

PLAINTIFF'S EXHIBIT

NSC-157

Order Form 1970 Congress Transactions

Qty Ordered	Stock No.	Vol. No.	Title	1-9 Copies	10 or more
	022.22-1	1	General Sessions & Index to all Volumes	\$.95	\$.75
	022.22-2	2	Aerospace; Air Transport	.95	.75
	022.22-3	3	Automotive & Machine Shop; Power Press & Forging	.95	.75
	022.22-4	4	Cement, Quarry & Mineral Aggregates	.55	.50
	022.22-5	5	Chemical; Fertilizer; Research & Development	.95	.75
	022.22-6	6	Civic Leadership; Church, Women, Youth, Farm	.95	.75
	022.22-7	7	Coal Mining	.95	.75
	022.22-8	8	Construction: Public Employee	1.25	1.10
	022.22-9	9	Electronic & Electrical Equipment	.55	.50
	022.22-10	10	Food & Beverage; Meat & Leather Industries; Trades & Services	.95	.75
	022.22-11	11	Glass & Ceramics; Rubber & Plastics	.95	.75
	022.22-12	12	Industrial Subject Sessions; Associations	1.25	1.10
	022.22-13	13	Labor	.95	.75
	022.22-14	14	Marine	.95	.75
	022.22-15	15	Metals	.55	.50
	022.22-16	16	Mining	.95	.75
	022.22-17	17	Motor Transportation	.95	.75
	022.22-18	18	Occupational Health Nursing; Hospitals	.55	.50
	022.22-19	19	Petroleum	.95	.75
	022.22-20	20	Public Utilities	.95	.75
	022.22-21	21	Pulp & Paper; Printing & Publishing	.95	.75
	022.22-22	22	Railroad	.55	.50
	022.22-23	23	School & College	1.25	1.10
	022.22-24	24	Traffic; Driver Improvement	.95	.75
	022.22-25	25	Wood Products; & Textile	.95	.75
	022.22-26	26	Early Morning Sessions	.55	.50
	022.22-27	27	Public Safety	.95	.75
	022.22-28	28	Home Safety	.95	.75
	022.11		COMPLETE SET OF 28 VOLUMES \$14.50		

Automatic 20% discount to NSC members; 10% to U. S. Federal Government Agencies. Payment must accompany all orders of \$5.00 or less.

SHIP TO:

Organization _____
 Address _____
 City _____ State _____ Zip Code _____
 to Attention of _____

BILL TO:

Organization _____
 Address _____
 City _____ State _____ Zip Code _____
 to Attention of _____

Customer's Purchase Order Number _____

MAIL TO:

NATIONAL SAFETY COUNCIL
 425 North Michigan Avenue • Chicago, Illinois 60611

47102

PRINTED IN U.S.A.

022.22-1

52

1970

VOLUME 1

NATIONAL SAFETY CONGRESS TRANSACTIONS

GENERAL SESSIONS

ANNUAL MEETING OF MEMBERS
 CONGRESS BANQUET
 LIST OF EXHIBITORS



NATIONAL SAFETY COUNCIL
 425 North Michigan Avenue
 Chicago, Illinois 60611

PLAN NOW TO ATTEND THE

1971 NATIONAL SAFETY CONGRESS OCTOBER 25-28, 1971 / CONRAD HILTON HOTEL, CHICAGO

1972 The Congress is always a big week, a worthwhile week for the 13,000 safety people who attend.

1973 At the '71 Congress you can meet other safety people, with the same problems and responsibilities as yourself. You can exchange views and ideas on accident prevention, health, hygiene, and fire prevention . . . on safety in industry, traffic, school, at home and on the farm.

1974 You can see the largest of all safety equipment exhibits at the Congress . . . an opportunity for you to make well-informed buying decisions for your company.

This four-day educational program, planned and presented by the National Safety Council, can be your most thought-provoking, most worthwhile safety experience in 1971.

Make plans early to attend the 1971 Congress and bring the other people in your organization who have safety responsibilities.

FUTURE CONGRESS DATES			
1971	October	25-28	
1972	Oct. 30 - Nov. 2		
1973	Oct. 29 - Nov. 1		
1974	Sept. 30 - Oct. 3		

NATIONAL SAFETY COUNCIL
425 NORTH MICHIGAN AVENUE • CHICAGO, ILLINOIS 60611

58th NATIONAL SAFETY CONGRESS

Papers Delivered in the

GENERAL SESSIONS

Officers of the National Safety Council, 1970-71	4
Trustees of the National Safety Council, 1970-71	6
Board of Directors of the National Safety Council, 1970-71	9
ANNUAL COUNCIL MEETING	
Invocation	Rabbi Robert J. Marx 20
Minutes of the Annual Council Meeting	21
Our Senior Citizens	Theodore F. Glizicki 22
Youth Speaks	Linda Ford 24
President's Report	Howard Pyle 25
NATIONAL SAFETY CONGRESS BANQUET	
Invocation	Rev. Robert A. Grunow 28
National Safety Congress Banquet	30
The New Commitment to Safety	The Hon. Jennings Randolph 31
Safety Exposition Exhibitors — 1970	35
Other Volumes in the 1970 National Safety Congress Transactions	52

GENERAL INDEX to all volumes of 1970 National Safety Congress Transactions is available upon request. Address your post card or letter to:
1970 Transactions Index
National Safety Council
425 No. Michigan Ave.,
Chicago, Illinois 60611

National Safety Council

OFFICERS—1970-71

Chairman, Board of Directors—J. H. TYLER McCONNELL, President, Delaware Trust Company, Wilmington, Del.

Vice Chairman, Board of Directors—DR. DEWEY F. BARUCH, President, Detroit Institute of Technology, Detroit, Mich.

President—HOWARD PYLE, President, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

Vice President for Farms—NORMAN C. MINDRUM, Director, National 4-H Service Committee, Inc., Chicago, Ill.

Vice President for Finance—H. S. McFARLAND, Director of Personnel Relations, General Motors Corporation, Detroit, Mich.

Vice President for Homes—MISS JANICE R. WESTABY, M.P.H., Associate Professor, School of Public Health, The University of North Carolina, Chapel Hill, N. C.

Vice President for Industry—COLE A. ALLEN, Vice President, American Mutual Liability Insurance Company, Wakefield, Mass.

Vice President for Labor—ARTHUR P. GILDEA, Secretary-Treasurer, United Brewery Workers, Cincinnati, Ohio

Vice President for Membership—W. C. HEWITT, Chairman of the Executive Committee, Phillips Petroleum Company, Bartlesville, Okla.

Vice President for Motor Transportation—W. L. FAYLE, President, Transportation Division, Burlington Industries, Inc., Burlington, N. C.

Vice President for Production—HUGH CURTIS, Professor, Magazine and Book Journalism, Drake University, Des Moines, Iowa

Vice President for Public Information—HAROLD BURSON, President, Burson-Marsteller, New York, N. Y.

Vice President for Public Safety—ROBERT A. OLEN, Executive Vice President, Crane Carrier Canada Ltd., Rexdale, Ontario, Canada

National Safety Council

(Officers, continued)

Vice President for Religious Leaders—REV. ROBERT A. GRUNOW, Director of Seminary Relations, Concordia Seminary, St. Louis, Mo.

Vice President for Research—B. J. CAMPBELL, Ph.D. Director, Highway Safety Research Center, University of North Carolina, Chapel Hill, N. C.

Vice President for Schools and Colleges—DR. JAMES D. LOGSDON, Professor of Education, Florida Atlantic University, Boca Raton, Fla.

Vice President for State and Local Safety Organizations—F. R. BARNAKO, Manager of Safety and Workmen's Compensation, Bethlehem Steel Corporation, Bethlehem, Pa.

Vice President for Traffic—JAMES P. ECONOMOS, Director, Traffic Court Program, American Bar Association, Chicago, Ill.

Vice President for Women—MRS. CHARLOTTE MONTGOMERY, Contributing Editor, Good Housekeeping Magazine, Westfield, N. J.

Vice President for Youth Activities—ALEX A. MALESKI, Director, National Special Services, Boys' Clubs of America, New York, N. Y.

Executive Vice President—JOHN D. LAWLOR, Executive Vice President, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

Secretary and Treasurer—H. W. CHAMPLIN, Secretary and Treasurer, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

Assistant Treasurer—J. D. FULFORD, Director, Treasury Division, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

Assistant Secretary—JEAN SROOR, Assistant Secretary, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

National Safety Council

TRUSTEES—1970-71

Chairman of the Trustees—HOWARD PYLE, President, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

Vice Chairman of the Trustees—A. E. PERLMAN, Chairman, Eastern Railroad Presidents Conference, New York, N. Y.

Members

E. H. BAILEY, President, Union Pacific Railroad Company, Omaha, Neb.

R. F. BARKER, Chairman, PPG Industries, Inc., Pittsburgh, Pa.

EDWARD J. BOCK, President, Monsanto Company, St. Louis, Mo.

WALTER J. BURKE, Secretary-Treasurer, United Steelworkers of America, Pittsburgh, Pa.

WALTER F. CAREY, President, Automobile Carriers Inc., Flint, Mich.

W. G. CLAYTON, JR., President, Southern Railway System, Washington, D. C.

STEWART S. CORT, President, Bethlehem Steel Corporation, Bethlehem, Pa.

J. DOYLE DEWITT, Chairman, The Travelers, Hartford, Conn.

RUSSELL DEYOUNG, Chairman, Goodyear Tire & Rubber Company, Akron, Ohio

EMILE F. DU PONT, Director, E. I. du Pont de Nemours & Company, Inc., Wilmington, Del.

COY G. EKLUND, Executive Vice President, Equitable Life Assurance Society of the United States, New York, N. Y.

T. M. EVANS, Chairman, Crane Company, New York, N. Y.

National Safety Council

(Trustees, continued)

HENRY W. GADSDEN, President, Merck & Company, Inc., Rahway, N. J.

EDWIN H. GOTT, Chairman, United States Steel Corporation, Pittsburgh, Pa.

WILLIAM E. GRACE, President, Fruehauf Corporation, Detroit, Mich.

THE REVEREND BILLY GRAHAM, Montreat, N. C.

JOHN D. HARPER, Chairman, Aluminum Company of America, Pittsburgh, Pa.

E. ROLAND HARRIMAN, Brown Brothers Harriman and Company, New York, N. Y.

WILLIAM A. HEWITT, Chairman, Deere & Company, Moline, Ill.

JAMES R. KERR, President, Avco Corporation, New York, N. Y.

JOSEPH L. LANIER, Chairman, West Point-Pepperell, Inc., West Point, Ga.

BIRNY MASON, JR., Chairman, Union Carbide Corporation, New York, N. Y.

J. H. TYLER McCONNELL, President, Delaware Trust Company, Wilmington, Del. (Ex-Officio)

BROOKS McCORMICK, President, International Harvester Company, 401 North Michigan Avenue, Chicago, Ill. 60611

NEIL McELROY, Chairman, The Procter & Gamble Company, Cincinnati, Ohio

ROBERT S. OELMAN, Chairman, The National Cash Register Company, Dayton, Ohio

A. E. PERLMAN, Chairman, Eastern Railroad Presidents Conference, New York, N. Y.

HOWARD PYLE, President, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611 (Ex-Officio)

National Safety Council

(Trustees, continued)

J. M. ROCHE, Chairman of the Board, General Motors Corporation, New York, N. Y.

H. I. ROMNES, Chairman, American Telephone and Telegraph Company, New York, N. Y.

THOMAS W. RUSSELL JR., President, Abex Corporation, New York, N. Y.

PHILIP W. SCOTT, President, The Budd Company, Philadelphia, Pa.

LYNN A. TOWNSEND, Chairman, Chrysler Corporation, Detroit, Mich.

M. J. WARNOCK, Chairman, Armstrong Cork Company Lancaster, Pa.

JOHN L. WEINBERG, Partner, Goldman, Sachs & Company, New York, N. Y.

HUNTER P. WHARTON, General President, International Union of Operating Engineers, Washington, D. C.

ROBERT W. WOODRUFF, Chairman, Finance Committee, The Coca-Cola Company, Atlanta, Ga.

