has 10 information systems technical-professionals who are responsible for information systems development and data services. This includes the development and support of the Corporate Cost Bulletin System (CBS) and the operation of the Omaha Works data center. Other ISD duties include data base administration, data security and software support.

(l. to r.) Leroy Miles, Ken Stahlecker, Frank Garey, Reg Yates

Department 1722

(l. to r.) Don Myhrberg,
Wayne Langerman,
Larry Nelson

Gary Hacker, Julie Potter,
Bob Wilson

Department 1723

Ralph Brewer

Department 1723 has 12 information systems technical professionals who are responsible for information systems development. They develop, maintain and support the "local" computer systems used by the Omaha Works. They are also functional for development and/or support of some "divisional systems" used by other cable and wire locations.

(l. to r.) Tom Adamson, Jane Goodale, Jerry Taylor

Ron Johnson, Maury Yearout, Bill Miller

Department 1723

(l. to r.) Jackie Myhrberg,
Marlin Nelson,
Marj Garrean

Dave Martin, Ron
Dickmeyer, Bill Chilcoat

25 Years of Engineering Excellence

YEAR	ENGINEERING COST REDUCTION	MERCHANDISE PRODUCTION
1982	$12,159,000	$333,400,000
1981	11,297,000	388,400,000
1980	11,472,000	288,100,000
1979	12,452,000	317,700,000
1978	8,282,000	244,400,000
1977	7,879,000	233,300,000
1976	7,149,000	182,300,000
1975	6,343,000	151,200,000
1974	5,330,000	167,900,000
1973	3,765,000	198,900,000
1972	2,873,000	198,200,500
1971	2,373,000	190,600,000
1970	2,115,000	173,700,000
1969	1,430,000	166,200,000
1968	2,537,000	137,600,000
1967	2,341,000	134,500,000
1966	2,000,000	121,800,000
1965	1,929,000	103,800,000
1964	1,726,000	88,900,000
1963	1,411,000	75,400,000
1962	2,239,000	70,300,000
1961	2,069,000	69,900,000
1960	1,154,000	61,000,000
1959	639,000	38,100,000
1958	65,000	10,000,000

Western Electric

Omaha Works

Cover photo by Roger Howard