M. A. WRIGHT, Chairman of the Board, Humble Oil & Refining Company, Houston, Tex.

National Safety Council

BOARD OF DIRECTORS 1970-71

Chairman of the Board of Directors—J. H. TYLER MCCONNELL, President, Delaware Trust Company, Wilmington, Del.

Vice Chairman of the Board of Directors—DR. DEWEY F. BARICH, President, Detroit Institute of Technology, Detroit, Mich.

Members

ROBERT H. ALBISSE, Safety Coordinator, Corporate Personnel Relations, Merck & Co., Inc., Rahway, N. J.

COLE A. ALLEN, Vice President, American Mutual Liability Insurance Company, Wakefield, Mass.

T. C. ALLEN, Vice President-Industrial Relations, National Association of Manufacturers, New York, N. Y.

A. S. ALSTON, President, Southwestern Bell Telephone Company, St. Louis, Mo.

DUDLEY ANDRY, Executive Director, Metropolitan New Orleans Safety Council, Inc., New Orleans, La.

RICHARD K. AYERS, Managing Director, Colorado Safety Association, Denver, Colo.

HOWARD M. BAKER, Director-Security Department, Montreal Urban Community Transit Commission, Montreal, Quebec, Can.

T. E. BARBER, M.D., Medical Director, Geo A. Hormel & Company, Austin, Minn.

DR. DEWEY F. BARICH, President, Detroit Institute of Technology, Detroit, Mich.

F. R. BARNARD, Manager of Safety and Workmen's Compensation, Bethlehem Steel Corporation, Bethlehem, Pa.

KENNETH N. BEADLE, Vice President, Safety, Pacific Intermountain Express, Oakland, Calif.

HARRY W. BECKER, Director of Safety, American Water Works Association, New York, N. Y.

DR. FRANK BENNETT, Supervisor, Safety Education, Baltimore City Public Schools, Baltimore, Md.

M. F. BIANCARDI, Director, Product Safety, Employers Insurance of Wausau, Wis.

GORDON C. BILL, Vice President and General Manager, Bellcomm, Inc., Washington, D. C.

National Safety Council

(Board of Directors, continued)

LEO BOGART, Executive Vice President and General Manager, Bureau of Advertising, American Newspaper Publishers Association, New York, N. Y.

ROBERT F. BOWERS, Director of Personnel Relations, Chrysler Corporation, Detroit, Mich.

WILLIAM P. BOWLING, Director of Safety and Claims, Continental Trailways, Washington, D. C.

CARROLL W. BOYCE, Director, Motor Truck Manufacturers Division, Automobile Manufacturers Association, Inc., Washington, D. C.

CAESAR BRANCHINI, Director, Division of Publishing Services, The Equitable Life Assurance Society of the United States, New York, N. Y.

CLAUDE R. BROWN, Vice President, National Bank of Commerce, Seattle, Wash.

ALAN F. BURCH, Safety Director, International Union of Operating Engineers, Washington, D. C.

NORMAN R. BURKE, Senior Vice President, Burke Rubber Company, San Jose, Calif.

JAMES BURPO, President, James Burpo Insurance, Inc., Sacramento, Calif.

HAROLD BURSON, President, Burson-Marsteller, New York, N. Y.

CLAYTON D. CALKINS, Manager Safety & Personnel Pacific Motor Trucking Company San Francisco Calif.

B. J. CAMPBELL, Ph.D., Director, Highway Safety Research Center, The University of North Carolina, Chapel Hill, N. C.

WALTER F. CAREY, President, Automobile Carriers, Inc., Flint, Mich.

W. N. CAREY, JR., Executive Director, Highway Research Board, Washington, D. C.

JOHN B. CARNAHAN, Vice President, Armour & Company, Chicago, Ill.

KEN CHEATHAM, Assistant Director, Program Development Division, American Farm Bureau Federation, Chicago, Ill.

A. H. CHRISTIAN, Division Safety Engineer, American Viscose & Chemical Divisions, FMC Corporation, Philadelphia, Pa.

ALLEN L. COBB, Corporate Safety Coordinator, Eastman Kodak Company, Rochester, N. Y.

JOHN T. COLLIER, Director, Special Projects, Social and Rehabilitation Service, U. S. Department of Health, Education and Welfare, Washington D. C.

National Safety Council

(Board of Directors, continued)

PAUL H. CONNELLEY, United Brotherhood of Carpenters and Joiners of America, Washington, D. C.

JOHN M. COURIC, Vice President for Public Relations, National Association of Broadcasters, Washington, D. C.

ERNEST G. COX, Coordinator, Safety Committee on Review and Education, American Trucking Association, Inc., Washington, D. C.

JAMES M. CRAWFORD, Vice President, INA Foundation, Insurance Company of North America, Philadelphia, Pa.

HUGH E. CURTIS, Professor, Magazine and Book Journalism, Drake University, Des Moines, Iowa

M. R. DAPLINGTON, JR., Director, Automotive Industries Division, Highway Users Federation for Safety and Mobility, Washington, D. C.

H. C. DAULTON, Director of Safety, Louisville & Nashville Railroad Company, Louisville, Ky.

HON. MATTIE BELLE DAVIS, Judge, Metropolitan Court of Dade County, Miami, Fla.

MISS NETTIE L. DAY, Chief, Accident Prevention Section, North Carolina State Board of Health, Raleigh, N. C.

EDWARD N. DECK, Consultant, Safety and Plant Protection, General Electric Company, New York, N. Y.

CLAUDE DE ST. PAER, Assistant Director, Program Development Division, American Farm Bureau Federation, Chicago, Ill.

FRANK DICKEY, Vice President, Deere & Company, Moline, Ill.

THOMAS A. DILLON, Business Representative-District 55, International Association of Machinists, Joliet, Ill.

WM. C. DOUCE, Senior Vice President, Phillips Petroleum Company, Bartlesville, Okla.

JOHN L. DOWLING, Director, Safety and Health (Canada), United Steelworkers of America, Toronto, Ontario, Can.

DONALD D. DOYLE, Senior Vice President, Marsh & McLennan, Inc., San Francisco, Calif.

EMILE F. DU PONT, Director, E. I. du Pont de Nemours & Company, Inc., Wilmington, Del.

JAMES P. ECONOMOS, Director, Traffic Court Program, American Bar Association, Chicago, Ill.

MRS. LEWIS EDMUNDSON, Walsenburg, Colo.

National Safety Council

(Board of Directors, continued)

IVAN L. ELAND, Director of Safety Education, Department of Education, University of Northern Iowa, Cedar Falls, Iowa

W. L. FAYLE, President, Transportation Division, Burlington Industries, Inc., Burlington, N. C.

D. M. FERGUSON, Director of Safety Services, Nationwide Insurance Company, Columbus, Ohio

A. C. FIELD, JR., Vice President, Manager, Public Affairs, WGN Group Stations, WGN Continental Broadcasting Company Chicago, Ill.

MAURICE FISCHER, Chicago, Ill.

WELBY M. FRANTZ, President, Eastern Express, Inc., Terre Haute, Ind.

ROBERT G. FRAZIER, M.D., Executive Director, American Academy of Pediatrics, Evanston, Ill.

DR. JOHN V. FRIDLUND, Director of Business Affairs, School District 97, Oak Park, Ill.

JOHN W. GIBBONS, Director of Public Relations, Highway Users Federation for Safety and Mobility, Washington, D. C.

ARTHUR P. GILDEA, Secretary-Treasurer, United Brewery Workers, Cincinnati, Ohio

MRS. LIONEL C. GILMOUR, Bellevue, Wash.

ROBERT E. GOCKE, Vice President, Industrial Relations and Personnel, The Greyhound Corporation, Chicago, Ill.

GEORGE L. GORNELL, Manager, Personnel Safety, Monsanto Company, St. Louis, Mo.

WM. PAUL GRAY, National Executive Secretary, Future Farmers of America, National FFA Center, Alexandria, Va.

CHARLES T. GREENE, Director, D. C. Industrial Safety Division, Minimum Wage and Industrial Safety Board, Washington, D. C.

GERARD O. GRIFFIN, Manager, Hazard Control, Dravo Corporation, Pittsburgh, Pa.

DR. JOHN V. GRIMALDI, Director, The Center for Safety, New York University, New York, N. Y.

REV. ROBERT A. GRUNOW, Director of Seminary Relations, Concordia Seminary, St. Louis, Mo.

SAMUEL R. GUARD, Director, Metropolitan Studies Center, Illinois Institute of Technology, Chicago, Ill.

National Safety Council

(Board of Directors, continued)

GEORGE C. GUENTHER, Director, Bureau of Labor Standards, U. S. Department of Labor, Washington, D. C.

ROY HAEUSLER, Chief Engineer, Automotive Safety and Security Chrysler Corporation, Detroit, Mich.

W. J. HARRISON, JR., Manufacturing Representative, Getty Oil Company, Delaware City, Del.

R. M. HARTMAN, Assistant Manager of Safety and Workmen's Compensation, Bethlehem Steel Corporation, Bethlehem, Pa.

ALBERT L. HAUCK, Vice President, Director of Public Relations and Marketing, Transportation Underwriters, Inc., Indianapolis, Ind.

HARRY HELTZER, President, 3M Company, St. Paul, Minn.

W. C. HEWITT, Chairman of the Executive Committee, Phillips Petroleum Company, Bartlesville, Okla.

DR. KENNETH HILDEBRAND, Minister, The Central Church of Chicago, Chicago, Ill.

JOSEPH R. HOGSETT, Attorney at Law, Hogsett, Shaffer & Gibson, Kansas City, Mo.

E. E. HOISINGTON, Assistant Director, Health & Safety Service, National Council, Boy Scouts of America, North Brunswick, N. J.

PAUL J. HOOVER, Vice President-Civic Relations, The Halle Bros. Company, Cleveland, Ohio

KENNETH A. HOUSMAN, Assistant Postmaster General, Bureau of Personnel, Post Office Department, Washington, D. C.

H. M. HUNTINGTON, General Supervisor of Safety, International Harvester Company, Manufacturing Services, Hinsdale, Ill.

DR. WALTER JACOBY, Vice President, Youth Education, American Institute of Cooperation, Washington, D. C.

T. LAWRENCE JONES, President, American Insurance Association, New York, N. Y.

JAMES L. KARNS, Administrator, Division of Motor Vehicles, Wisconsin Motor Vehicle Department, Madison, Wis.

JAMES E. KENNEY, Vice President and General Manager, Pacific Telephone & Telegraph Company, Los Angeles, Calif.

NORVIN C. KIEFER, M.D., Bronx, N. Y.

ALAN L. KLING, Loss Prevention Consultant, Baldwin, N. Y.

L. W. KNAFF, JR., Chief, Accident Prevention Section, Institute of Agricultural Medicine, The University of Iowa, Oakdale Iowa

National Safety Council

(Board of Directors, continued)

WERNER C. KNOPP, President, The Baldwin Company, Little Rock, Ark.

MRS. HIDEO KODANI, Pacific Palisades, Calif.

DR. DALIBOR W. KRALOVEC, Director, Division of Safety Education, The School District of Philadelphia, Philadelphia, Pa.

MRS. JOHN E. KRUEGER, Milwaukee, Wis.

FRANK E. LADERER, Director of Policyholder and Employee Safety, Nationwide Insurance Company, Columbus, Ohio

E. L. LANGLEY, Vice President-Operations, General Telephone Company of Florida, Tampa, Fla.

JOHN D. LAWLOR, Executive Vice President, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

IVAN F. LE GORE, Safety Director, Portland Cement Association, Skokie, Ill.

C. B. LEMON, Director of School Transportation, New Mexico State Department of Education, Santa Fe, N. M.

EDWIN B. LOCKE, Vice President, Texas Employers Insurance Association, Dallas, Tex.

NILS A. LOFGREN, Vice President, Insurance Institute for Highway Safety, Washington, D. C.

DR. JAMES D. LOGSDON, Professor of Education, Florida Atlantic University, Boca Raton, Fla.

LOUIS F. LUCAS, Executive Director and Treasurer, National Rifle Association of America, Washington, D. C.

REV. M. P. LUTNESS, Assistant Executive Secretary, Division of Service to Military Personnel, Lutheran Council in the U.S.A., Washington, D. C.

RAYMOND M. LYONS, Vice President for Industrial Relations, Fruehauf Corporation, Detroit, Mich.

RUSSELL E. MACCLEERY, Administrative Vice President, Automobile Manufacturers Association, Detroit, Mich.

ALEX A. MALESKI, Director, National Special Services, Boys' Clubs of America, New York, N. Y.

VICTOR J. MARI, Executive Director, Safety Council of Western Massachusetts, Springfield, Mass.

RICHARD E. MARLAND, Ph.D., Assistant Commissioner, Office of Program Development, Environmental Control Administration, Rockville, Md.

National Safety Council

(Board of Directors, continued)

MISS MARION E. MARTIN, Commissioner of Labor and Industry, State of Maine, Augusta, Me.

STANLEY A. MATE, Director, Competitions, Training & Facilities Division, National Rifle Association of America, Washington, D. C.

J. H. TYLER MCCONNELL, President, Delaware Trust Company, Wilmington, Del.

HAROLD S. MCFARLAND, Director of Personnel Relations, General Motors Corporation, Detroit, Mich.

DR. ROSS A. MCFARLAND, Guggenheim Professor of Aerospace Health and Safety, Harvard School of Public Health, Boston, Mass.

JOHN J. MCKENNA, Manager, Security and Safety Department, Mobil Oil Corporation, New York, N. Y.

EUGENE W. MERRY, President, Mine Safety Appliances Company, Pittsburgh, Pa.

VIRGIL L. MEYERS, Company Safety Director, Western Electric Company, New York, N. Y.

MARVIN D. MILLS, Associate Professor, Safety Education, Physical Education Department-Men, Marshall University, Huntington, W. Va.

NORMAN C. MINDRUM, Director, National 4-H Service Committee, Inc., Chicago, Ill.

EDMOND J. MONGEON, National Director, Water Safety, The American National Red Cross, Washington, D. C.

MRS. CHARLOTTE MONTGOMERY, Contributing Editor, Good Housekeeping Magazine, Westfield, N. J.

JOHN MONTGOMERY, Second Vice President, Casualty-Property Department, The Travelers, Hartford, Conn.

JOSEPH E. MOODY, President, Bituminous Coal Operators' Association, Washington, D. C.

GEORGE A. MOORE, Geo. A Moore & Associates, Inc., Portland, Ore.

R. L. MOORE, Manager, Safety Services Division, National Loss Control Service Corporation, Chicago, Ill.

MRS. BERL M. MORRILL, Vice President and Treasurer, A. D. Pease Grain Company, Inc., Burlington, Ver.

THOMAS C. MORRILL, Vice President, State Farm Mutual Automobile Insurance Company, Bloomington, Ill.

EDWARD C. MYERS, Vice President and Assistant to President, United States Steel Corporation, Pittsburgh, Pa.

National Safety Council

(Board of Directors, continued)

W. E. NAUMANN, Chairman of the Board, M. M. Sundt Construction Company, Tucson, Ariz.

LOGAN B. NEB, Manager, Louisville Enamel Plant, American Standard, Louisville, Ky.

AMOS E. NEYHART, Director Emeritus & Consultant, Institute of Public Safety, University Park, Pa.

ROBERT A. OLEN, Executive Vice President, Crane Carrier Canada, Ltd., Rexdale, Ontario, Can.

CAPTAIN DAVID OLIVER, USCG, General Manager, American Boat & Yacht Council, Inc., New York, N. Y.

STANLEY A. OSSMAN, Vice President-Safety, Greyhound Lines-West, San Francisco, Calif.

DAVID A. PADDEN, Industrial Hygienist, United Automobile Workers, Detroit, Mich.

J. U. PARKER, John U. Parker & Associates, Houston, Tex.

DR. ORVILLE G. PARRISH, Director of Pupil Transportation, New Jersey State Department of Education, Trenton, N. J.

R. G. PEARSON, Manager, Information & Media Department, Public Relations, Shell Oil Company, New York, N. Y.

ARTHUR G. PETRY, Administrator, Information and Development, The National Society for Crippled Children and Adults, Chicago, Ill.

JOHN L. PICKENS, Secretary, The Hartford Insurance Group, Hartford, Conn.

FLETCHER N. PLATT, Manager, Traffic Safety and Highway Improvement Department, Ford Motor Company, Dearborn, Mich.

GEORGE H. POPE, Managing Engineer, Casualty & Chemical Hazards Department, Underwriters' Laboratories, Inc., Northbrook, Ill.

LORNE F. PURVES Superintendent of Transportation and Safety, Toronto Star Limited, Toronto, Ontario, Can.

HOWARD PYLE, President, National Safety Council, 425 North Michigan Avenue, Chicago, Ill. 60611

J. S. QUEENER, Manager, Safety and Fire Protection Division, E. I. du Pont de Nemours & Company, Inc., Wilmington, Del.

J. C. RADCLIFFE Supervisor, Environmental Health, Ford Motor Company, Dearborn, Mich.

L. W. RANDT, Farm and Industrial Equipment Institute, Chicago, Ill.

HOWARD REBHOLZ, Safety Director, The Rath Packing Company, Waterloo, Iowa

National Safety Council

(Board of Directors, continued)

J. G. REDLINE, President, Weirton Steel Division, National Steel Corporation, Weirton, W. Va.

JOHN S. REED, President, The Atchinson Topeka and Santa Fe Railway System, Chicago, Ill.

R. L. RICKENBAUGH, President, Rickenbaugh Cadillac Company, Denver, Colo.

MARK D. ROBESON, Executive Vice President, Yellow Freight System, Inc., Kansas City, Mo.

FRANK H. ROGERS Division Vice President, Central Telephone Company, Las Vegas, Nev.

MRS. RUTH C. ROOS, Corporate Secretary, Edw. H. Walters & Co., Inc., Chicago, Ill.

E. M. ROWLEY, President, Southern Specialty Sales Company, Inc., New Orleans, La.

ROBERT RUFF, Editor, The Farmer, St. Paul, Minn.

E. H. RYDHOLM, Vice President-Civic Affairs, Chrysler Corporation, Detroit, Mich.

RICHARD L. SANDERSON, Executive Director, Building Officials & Code Administrators International, Inc., Chicago, Ill.

C. F. SCHLUETER, President, Employers Insurance of Wausau, Wausau, Wis.

KARL SCHULZE, Chief, Vehicle Support Division, Federal Highway Administration, U. S. Department of Transportation, Washington, D. C.

JOHN H. SCHWARTEN, Schwarten Corporation, State National Bank Building, Suite 1375, Evanston, Ill.

W. T. SEWELL, Vice President, Manufacturing, Westminster Corporation, Westminster, Md.

O. D. SHACKELFORD, President, Binyon O'Keefe Storage Company, Fort Worth, Tex.

GORDON H. SHEEHE, Director, Traffic Highway Safety Center, Michigan State University, East Lansing, Mich.

DR. W. HENRY SHILLINGTON, Field Secretary, General Board of Pensions of the Methodist Church, Evanston, Ill.

I. W. SHUTT, Safety Director, Joseph E. Seagram & Sons, Inc., New York, N. Y.

MATTHEW C. SIELSKI, Vice President for Safety and Traffic Engineering, Chicago Motor Club, Chicago, Ill.

National Safety Council

(Board of Directors, continued)

P. L. SIEMILLER, Washington, D. C.

JAMES M. SLAVIN, Director, Traffic Institute, Northwestern University, Evanston, Ill.

LOUIS J. SLAVIN, President, Hawthorne Paper Company, Kalamazoo, Mich.

JUSTIN B. SNYDER, Manager, Activities Department, Lions International, Chicago, Ill.

S. F. SPENCE, Director, Safety and Loss-Prevention, American Cyanamid Company, Wayne, N. J.

LOUIS P. SPITZ, Executive Director, American Association of Motor Vehicle Administrators, Washington, D. C.

HERMAN J. SPOERER, Youngstown, Ohio

WINSLOW A. STAHL, Resident Manager, Liberty Mutual Insurance Company, Springfield, Mass.

STANFORD C. STODDARD, President, Michigan Bank, National Association, Detroit, Mich.

W. E. STUCKEY, Leader, Safety & Emergency Preparedness, Cooperative Extension Service, The Ohio State University, Columbus, Ohio

W. E. STUFFING, Director of Safety, Carrier Corporation, Syracuse, N. Y.

R. K. TIMOTHY, President, Mountain Bell, Denver, Colo.

VINCENT L. TOFANY, Commissioner, Department of Motor Vehicles, State of New York, Albany, N. Y.

C. A. TOLIN, St. Louis, Mo.

N. A. TROMBLEY, Manager, Industrial Health Services, Chrysler Corporation, Detroit, Mich.

QUINCY V. TUMA, Chief Safety Engineer, Texaco, Inc., Houston, Tex.

J. W. TYSSE, Manager of Safety, Republic Steel Corporation, Cleveland, Ohio

LLOYD D. UTTER, Safety Director, United Automobile Workers, Headquarters Office, Detroit, Mich.

JAMES F. VAN NAMEE, Administrator, Accident Prevention, Westinghouse Electric Corporation, Pittsburgh, Pa.

MRS. J. S. VAN WERT, Hampton, Iowa

PRESTON A. WADE, M.D., The New York Hospital, New York, N. Y.

MRS. LAURA WATTS, Montgomery, Ala.

National Safety Council

(Board of Directors, continued)

T. K. WEBB, Regional Vice President, Union Carbide Corporation, Charleston, W. Va.

MISS MARY M. WEEKS, Program Specialist, Health and Safety Education, Girl Scouts of the United States of America, New York, N. Y.

WILLIAM C. WEEKS, Manager of Trade Relations, Willson Products Division, ESB Incorporated, Reading, Pa.

MISS JANICE R. WESTABY, M.P.H., Associate Professor, School of Public Health, The University of North Carolina, Chapel Hill, N. C.

HUNTER P. WHARTON, General President, International Union of Operating Engineers, Washington, D. C.

GEORGE M. WHEATLEY, M.D., Vice President and Chief Medical Director, Metropolitan Life Insurance Company, New York, N. Y.

WILLIAM V. WHITE, Executive Director, National Commission on Product Safety, Washington, D. C.

T. H. WILKINSON, Director of Safety, Department of the Army, Washington, D. C.

HOWARD L. WILLETT, Chairman, The Willett Company, Chicago, Ill.

S. L. WILLIAMS, Safety & Fire Protection Engineer, E. I. du Pont de Nemours & Company, Inc., Wilmington, Del.

DORWIN L. WILLIAMSON, Superintendent, Training and Safety, Cleveland Transit System, Cleveland, Ohio

PAUL S. WISE, President, American Mutual Insurance Alliance, Chicago, Ill.

MACK M. WORDEN, Vice President, General Motors Corporation, Detroit, Mich.

REV. DAVID A. WORKS, Executive Vice President, North Conway Institute, Boston, Mass.

JAMES F. YOUNG, Vice President-Engineering, General Electric Company, New York, N. Y.

JOHN ZICH, Manager, Technical Data & Standards Department, Ford Motor Company, Tractor & Implement Division, Bloomfield Hills, Mich.

ANNUAL COUNCIL MEETING

INVOCATION

By RABBI ROBERT J. MARX

Director, Chicago Federation of the Union
of American Hebrew Congregations

Father of all mankind, Giver of life, three thousand years ago You did place before us Your eternal challenge—"See, I have set before you life and death. Choose life that you may live."

Today and every day we are confronted with the same choice, the instruments of life are in our hands and the instruments of death are in our hands. The choice is ours; it's always ours.

Our God and Father, may we choose life, may our search for safety lead us to combine caution with courage that we may envision bolder plans to enrich life and to enhance its meaning.

May we take the risks so that in the pursuit of safety we may also pursue meaning, a fulfillment for all your creatures. May we become givers of life, as well as savers of life.

Help us, O God, to choose life; help us, O God, to live. Amen.

MINUTES OF THE ANNUAL COUNCIL MEETING

The 1970 Annual Council Meeting of the National Safety Council was held in the Grand Ballroom of the Conrad Hilton Hotel, Chicago, on October 26, with Howard Pyle, President, presiding.

Following presentation of the Colors by the Fifth United States Army Color guard, and the Pledge of Allegiance, led by ROTC Cadet Lt. Col. Richard Salvesson, the invocation was offered by Rabbi Robert J. Marx, Director of the Chicago Federation of the Union of American Hebrew Congregation. (Rabbi Marx's prayer is printed on the preceding page).

Mr. Pyle welcomed the delegates to the Fifty-eighth National Safety Congress and Exposition. Noting that the 1969 Congress established an all-time high in attendance of 14,363, he said we looked forward to the pleasures and benefits of contacts at the 1970 meetings even if economic pressures might not allow us to surpass the record.

To emphasize the Congress theme, "Zero In On Safety," Mr. Pyle said "we would drive ahead as positively as we knew how. Since accidents are no respecters of any circumstances we find ourselves in, the safety community cannot relax its guard for even a single moment—the unguarded moment can be fatally injurious." Delegates were invited to view a premiere film showing immediately following the formal meeting, which would underline the Congress theme.

Mr. Pyle proceeded with the business of the meeting by announcing a quorum present in person or by proxy.

Motions were made to dispense with the calling of the roll, and for approval of the minutes of the previous Annual Meeting as distributed. The motions were put to the vote and carried.

The Chair then called for the report of the Nominating Committee, which consisted of the following members: A. S. "Bud" Alston (Chairman), Werner C. Knoop, Edwin B. Locke, Alex A. Maleski, Eugene W. Merry, Norman C. Mindrum and James S. Van Namee.

Norman C. Mindrum read the report on nominations for Trustees, Members of the Board of Directors, and Officers. With these remarks and the filing of the complete

printed report of the Nominating Committee, he moved the election of the slate as named in the report.

There were no nominations except those presented by Mr. Mindrum. Mr. Pyle announced that 35,255 votes were cast in favor of the Nominating Committee's slate, with no negative votes. Those attending these meetings voted without dissent in favor of the nominations and the Chair declared the nominees elected.

(Secretary's note: Complete lists of the Trustees and the Directors for 1970-71, including those nominated and elected at this meeting, as well as those continuing in office from previous elections, are given on preceding pages of this volume. A list of the officers for 1970-71 is also printed on the preceding pages).

Mr. Pyle then introduced the guests seated on the platform. Presentation of special medallions were made to three retiring officers, Dr. Robert G. Frazier—Vice President for Homes during 1968-70; Robert E. Gocke—Vice President for Motor Transportation during 1968-70; and Paul J. Hoover—Vice President for State and Local Safety Organizations in 1968-70. Mr. Pyle acknowledged the significant accomplishments of each, and expressed the council's deep gratitude for their efforts in behalf of safety.

Following his custom, President Pyle welcomed foreign friends attending the meeting. The Canadian delegates in the audience were asked to rise and be recognized. A 17-member delegation from the Japan Society for Safety Engineering was welcomed and introduced, as were the many other guests from outside the continental United States.

The Chair then reminded the delegates of special events that would take place during the Congress Week, urging everyone to visit the Exposition and Council Service areas. The dates of the 1971 Congress to be held in Chicago were announced as October 25-28.

Mr. Pyle introduced one of the morning's featured speakers, Mr. Theodore Gizicki, who was to speak from the special perspective of a senior citizen. President Pyle

pointed out that we would also hear our traditional message from a youth speaker later in the program, but it was fitting to hear from both the older and younger voices in the community; that these two groups shared one unhappy statistic—there are more accidents among the young and the old than any other age groups. (Mr. Gizicki's address is included as part of the transactions on the following pages.)

After this address, Mr. Pyle turned his attention to the youth groups who contribute such an important part to each annual Congress. He cited the 12 organizations that helped plan the 1970 Congress Youth program. They represented over 13,000,000 young men and women who can make vital contributions to the cause of safety.

The following youth representatives were introduced: Martha Jean Hildebrand, 4-H Clubs of America, Battle Creek, Mich.; Wayne L. Humphreys, Future Farmers of America, Ames, Iowa; Aaron Fontinel, Na-

tional Grange, Tama, Iowa; Jeffrey Smith, Key Clubs International, Chicago, Ill.; Scott Marshall, Explorer Scouts of America, Chicago, Ill.; Eugene Simmons, Junior Red Cross, Chicago, Ill.; Gregory Valasak, Junior Achievement, Brookfield, Ill.; Jesse Dudley, Future Business Leaders of America, Chicago, Ill.; Bill Behm, American Farm Bureau, Mosinee, Wis.; Jane Nemke, Future Homemakers of America, Hatley, Wis.; Carlos Arsinega, Boys Clubs of America, Milwaukee, Wis., and April Smith, Camp Fire Girls, El Paso, Texas.

The delegation of some 300 youth "Safety Scholars" was asked to stand and be recognized.

Mr. Pyle then introduced the youth speaker, Miss Linda Ford, for a special address. (Miss Ford's address and President Pyle's concluding report are included in these transactions on the following pages.)

*H. W. Champlin
Secretary*

OUR SENIOR CITIZENS

By THEODORE F. GIZICKI

Representing American Association of Retired Persons

I bring you greetings from the more than two million members of the American Association of Retired Persons—all of whom are dedicated and committed to the safety movement.

That dedication and commitment is expressed by our involvement with the Defensive Driving Course. Since 1967, our association has trained more than 35,000 persons who are now better drivers because they have taken the National Safety Council course. Many of these people were not members of our Association. They were given instruction by our group in areas where other agencies were not conducting Defensive Driving courses. We are missionaries of the safety movement, assisting councils in remote areas, reaching new segments of the population in others.

Perhaps the most important thing we have been able to do is to help older Americans in their battle to dispel many of the myths that have grown up around the question of aging. We know and I hope you know too,

that age is a relative thing. Older persons can be good drivers. Most older persons are good drivers because they realize the problems they face and the limitations they sometimes have. And they adapt their driving habits accordingly. That really is the heart of the Defensive Driving concept, as you all know.

Nevertheless, we continue to hear unjustified comments about older drivers. We want people to look at us in terms of our actual abilities and potential, and not in terms of the calendar. This December 1 will be celebrating my 50th wedding anniversary. I believe that I am a better driver than many people many years my junior. All I ask—all any older person asks—is to be considered on his merits and not on the basis of the summers he has seen.

I cannot let this opportunity pass without trying in my own way to convey to you the real sense of involvement older people have with the concept of safety.

I was a police officer before I retired to Florida and began spending three or four days a week training older drivers to be safe drivers. So far I've trained more than 1,500 of them and I'm as proud of that as I can be.

As a police officer—a traffic officer—I saw with my own eyes what happened to many accident victims before we had safety belts. We were ignorant of the lives safety belts could save and the injuries they could prevent.

Older persons remember how it was before we enjoyed the benefits of the wide acceptance of many of the safety concepts we take for granted today.

Older persons remember how it was before we had the concept of Defensive Driving. Older Americans realize the need for this kind of continuing safety education. And this educational effort must go on in every aspect of our lives, not just in driving training, not just in industrial safety, not just in home safety, but in every activity we engage in.

Older Americans know this. We know this because as the years stretch on we see the very real and human toll that lack of safety takes. To many of you, statistics tell the tale. But to us, the numbers have a personal ring. An accident means a friend immobilized, a dear one incapacitated. My own daughter died of accidental drowning. That was no statistic. That was a dear life gone—forever.

Our volunteers have carried your message to every part of the nation. In doing this we have made people more aware of the activities of the National Safety Council and its local organizations. We've preached the gospel of safety—and we've done it gladly.

Our organization, the American Association of Retired Persons, and its sister organization, the National Retired Teachers Association, represent more than 2,250,000 people—people who believe in making a contribution to the common cause of safety. We have done a lot. We can and will do more.

However, there is still a great need for better understanding of the special problems older persons have. We ought to pay more attention to little things. If a medicine is packaged so that older eyes can't read the fine print on the container, there is a danger. When buses are built with steps so high that you can't mount them safely, that's a danger. When shelves in the home are built so high you can't reach them without climbing on something, that's another danger—a danger to all—but a particular danger to the older person.

But we survive—despite it all. Safety—not luck—helps us survive. You can't count on being lucky all the time for a period of 60-70-80-90 or 100 years. But you can count on being safe.

A man named Ben Burroughs wrote a few lines which I will read to you now. Perhaps they will help you survive as I have survived, and hope to continue to survive.

"Invest in Safety" by Ben Burroughs

Accidents happen in a flash . . . so always be alert . . . Follow every safety rule . . . And you will not get hurt.

Take your time, proceed with care . . . this is the only way . . . to travel on the road of life . . . and detour sad dismay.

Believe in signs because each is . . . a brilliant guiding light . . . that serves to take you by the hand . . . and lead you to the right.

Remember safety sayings . . . and happy years you'll reap . . . the adages that warn you . . . to look before you leap.

Safety's a paying business . . . that cannot ever fail . . . depressions never hamper it . . . or make its stock curtail.

Work diligently at it . . . outside and in as well . . . give it your close attention . . . and you will live to tell.

Remember what is written . . . and I am sure you'll find . . . safety's a good investment . . . that brings real peace of mind.

YOUTH SPEAKS

By LINDA FORD

President, Post-Secondary Division
Vocational Industrial Clubs of America
Kent County Vocational-Technical Center
Woodside, Delaware

On the first day man created fire: and used it for warmth and for food, then he abused it with his carelessness and it burned his home and his woodlands—and man looked around and said—Oh, well.

On the second day man created factories: to make his clothes, and his food; then they poured into the air the foul odor of smoke and refuse and into his rivers the wastes—and man looked around and said—Oh, well.

On the third day man created machines to cut his wood and cook his food and build his homes; and man got careless with these machines and watched his brothers die—and then man looked around and said—Oh, well.

On the fourth day man created the automobile to transport himself and then he abused it and got careless and again watched his brothers die—then he looked around and said—Oh, well.

On the fifth day man created alcohol to drink at his pleasure and to elevate himself; and man abused it and used it to excess and as a result he watched his brothers die—on the roads, in the factories, in city slums, in the hospitals—and man looked around and said—Oh, well.

On the sixth day man created chemicals and drugs to save his crops, preserve his food, and cure his diseases and illnesses; and then he misused them and began to watch his brothers die—and for the last time man looked around himself and said—Oh, well.

Now it is the seventh day.

And on this seventh when the air and waters are polluted and fouled with waste the highways are crowded and plagued with death, the fires rage over our woodlands and homes, and man is using his drugs and his alcohol to forget about the promise of the seventh day—the seventh day when man shall perish.

It was this seventh promise that causes our student body to turn back the calendar

of the seven days. A student body, at Kent County Vocational Technical Center, that is aware and shocked about the seventh day. I would like to relate to you our backward-week calendar of safety.

Our projects for the calendar fell into three categories.

Our first project was awareness. In some way we needed to bring about an awareness of safety on the part of both adults and students in our community. Slide programs, films, and guest speakers helped to bring about this awareness. It is important to be sure that these programs have, somewhere in their content, someplace where it states just what young people can do to help.

Our second project was involvement. After there is an awareness of safety, it is time to get involvement. This is the hardest part of our backward calendar, and yet it is one of the most successful. You get students involved by making safety mean something to them—by applying it to their homes, friends, and chosen careers. Who should better be interested in occupational safety than a carpenter, a mason, a plumber? Who should be more interested in safety in the use of poisons, drugs, and alcohol than medical services students and child care specialists? How about highway and road safety for auto mechanics and auto body students?

Well, this is what we did at Kent Center, and for the classes and students to whom a particular area of safety did not apply, they specialized in general community or occupational safety.

Our third project was action. After making students aware and getting them involved in classroom safety projects, we offered them the opportunity to take action on the safety infractions and hazards that they found.

And yet, there has to be a drive that makes the students want to devote their time to these projects. This drive was the result of competition. Each involved trade area would sponsor year-long and school-wide

safety programs in their chosen area of safety. They would compete with each other for the first place safety award at Kent Center. During this competition, many new and unique ideas will come to light.

Last year we had a safety inspection lane for cars, a fire equipment check in the community schools and office buildings, a daily safety check and write-up by students in the construction trade areas, a school-wide student safety check looking for emergency fire exits and general safety hazards, seven surveys—both by mailing and door-to-door—filmstrips, speakers and field trips; all arranged and planned by students.

And the great part was that these weren't extra curricula activities—they were part of the classroom course. Maybe that in itself is a key to our success and because we don't have safety projects: we have projects that

make us safe. I only mentioned some of the ways that we turned back the calendar of destruction in Kent County, Delaware. There were many, many more, but they all strive to prove the same point—that it is time for man to stop sighing and saying—Oh, well. It is time to get involved.

However, if I only related to you what one school can do, then my mission would be a failure. The seventh day would be tomorrow. My mission is to urge each one of you to help create youth programs like that at Kent Center all over this land—youth programs set up by students, assigned by students, and carried out by students.

When we have this we have enough enthusiasm, enough strength and enough action to push the hands of time away from the dawns of the seventh day and back to safety.

PRESIDENT'S REPORT

By HOWARD PYLE

President, National Safety Council

May I report to you briefly on certain aspects of the status of safety generally, and the National Safety Council's 1970 experience in particular.

As you have the time, it is hoped you will evaluate the content of our "Report To The Nation—1970." As an economy measure we cut the size of the document in half this year. Customarily we have devoted at least 32 pages to the annual report but this time around we reduced the number of pages to 16.

Some say it will increase readability for the publication and perhaps leave a more easily remembered impression of the complexity of the Council's mission and how we are moving to accomplish it. Others, I'm sure, will be disappointed not to see the usual detailed coverage of the Council's extensive operations. If you have reactions, we would like you to pass them along to us.

A word should also be said about the design of the Green Cross featured on the cover of the Report. It's a result of many months of exploring the idea of modernizing our traditional green cross for safety. Here again your reactions would be appreciated.

As you read in the Report . . . "Today safety is receiving unprecedented public attention. Debate and controversy have emanated from the news media, the public platform, and the halls of Congress. An unprecedented amount of safety legislation has been proposed. Some of it is now law, and some of that law is operative."

With respect to the legislation the pros and cons are almost endless.

The National Safety Council has made it very clear that in its judgment there is no real substitute for the effectiveness of the voluntary safety movement for those who participate. Unfortunately, not all participate. In fact, there is reason to believe there may be as many as three million businesses operating in this country, employing 500 employees or less, where there is virtually no organized effort at all for safety.

Inevitably, this raises the issue of what to do about it. Opinions differ very sharply as in the case of pending legislation in the field of occupational safety and health. At this point the argument has gone beyond the question of whether there should be a Federal law. The differences now revolve almost

CONGRESS BANQUET

INVOCATION

By the REV. ROBERT A. GRUNOW
Director of Seminary Relations,
Concordia Seminary, St. Louis, Mo.

Lord God,

*Creator of both mind and matter, permitting us
to invent and design machines and motors
that life might be lived in greater comfort*

*From the wheel to steel
from steam to gasoline
from the handmade buggy to the assembly line body,
we have moved from muscles, to horsepower
to the combustion engine and the automobile;*

*we have raced with it,
built roads with it,
united a continent with it,
taken Sunday afternoon drives with it,
seen great beauty and known great joy with it;*

*from its profits have come homes and hospitals,
country clubs and churches,
new industries and great cities*

*But we have killed with it,
maimed with it, polluted the air with it,
sinned with it a thousand ways—*

*Give us now, Lord God, Heavenly Father
to solve the problems we have made with it,
the desire to cope with it,
to know again that man was not made for the motor
but motor for man.*

*Through your Spirit move leaders to give us good engineering,
education and enforcement*

National Safety Congress Banquet

*Inspire legislators to enact the laws
Common sense and the common good demand*

*Encourage manufacturers to set the national goal
above immediate economic gain*

*And grant to all who drive
a new love for their brothers
a new concern for our earth
and a rebirth of individual responsibility which will cause them
to support all efforts for the safety of life and limb,
and the improvement and preservation of our environment.*

*You, who both gave the world,
and sent your Son to breathe with us its air,
and behold its beauty in safety,
the while He saved it from itself
and us for you*

*hear us,
and by your Holy Spirit motivate us all
to live safely in true brotherhood*

In the name and for the sake of Christ. Amen.

NATIONAL SAFETY CONGRESS BANQUET

The Banquet of the 1970 National Safety Congress was held in the grand ballroom of the Conrad Hilton Hotel, Chicago, October 28, with J. H. Tyler McConnell, Chairman of the Board of Directors, presiding.

The invocation was offered by the Reverend Robert A. Grunow, Director of Seminary Relations, Concordia Seminary, St. Louis, Missouri. (The text of Reverend Grunow's prayer appears on the preceding page.)

Mr. McConnell welcomed the banquet guests at the 58th National Safety Congress. He said that the private sector of our national economy can point with understandable pride to its support of National Safety Council activities during all these years—and it represented much more than just enlightened self-interest. He said he has been amazed and inspired and humbled by the dedication and commitment exhibited by delegates, members and friends—studying—working—planning together—so that all people of this nation could enjoy safer work places, homes and highways.

Mr. McConnell told of the thousands of lives that have been saved, and the countless millions of our fellowmen who have been spared disabling injuries, because of the efforts of safety professionals in all walks of life. But he explained that the task is growing rather than decreasing; that we must face up to the fact that the work has just begun.

He then introduced the hosts of the Congress at the speaker's table, and recognized the Board Members and Trustees seated in a special section of the ballroom.

The Chairman then introduced Howard Pyle for a special presentation to the Advertising Council.

Mr. Pyle said 1970 marked the 25th anniversary year of the National Safety Council's association with an organization that has combined the resources of the communications media—supported by leading industrial organizations—into one vast agency for preparing and distributing public interest advertising campaigns. The Advertising Council was formed in 1941. It receives no subsidy from government, makes no profit,

operates entirely on a voluntary basis. Its war-time service was so outstanding that, at the close of hostilities, it was reincorporated to assist media and advertisers in their public interest efforts.

"While traffic accidents presented a smaller problem during the war years, by the autumn of 1945 the picture had changed drastically. It was then that the National Safety Council asked the Advertising Council for help.

"Campaigns on 'Since War Ended, Traffic Deaths Have Jumped' and 'Careless Driving is Kid Stuff' were followed by 'When Traffic Laws are Strictly Enforced, Traffic Deaths Go Down.' Succeeding themes like 'Seat Belts Make The Critical Difference' and 'Watch Out For The Other Guy' are familiar to us all. In 1970, the campaign was dedicated to moving drinking drivers off the road.

"The time and talent of some of the best account men, copy writers, and art directors of leading agencies have created these campaigns. Needham, Harper, and Steers'; Foote, Cone and Belding; Young and Rubicam; Cecil and Presbrey; and Campbell-Ewald have worked with us.

"No charge is made for this creative work. Radio and television personalities contribute their services. Many of the professionals rebate their fees.

"Print and electronic media contributions add up to a cash value that is astronomical. The dollar value of time and space contributed by the media is estimated at \$460,000,000 in the preceding 10 years. The time and space contribution by advertisers and by media has been a major factor in the saving of more than 700,000 lives in the last 25 years."

Mr. Robert Kein, president of the Advertising Council, was invited to the speakers' table to accept the special "Flame of Life" award from Mr. Pyle. Representatives of the Advertising Council and Needham, Harper and Steers among the banquet guests were asked to rise and be recognized.

For the featured address of the evening, Mr. McConnell introduced the Honorable

Jennings Randolph, United States Senator from West Virginia. Senator Randolph is Chairman of the Senate Public Works Committee, as well as several Sub-Committees, and he has been officially concerned with all major highway legislations since 1962. (The text of his remarks will be found on the following pages.)

The final part of the banquet program was happily handled by Sam Levenson, one of America's favorite humorists.

Mr. McConnell thanked the guests for attending the 58th Congress and said he hoped they would "Zero In On Safety" with renewed dedication and be blessed with fulfillment during the coming year.

THE NEW COMMITMENT TO SAFETY

By the HONORABLE JENNINGS RANDOLPH
United States Senator from West Virginia

We need a rebirth of individual responsibility in this country as we never needed it before. It's wonderful to have organizations, splendid to have programs that are enunciated by boards of directors, but now we need a rebirth of an individual responsibility to a greater degree than we have for many, many years.

After Apollo Eight, when the three astronauts came to the earth again, they were asked, "What do you remember as the most significant part of all your journey into space?" In essence, all three replied: "The uniqueness, the incredible beauty of the earth from which we had come." This is understandable, because this Earth is a living organism—the only planet, so far as we know, that is a living organism.

Then, after Apollo 13, the three astronauts were asked essentially the same question. Two answered as had the three after Apollo Eight. But one hesitated. He said: "Through the long look, yes, I saw the beauty of Earth—but I saw that we had marred and scarred the Earth on which we live." This concerned him. He spoke about it.

We have marred and scarred the Earth in so many ways. We have been destructive. We have forgotten the new commitment to safety which is an umbrella under which all Americans and people of the Earth can build for the future. We need now, as never before, to think in terms of new commitments and new challenges, because we must think anew—we must act anew—we must disenthral ourselves.

This isn't easy for Americans. We are not eager to do that. We want to continue

so very often to set ourselves in the patterns which are parts of our lives.

So, as we think about the underlying reason for this new commitment, we think not of a pansy when we say that the National Safety Council has been on the job, doing something about the reduction of death and injury caused by accidents. It has been the springboard and the spearhead of the efforts to make Americans increasingly aware, concerned, and then to follow through with action.

I suppose the general public thinks of the Council in that most often noticed exercise during the holiday periods when you implore motorists to drive carefully. And then I presume you have the frustrating function, after having done that, of informing the nation how many persons have actually lost their lives or have been maimed to an extent that they cannot really live in the fullness of service.

But we here know that the concerns of the National Safety Council are much broader, much deeper, their scope is something beyond this matter of highway accidents, because the Council is intensely involved with all the activities in which people are injured or killed because of usually avoidable causes.

There is a need for increased safety consciousness and more effective comprehensive safety programs in every area of our lives. Nowhere, whether in the seclusion of our own homes or in factories or in fields, whether at work or at play, are people really safe; there is always the danger of

a fatal or disabling accident or a disease that could have been avoided.

We Americans, with our vast technological know-how, have accomplished many wonderful and positive results. It is alarming, however, that with these achievements we still witness increased numbers of people being killed and maimed. It is shocking and tragic to realize that 115 million Americans will die accidentally this year, and that accidents will cost our economy the staggering sum of \$27.7 billion. We pause a moment, because these figures really are more than statistics—they are clothed with human beings.

West Virginia is a state whose economy, especially in the past, was geared to the production of bituminous coal. I remember very well when we had 115,000 miners gainfully employed in our state. Now we have 38,000 miners. Not because the huge tonnages of coal do not move to market—we have those in the same degree. But we have labor saving devices. We have mechanization. And the men that were killed in lesser number are being killed in greater number today, with the mechanization, the labor-saving devices, and the technology of which I speak.

I have stood with mothers and wives, literally by the scores, when they have known that their sons and their husbands and their fathers who would not come back above the good earth. And so I have felt what these men and women have felt: the death and the injury and the disease that comes with frightening regularity because of the advances which have been made in the very production of coal itself.

In West Virginia we also have steel mills and great centers of chemical production. We have many other facets of business and industry, and with all of these we have to realize that there cannot be a complacency or a feeling that everything is all right. Because it isn't all right.

There has to be constant pressure by a Council like this to impress upon people that they must be alert to these conditions which almost overwhelm us. This doesn't mean a fight between management and labor. It means the opportunity to join in a partnership, with no senior-junior partner involved, but all working because the job must be done.

What about the United States Congress? In the Public Works Committee of the Senate, and the Labor and Public Welfare Committees on which I am privileged to serve, we've been thinking in terms of helping safety. These assignments, in part, have given me the opportunity to know what people think, and to have before us not a few, but really hundreds of witnesses who, because of their experience and background, and because they meet the problems daily, can be helpful to us.

We are face to face in these two committees with the passage of the most stringent legislation that has ever been adopted for health and safety. This is for industry and it's for business and it's for commerce and, of course, it's for those who toil.

The injury rate of that industry which is so inherently a part of West Virginia is four times that of all American industry. We attempt to reduce accidental death and injury by eliminating the conditions of dust and the way we do the job of mining. We've revised and strengthened the legislation but now, in the provisions of the Bill that have become law, we are going to do a job, I think, that was long overlooked.

But people expect something to be done tonight, and it cannot be done until tomorrow. From instead of the present 250 inspectors who go into the mines to see if the mines are safe, and whether the health conditions are correct, under the provisions of this Bill we need 750 inspectors. You don't pull these people off the streets. These people have to know what they're doing. So just the 500 additional inspectors make it necessary for us to go a little more slowly in the perfection of this legislation, which has already been placed upon the books for the benefit of the coal mining industry.

In the Senate we are debating legislation that is even more important because that legislation will affect about ten states and approximately 150,000 workers. Now we are concerned through the Labor and Public Welfare Committee with an occupational safety and health act which I think will pass. This is comprehensive legislation. It is going to provide the machinery to extend to every industry in the United States pro-

grams to safeguard the health and the safety of the workers, and it will be beneficial to industry and management.

We have a great industrial complex in this country. It's the strongest, the most productive, in the world. But when 14,500 persons are killed every year in accidents working within industry, isn't that the time to act? The time is long overdue, and I am sorry for the failures of the past. But I think we'll come to grips with this problem now and, instead of the timid steps, make an all-out frontal attack and the Congress will pass the legislation.

In the Public Works Committee we are directly involved with these subjects. I touched upon what the astronauts found and how they expressed themselves and how in a sense we have degraded and desecrated this earth. We need not so much the recycling of waste from humans, but we need a recycling of the human spirit. These two must go together in the months and the years that are ahead. We have to reduce pollution. All the air and water pollution, solid waste disposal, this is within the keeping of our committee.

The very people who talk about health and safety are the intruders upon the quality of life and the enhancement, certainly the strengths, of America that must come from an understanding at least partially of improving for health and safety these facilities which are all about us.

Someone will say, "it's a world problem." Yes, it is. And tonight, when the policemen go out on the beats in Tokyo, they'll be out thirty or forty minutes and then they'll have to go back in and breathe oxygen, so they can go out again. In the month of September alone, 9,000 persons in Tokyo were treated for lung and throat and eye ailments due to pollution in the air over that great area of Tokyo.

Layers of smog mixed with fog are in three-fourths of the skies above the United States of America. Not only over Los Angeles County, but all over the air above the United States. It's such a serious problem that I had not thought to talk about it, but in connection with safety, it's a subject all in itself. But somehow or other I think the Council can bring this subject into greater focus than before in connection with

the safety and the health of the people of the United States.

When we come to the highway problem—and it is a great problem—we are seventy per cent complete in our Interstate System of 42,500 miles. But what has happened? We have had primary and secondary roads deteriorate to such an extent that that's where the accidents are coming from. Not on the Interstate, but on these roads that have been allowed to just fall apart during the period since 1957.

These are the programs where, in the future, we are going to have to understand we cannot have different formulas. We're going to have to have one formula. Perhaps 65-35, then allow the states to make the determination. Shall we put the impact for two years on so-called interstate or defense roads? Or on primary and secondary roads? This will be a determination for the states, because there will be no dollar advantage for building one type of a road or another. And so this is directly a part of the program of the future, of keeping insofar as possible the strength of our highway system in such a stage of development that the lower accident rate will continue, because it is a favorable accident rate where the Interstates are compared with the other highways.

We have been complacent, because the highway accident rates have gone down. It is too easy to fall into the trap of believing that we have accomplished more than is actually the case. The facts are not in figures alone, or in raw statistics, because the raw statistics are posed with bodies. And 56,400 persons died on the highways of the United States—just last year.

This total continues to rise annually and represents nearly one-half of all the accidental deaths in the United States. Well, commendation is due to those who have worked to reduce the rate of the highway deaths, but so long as more than a thousand people die every week on our roads, can you be satisfied? No, I am sure you cannot be. That's the reason we must do more.

In 1966, Congress passed the Highway Safety Act to initiate a positive and vigorous program of reducing these accidents. Financing for the critical program has been dependent upon the annual appropriations. One of the troubles of the Congress of

the United States is the passage of an authorization act built upon the testimony for the need, but then we never follow through and appropriate enough dollars to do the job what we know should actually be done. So I am critical of the Congress on that score, and myself, of course, in degree, as well.

In the past four years, in our Department of Transportation, we have been able to obligate only \$162 million to the fifty states plus the District of Columbia and Puerto Rico for highway activities in the sixteen program areas which were set forth. And so, because of this situation, in the present Federal Highway Act, we provide for highway safety for the first time to be financed from the Highway Trust Fund. I think the financing will significantly assist this Department of Transportation in developing what I know are meaningful safety programs that must be carried forward. We are going to continue hearings next year on highway safety, as we have never continued them before. And we are going to see if there aren't further changes that need to be made.

Most safety programs cannot be truly effective unless state and local authorities accelerate their activities and exhibit that determination which is absolutely necessary, which frankly has not been shown enough in the past. And so, more effective law enforcement, I think, is a key to reducing death and injury on the highways. Those

109 million licensed drivers constitute more than one-half of our total population and among these, I am sure, are a significant number who should not be permitted behind the wheel of a motor vehicle. I am not hard-handed when I say that. These problem drivers—narcotic addicts and those who habitually ignore the regulations that are for the safe movement of traffic—are a menace. They must be taken off the roads. This must be done. And you must help to bring it into being.

Effective progress cannot be made until we identify these persons and actually remove them from the highways. The license to drive a car is not a license to use the car as a lethal weapon. And those who use a car for that purpose have forfeited, in my opinion, their right to drive an automobile on the roads of America.

Safety is everybody's business. This maxim has been repeated, and now it's familiar—almost a cliché. Repetition, though, does not diminish the truth of the statement, and I hope we will keep it in our minds and in our hearts, not only in our work to improve safety at every level, in every facet of our society, but also in our personal lives. As with many other endeavors, it is the example that we set, not just what we say, that can determine our true effectiveness in promoting programs for the benefit of others.

I challenge you. And I know you accept the challenge—a partnership for progress and for safety.

SAFETY EXPOSITION EXHIBITORS — 1970

Acme Anti-Skid Corp., 3437 S. Hanover St., Baltimore, Md. 21225
Safety surfacing.

Aden Supply Co., 5706 W. River Dr., N. E., Belmont, Mich. 49306
Safety glasses.

Adolf and Company, 3453 W. Foster Ave., Chicago, Ill. 60625
Industrial clothing.

Advance Glove Mfg. Co., 901 W. Lafayette Ave., Detroit, Mich. 48226
Industrial work gloves and clothing.

Ag-Tronic, Inc., 1801 W. "B" St., Hastings, Nebr. 68901
Slow moving vehicle emblems.

The Airomat Corp., 802 Van Buren St., Ft. Wayne, Ind. 46804
Fatigue relief safety mats.

Akron Brass Mfg. Co., P. O. Box 86, Wooster, Ohio 44691
Fire fighting equipment.

Alan Wood Steel Co., Conshohocken Road, Conshohocken, Pa. 19428
Abrasive rolled steel floor plate.

Allied Glove Corp., 4308 W. Armitage Ave., Chicago, Ill. 60639
Gloves and clothing.

Aluminum Ladder Co., West Darlington St. Ext., Florence, S. C. 29501
Fiberglas industrial ladders and accessories.

American Allsafe Co., Inc., 1245 Niagara St., Buffalo, N. Y. 14213
Drybrow sweatbands, nylon fan guards and related products.

American Chain and Cable Co., Inc., 929 Connecticut Ave., Bridgeport, Conn. 06602
Sling chains and sling chain assemblies, wire rope slings and assemble-your-own wire rope slings.

American Footwear Corp., 1 Oak Hill Rd., Fitchburg, Mass. 01420
Safety shoes and boots.

American Industrial Safety Equipment Co., 3500 Lakeside Ave., Cleveland, Ohio 44114
Welding and cutting goggles, spectacles, welders' lenses, hard hats, visitors' spectacles, and goggle clips.

American Molded Products Ltd., 350 Gate 5 Rd., Sausalito, Calif. 94965
Traffic guide posts, delineators and cones.

American Optical Corp., 14 Mechanic St., Southbridge, Mass. 01550
Head, eye, respiratory, protective devices; safety clothing; safety specialty products.

1970 National Safety Congress

- E. D. Bullard Co., 2680 Bridgeway, Sausalito, Calif. 94965**
Safety hats, caps, and accessories, industrial first aid kits, safety hoist hooks, vehicle alarms, air purifiers, and ear plugs.
- CAH Industries, 10245 Pacific Ave., Franklin Park, Ill. 60131**
Self-extinguishing waste receptacle.
- Calgon Commercial Div., Calgon Corp., 7501 Page Ave., St. Louis, Mo. 63166**
Hand cleaning products.
- Cam-Hi Safety, Inc., 2377 John Glenn Dr., Atlanta, Ga. 30341**
Safety headwear and rainwear.
- Canrad Precision Industries, Inc., 629 Fifth Ave., New York, N. Y. 10803**
Safety signs.
- Cardox Div., Chemetron Corp., 840 N. Michigan Ave., Chicago, Ill. 60611**
Fire fighting equipment and supplies.
- Casco Products Corp., 512 Hancock Ave., Bridgeport, Conn. 06602**
Hand-portable pressurized dry chemical fire extinguishers.
- Casell Co., Inc., 1785 Tanen St., Napa, Calif. 94558**
Emergency lights and barricades.
- Cesco Safety Products, 2727 W. Roscoe St., Chicago, Ill. 60630**
Safety glasses and lenses, cup goggles, special purpose goggles, welding helmets, face shields, respirators, plastic aprons, and hoods.
- Charleston Rubber Co., 16 Stark Industrial Park, Charleston, S. C. 29405**
Rubber, plastics, and rubber coated gloves, aprons and sleeves.
- David Clark Co., Inc., 360 Franklin St., Worcester, Mass. 01604**
Muff-type ear protection.
- The Coca-Cola Co., P. O. Drawer 1734, Atlanta 30301**
Coca-Cola served through the courtesy and cooperation of the Coca-Cola Bottling Company of Chicago.
- Columbus McKinnon Chain Div., 160 Fremont St., Tonawanda, N. Y. 14150**
Sling chains, hooks, and coupling links.
- Converse Rubber Co., 392 Pearl St., Malden, Mass. 02148**
Safety toe rubber footwear, industrial rubber footwear, protective clothing of rubber and neoprene.
- Cotswold-America, Inc., 999 S. Cleveland, Oceanside, Calif. 92054**
Automatic breath tester.
- Custom Materials Inc., Alpha Industrial Park, Chelmsford, Mass. 01824**
Static-free permanently conductive polyolefin.

List of Exhibitors

- Dahlberg Electronics, Inc., 7731 Country Club Dr., Golden Valley, Minn. 55427**
Audiometric devices.
- Den-Va Company, 62 Stanhope St., Brooklyn, N. Y. 11221**
Nylon safety spectacles.
- Descent Control Div., U.S. Forgecraft Corp., 5721 S. Zero St., Ft. Smith, Ark. 72901**
Climbing devices.
- Detex Corp., 53 Park Place, New York, N. Y. 10007**
Watchmen's clocks.
- R. E. Dietz Co., 225 Wilkinson St., Syracuse, N. Y. 13201**
Lanterns, torches, flares, barricades, and safety equipment.
- Diversa Sign, 4518 Lakeside Ave., Cleveland, Ohio 44114**
Changeable letter safety sign panels.
- Dixon Valve & Coupling Co., Second St. & Columbia Ave., Philadelphia, Pa. 19122**
Safety hose couplings.
- H. E. Douglass Engineering Sales Co., 3400 W. Burbank Blvd., Burbank, Calif. 91505**
Hearing protectors.
- Dow Corning Corp., Midland, Mich. 48640**
Sight Savers, lens cleaning stations.
- Dresser Crane Hoist & Tower Div., 414 W. Broadway, Muskegon, Mich. 49443**
Lifting devices.
- Duff-Norton Co., 100 Pioneer Rd., Box 1719, Charlotte, N. C. 28201**
Hand chain hoists.
- E. I. du Pont de Nemours & Co., Inc., (Nomex Div.), Wilmington, Del. 19898**
"Nomex" fabric.
- E. I. du Pont de Nemours & Co., Inc., (Freon Div.), Wilmington, Del. 19898**
Fire extinguishing agent.
- Duracraft Corp., 2630 S. 2nd W., Salt Lake City, Utah 84110**
Gloves.
- Durable Textile Products Co., 809 N. 19th St., Philadelphia, Pa. 19130**
Dust masks.
- Durafab Disposables, Inc., Box 658, Cleburne, Texas 76031**
Industrial & safety disposable apparel.
- Eagle Mfg. Co., 24th & Charles Sts., Wellsburg, W. Va. 26070**
Safety cans, cigarette-cigar butt cans, drain cans, brass oilers.
- Eastern Metal of Elmira, Inc., 1430 Sullivan St., Elmira, N. Y. 14901**
Safety signs.

Eastern Safety Equipment Co., Inc., 19-79 Steinway St., New York, N. Y. 11105
Safety goggles and spectacles.

Edmont-Wilson, 1205 Walnut St., Coshocton, Ohio 43812
Coated and impregnated work gloves.

Elan Industries, Inc., 2429 University Ave., St. Paul, Minn. 55114
Emergency lighting.

Elkhart Brass Mfg. Co., Inc., 1302 E. Beardsley Ave., Elkhart, Ind. 46514
Nozzles and other fire department supplies and fire fighting equipment.

Emed Co., Inc., 1675 South Park Ave., Buffalo, N. Y. 14220
Safety signs.

Encon Mfg. Co., 4914 Dickson St., Houston, Tex. 77007
Eye wash fountains, emergency showers, personal air conditioning equipment.

Environmental Acoustical Research, Box 2146, Boulder, Colo. 80302
Custom fitted hearing protection.

Falcon Safety Products, Inc., 1137 Route 22, Mountainside, N. J. 07092
Fire alarms, sirens, horns, bells and other signaling devices.

Federal Sign and Signal Corp., 13625 S. Western Ave., Blue Island, Ill. 60406
Sirens, horns, bells, and warning lights for visual and audible signaling.

Fendall Co., 2222 Diversey Pkwy., Chicago, Ill. 60647
Spectacles, face shields, and cup-type and cover goggles.

Ferno-Washington, Inc., 5th and Tilghman Sts., Greenfield, Ohio 45123
Emergency patient handling equipment and accessories for the first aid room.

Fibre-Metal Products Co., 5th and Tilghman Sts., Chester, Pa. 19016
Safety hats and caps, face shields, safety masks, welding helmets, headrest and combination goggles.

Fine Organics, Inc., 205 Main St., Lodi, N. J. 07644
Solvents, carbon removers, emulsion cleaners, polishers, and disinfectants.

Fire-Atak, Ltd., 777 Dundas St. E., Toronto, Can.
Fire extinguishers.

Flents Products Co., Inc., 103 Park Ave., New York, N. Y. 10017
Hearing protection.

Ford Division—Ford Motor Co., Box 658, Dearborn, Mich. 48121
Ford passenger car with safety features.

Frommelt Industries, Inc., 465 Huff St., Dubuque, Iowa 52001
Wrap-around portable safety welding shield; portable welding screen.

Pyrepe Products, Inc., 951 Buckeye, Newark, Ohio 43055
High heat protective clothing and equipment for industry, space-military, and fire fighting agencies.

General Electric Co., 1 River Rd., Schenectady, N. Y. 12305
Ear protectors.

General Fire Extinguisher Corp., 1685 Shermer Road, Northbrook, Ill.
Fire extinguishers.

General Motors Corp., 3044 W. Grand Blvd., Detroit, Mich. 48202
Automotive safety.

General Radio Co., 300 Baker Ave., W. Concord, Mass. 01742
Hearing protection equipment and testing.

GenTex Corp., Box 315, Carbondale, Pa. 18407
Head protection equipment.

Glas-Tex, 14832 Arrow Highway, Baldwin Park, Calif. 91706
Fiberglass safety signs.

Glendale Optical Co., Inc., 130 Crossways Park Drive, Woodbury, N. Y. 11797
Eye and face protective equipment.

Globe Safety Products, 125 Sunrise Place, Dayton, Ohio 45407
Resuscitators.

The Granet Corp., 25 Loring Drive, Framingham, Mass. 01701
Coated fabric work glove.

A. E. Halperin Co., Inc., 716 Columbus Ave., Boston, Mass. 02120
Stretchers, first aid kits, and accessories.

Haws Drinking Faucet Co., 4th and Page Sts., Berkeley, Calif. 94710
Emergency eyewash and showers.

Hazard Controls, Inc., Woodland & Yale Aves., Cherry Hill, N. J. 08034
Warning lights, barricades, signs, reflectors, cylinder clamps, lockouts, ladder shoes, can carriers, flags, and barrier rope.

Warren Heim Corp., 222 N. 5th Ave., Mt. Vernon, N. Y. 10550
Canvas buckets, bags, and protective covers.

Herculite Protective Fabrics Corp., 1107 Broadway, New York, N. Y. 10010
Safety fabrics.

Himco, Inc., Valley Head, Ala. 35989
Ladders.

Edward Hyman Co., 3939 Landmark St., Culver City, Calif. 90230
Protective clothing.

Hy-Test Safety Shoes, Div., of International Shoe Co., 1509 Washington Ave., St. Louis, Mo. 63166
Safety shoes and conductive and nonconductive footwear.

Illinois Glove Co., 7301 N. Lawndale Ave., Skokie, Ill. 60076
Industrial work gloves and lineman's gloves.

Industrial Products Co., 2880 N. 4th St., Philadelphia, Pa. 19133
Industrial clothing.

Interstate Div., Royal Industries, 947 N. Vignes St., Los Angeles, Calif. 90012
Traffic cones, markers and delineators.

Intext Driver Testing Equipment, Pawnee & Oak Sts., Scranton, Pa. 18515
Driver testing equipment.

Iron Age Safety Shoe Co., 2406 Woodmere Dr., Pittsburgh, Pa. 15205
Work and dress-style safety shoes and safety rubber footwear.

Jackson Products, 5523 E. Nine Mile Rd., Warren, Mich. 48091
Goggles, welding helmets, face shields, safety hats and caps.

Jefferson Chemical Co., Inc., 3336 Richmond Ave., Houston, Tex. 77006
Fire fighting concentrate.

Jomac-Products, Inc., 863 Easton Rd., Warrington, Pa. 18976
Chemical and protective vinyl clothing and gloves, and terry cloth gloves and products.

Jonas Senter, 1 Park Ave., New York, N. Y. 10016
Steel toe rubber boots.

Jones and Co., 861 Broad St., Providence, R. I. 02907
Full-vision visor goggles and replaceable lenses.

Junkin Safety Appliance Co., Inc., 3121 Millers Lane, Louisville, Ky. 40216
Interlocking barrier gate guard for power presses; safety shields for grinders; stretcher cases and stretchers.

Justrite Mfg. Co., 2061 N. Southport Ave., Chicago, Ill. 60614
Safety cans, bench cans, plunger cans. Oily waste cans. Electric lanterns and flashlights for use in hazardous areas.

Kamen Aerospace Corp., Old Windsor Rd., Bloomfield, Conn. 06002
Foam fire fighting kit.

Karel First Aid Supply Co., 4342 Ogden Ave., Chicago, Ill. 60623
Medical equipment for industrial hospitals and first aid rooms.

Kaufman Footwear, Ltd., 410 King St., W., Kitchener, Ontario, Can.
Safety footwear.

K D Lamp Co., 1910 Elm St., Cincinnati, Ohio 45210
Emergency lighting.

Walter Kidde and Co., Inc., 675 Main St., Belleville, N. Y. 07109
Portable fire extinguishers, and accessories. Automatic carbon dioxide fire extinguishing system.

Kimberly-Clark Corp., N. Lake St., Neenah, Wisc. 54956
Industrial wipers, disposable industrial clothing.

Kimsafe, Inc., 4900 Campbell Road, Willoughby, Ohio 44094
Personal protection devices for industry.
Personal protection devices for employees in industrial plants.

Knapp King-Size Corp., One Knapp Centre, Brockton, Mass. 02401
Safety shoes.

Laerdal Medical Corp., 136 Marbledale Rd., Tuckahoe, N. Y. 10707
Training aids and equipment for resuscitation and first aid.

Lectric Lites Co., 2504 W. Vickery St., Ft. Worth, Tex.
Barricade flasher lights and traffic signs.

Walter G. Legge Co., Inc., 101 Park Ave., New York, N. Y. 10017
Safety floor maintenance materials. Personnel and equipment grounding devices.

Lehigh Safety Shoe Co., First and Minor Sts., Emmanus, Pa. 18049
Leather and rubber safety footwear including conductive and electrical hazard shoes.

Lensclean, Inc., 151 W. 25th St., New York, N. Y. 10001
Lens cleaning products.

Liberty Protective Leathers, Box 211, Clark Mills, N. Y. 13321
Leather gloves and mittens.

Louisville Ladder Co., 1163 Algonquin Pkwy., Louisville, Ky. 40207
Fiberglass and aluminum steps, platforms, extension trestles, aluminum planks and stages, steel warehouse ladders.

Thom McAn Shoe Co., 67 Millbrook St., Worcester, Mass. 01606
Safety shoes.

Julian A. McDermott Corp., 1639 Stephen St., Ridgewood, Brooklyn, N. Y. 11227
Warning and safety lighting for municipal industrial and utility use.

Machinery Center, Inc., 1201 S. 6th West, Box 964, Salt Lake City, Utah 84110
Sala Safety Block.

Magid Glove Mfg. Co., Inc., 2201 W. Wabansia Ave., Chicago, Ill. 60647
Industrial gloves.

1970 National Safety Congress

Maico Hearing Instruments, 7375 Bush Lake Rd., Minneapolis, Minn. 55435
Hearing protection equipment.

Mark Indicator Co., Box 70, Easton, Pa. 18042
Crane warning device.

Marketing Frontiers, 235 Bear Hill Rd., Waltham, Mass. 02154
Traffic safety products.

Mars Disposables, 350 Fifth Ave., New York, N. Y. 10001
Disposable wearing apparel.

Martindale Electric Co., 1375 Hird Ave., Cleveland, Ohio 44107
Protective masks and refills, protective eyeshields, and electrical testing instruments.

Medical Supply Co., 1027 W. State St., Rockford, Ill. 61101
First aid kits and accessories, Resuscitation training aids, stretchers.

Meyer Mfg. Inc., Box 114, Red Wing, Minn. 55066
Safety products for the protection of person while climbing.

Miller Equipment Co., Inc., 13th and New Sts., Franklin, Pa. 16323
Linemen's safety equipment and accessories.

Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh, Pa. 15208
Complete line of safety equipment for industry and mining.

Mopeco Div., General Cable Corp., 2001 S. Bannock St., Denver, Colo. 80223
Portable ventilating and heating equipment.

Morse Safety Products Co., 18103 Roseland Ave., Cleveland, Ohio 44112
Eye protection.

Mott Corp., 500 Shawmut Ave., LaGrange, Ill. 60526
Safety mowers.

M-P Corp., 6466 Chene St., Detroit, Mich. 48211
Safety blade for rotary lawn mowers.

National Fire Hose Corp., 516 E. Oaks St., Compton, Calif. 90224
Fire hose specialties for the industrial fire departments.

National Fire Protection Assn., 60 Batterymarch St., Boston, Mass. 02110
Fire safety publications.

National Foam System, Inc., Union & Adams Sts., W. Chester, Pa. 19380
Fire fighting equipment.

Newco Mfg. Co., Inc., 13531 Wyandotte St., Kansas City, Mo. 64145
Wire rope fittings, miniature slings, and a miniature crane demonstrating various lifts.

List of Exhibitors

Newton Glove, Inc., P. O. Drawer 7, Newton, N. C. 28658
Safety and work gloves.

Norris Industries, U. S. Highway # 1, South, Newark, N. J. 07114
Fire extinguishers and fire fighting systems.

North American Signal Co., 2700 N. Pulaski Rd., Chicago, Ill. 60639
Emergency warning lights.

Northeast Advertising, 10 Highland, Prospect, Conn. 06712
Safety promotional materials.

Northern Signal Co., 350 Tower Rd., Sankville, Wis. 53080
Flashers and barricades.

Occupational Hazards, 614 Superior Ave., W., Cleveland, O. 44113
Occupational Hazards Magazine.

On Gard Industrial Footwear, Inc., 5516 W. Cermak Rd., Chicago, Ill. 60650
Safety shoes.

Onox, Inc., 121 Second St., San Francisco, Calif. 94105
Foot protective products.

Osborn Mfg. Co., 960 N. Lake St., Warsaw, Ind. 46580
Safety pliers, lockout devices, mufflers and stretcher cases.

Pack-Kit Safety Equipment Co., 1 Seneca Place, Greenwich, Conn. 06831
First aid kits and supplies.

Paralta Equipment Co., 2036—164th Pl., Hammond, Ind. 46320
Flashing lights, barricades, traffic cones, vests, flags, trouble lights, signs.

Patent Scaffolding Co., 11-11 34th Ave., New York, N. Y. 11106
Aluminum scaffolding, rolling, and wood and aluminum ladders.

Pedley-Knowles & Co., 533 Second St., San Francisco, Calif. 94107
Safety and work nets of manila rope and plastic.

Pem-All Mfg. Co., 39A Myrtle St., Cranford, N. J. 07016
Fire extinguishers.

Personal Environment Systems, 4429 San Fernando Rd., Glendale, Calif. 91204
Respiratory protective systems.

The Pioneer Rubber Co., 1939 Tiffin Road, Willard, Ohio 44890
Industrial gloves.

Plectron Corp., Overton, Nebr. 68863
Communications equipment.

The Positive Safety Mfg. Co., 1052 E. 134th St., Cleveland, Ohio 44110
Power press safety devices.

1970 National Safety Congress

Power-Pak Products, 2280 Niagara St., Buffalo, N. Y. 14207
Fire Fighting Equipment.

Prairie State Products Co., 3822 W. Lawrence Ave., Chicago, Ill. 60625
Industrial safety signs.

Protect-Aire Div., Kennel-Aire Mfg. Co., 725 N. Snelling Ave., St. Paul, Minn. 55104
Driver protection guards.

Protectoseal Co., 225 Foster Ave., Bensenville, Ill. 60106
Safety containers for the handling, storing and dispensing of flammable liquids.

Protexall Co., P. O. Box 307, Green Lake, Wis. 54941
Clothing.

Pulmosan Safety Equipment Corp., 30-48 Linden Pl., Flushing, N. Y. 11354
Respirators, eye protection, helmets, protective clothing, asbestos and leather gloves, safety glasses, first aid kits, and face shields.

Pyrotronics, Div. Baker Industries, 8 Ridgedale Ave., Cedar Knolls, N. J. 07927
Fire and smoke detection and alarm systems.

Racine Glove Co., Inc., Box 368, Rio, Wis. 53960
Safety gloves and apparel for industry and fire protection, safety specialty products.

Radiator Specialty Co., 1400 W. Independence Blvd., Charlotte, N. C. 28201
Traffic guides; cones, light, flags.

Rainfair, Inc., 1501 Albert St., Racine, Wis. 53401
Wet weather and safety clothing.

Ramset Fastening System, 289 Winchester Ave., New Haven, Conn. 06504
Low-velocity piston tool.

Raybestos Manhattan, 205 Middle St., Bridgeport, Conn. 06603
Novatex, asbestos fabric.

R. C. Industries, 320 Cantor Ave., Linden, N. J. 07036
Fire extinguishers.

Record Industrial Co., 1020 8th Ave., King of Prussia, Pa. 19406
Industrial safety shoes, work clothing and work gloves.

Red Wing Shoe Co., 119 Main St., Red Wing, Minn. 55066
Safety workshoes, oxfords, and boots.

J. C. Renfro Sons, Inc., Box 4279, Jacksonville, Fla. 32201
Safety clamps for lifting steel.

Research & Trading Corp., 209 Greenbank Rd., Wilmington, Del. 19808
Climbing device.

List of Exhibitors

Reviv-A-Life Resucitators, 8335 S. Halsted St., Chicago, Ill. 60620
Resuscitation equipment.

Reynolds Televator Corp., 1104 Sixth St., Muskegon, Mich. 49440
Telescopic work platform.

Rockford I. C. Webb, Inc., 301 N. Madison St., Rockford, Ill. 61110
Noise resistant ear protectors.

Rose Mfg. Co., 2700 W. Barberry Pl., Denver, Colo. 80204
Automotive seat belts. Industrial safety belts, lanyards, net, and ladder safety devices.

Safeline Products, Putnam, Conn. 06260
Safety Clothing.

Safe-T-Onics Corp., Box 9556, Ft. Worth, Tex. 76107
Driver alert systems.

Safety Appliance Co., 319 E. Front St., Tyler, Tex. 75.01
Foot protection.

Safety & Industrial Net Co., 23 Edgerton St., East Hampton, Conn. 06424
Safety Nets.

Safety Clothing and Equipment Co., 1990 E. 69th St., Cleveland, Ohio 44103
Safety clothing and equipment for industrial workers.

Safety First Products Corp., 175 Saw Mill Road, Elmsford, N. Y. 10523
Portable stored pressure dry chemical fire extinguishers.

Safety First Shoes, Inc., 9th and Greenleaf Sts., Allentown, Pa. 18105
Safety shoes for industry, railroad, and military use.

Safety Guide Products, Borg-Warner Corp., 345 N. Third, Scottsburg, Ind. 47170
Highway warning devices.

The Safety Journal, Anderson, S. C. 29621
Safety publication.

Safety Laboratories, Inc., 6780 N.E. 4th Ave., Miami, Fla. 33138
Emergency oxygen.

Safety Products Co., 4806 Chicago Ave., Chicago, Ill. 60651
Safety lighting.

Salescaster Displays Corp., 1010 E. Elizabeth Ave., Linden, N. J. 07036
Illuminated moving message signs.

W. H. Salisbury and Co., 401 N. Morgan St., Chicago, Ill. 60622
Linemen's rubber protective devices.

Sawyer-Tower Products, Inc., 76 Stanley Ave., Watertown, Mass. 02172
Industrial protective, and safety clothing.

Schubert Corp., 1205 Champlain St., Toledo, Ohio 43604
Safety hats and caps, face shields, accessories.
Helmets, safety hats and caps, safety goggles, and wrap-around protective goggles.

Scott Aviation, 225 Erie St., Lancaster, N. Y. 14086
Respirators, inhalators, and environmental protection equipment.

Searjeant Safety Products, 3111 Winton Rd., S., Rochester, N. Y. 14623
Press guards.

Seiberling Latex Products, 4500 S. E. 59th St., Oklahoma City, Okla. 73135
Industrial rubber gloves.

Sellstrom Mfg. Co., Highway 53 at U. S. 14, Palatine, Ill. 60067
Eye and face protective equipment.

Seron Mfg. Co., 15 W. Jefferson St., Joliet, Ill. 60431
Eye glass guards.

The Servus Rubber Co., 1136 Second St., Rock Island, Ill. 61201
Rubber footwear of all types.

Sigma Engineering Co., 11320 Burbank Blvd., N. Hollywood, Calif. 91601
Hearing protection equipment.

Singer Safety Products, 450 N. Lake Shore Dr., Chicago, Ill. 60611
Gloves, portable welding screens.

A. O. Smith Corp., 1602 Wagner Ave., Erie, Pa. 16510
Static electricity measurement.

Speakman Co., 301 E. 30th St., Wilmington, Del. 19899
Emergency eyewash and showers.

Standard Industrial Products Co. of Ill., 3527 Farmington Rd., Peoria, Ill. 61601
Dunking station smoking receptacles.

Standard Safety Equipment Co., 431 N. Quentil Rd., Palatine, Ill. 60067
Acid and chemically resistant clothing.

Standard Signs Inc., 3190 E. 65th St., Cleveland, Ohio 44127
Industrial accident prevention signs and road work area protection equipment.

Sta-Put Enterprises, Inc., 201 Willow St., Massapequa Park, N. Y. 11762
Wheel Chocks.

Steel Grip Safety Apparel Co., Inc., 700 Garfield St., Danville, Ill. 60832
Hand and body protection.

Stephenson, Div. of Bangor Punta, Box 1000, Red Bank, N. J. 07701
Resuscitation equipment, Speedalyzer, Breathalyzer.

Stonehouse Signs, Inc., 5550 W. 60th St., Arvada, Colo. 80002
Accident prevention signs and tags.

Stop-Fire, Inc., U. S. 1 at Black Horse Lane, New Brunswick, N. J. 08902
Fire extinguishers.

Surety Rubber Co., North High St., Box 97, Carrollton, Ohio 44615
Safety apparel, gloves, sleeves, aprons, and specialized protective equipment.

Surty Mfg. Co., 4139 W. Kinzie St., Chicago, Ill. 60624
Press guards.

Survivair, Division of U. S. Divers Co., 3323 W. Warner Ave., Santa Ana, Calif. 92702
Self-contained breathing equipment. Wet pick-up vacuum unit. Voice amplifiers.

S. G. Taylor Chain Co., Inc., 3-141st., Box 508, Hammond, Ind. 46325
Alloy steel chain and fittings.

Titmus Optical Co., Inc., 1015 Commerce St., Vicksburg, Va. 23804
Safety frames, safety lenses and vision tester.

Thermal Conduction Engineering, 865 Roosevelt Ave., Secaucus, N. J. 07094
Safety shower—eyebath combination.

Tracor, Inc., 6500 Tracor Lane, Austin, Tex. 78721
Hearing protection and testing equipment.

Tri-Lite, Inc., Box 794, Skokie, Ill. 60076
Traffic safety products.

Tri-Tix, Inc., 6411 N. Mequon Rd., Mequon, Wis. 53092
Safety cones traffic posts.

Underwriters' Laboratories, Inc., 207 E. Ohio St., Chicago, Ill. 60611
An independent testing organization for public safety.

Unico Environmental Instruments, Box 590, Fall River, Mass. 02722
Environmental health services.

Uniroyal, Inc., 1230 Sixth Ave., New York, N. Y. 10020
Safety footwear.

U. S. Forgecraft Corp., Box 387, Fort Smith, Ark. 72901
Safety hardware.

U.S. Gypsum Co., 101 S. Wacker Dr., Chicago, Ill. 60606
Safety grating.

1970 National Safety Congress

United States Safety Service Co., 1535 Walnut St., Kansas City, Mo. 64108
Industrial eyewear and hearing protection.

U. S. Safety Trolley Corp., 1070 Banksville Ave., Pittsburgh, Pa. 15216
Electrical conductors on crane and runways.

Velcro Corp., 681 Fifth Ave., New York, N. Y. 10022
The Velcro fastener.

Wagner Sign Service, Inc., 3100 Hirsch St., Melrose Park, Ill. 60160
Changeable copy displays for employee relations and safety programs.

Watchmocket Optical Co., Inc., 232 W. Exchange St., Providence, R. I. 02903
Safety goggles, respirators, face shields and safety signs.

Welsh Mfg. Co., 9 Magnolia St., Providence, R. I. 02909
Respirators, safety spectacles, goggles, safety hats, faceshields, and welding helmets.

Western Drinking Fountains, Inc., Glen Riddle, Pa. 19037
Eye wash fountains and drench showers.

Wheeler Protective Apparel, Inc., 224 W. Huron St., Chicago, Ill. 60610
Industrial safety apparel.

Whelen Engineering Co., Inc., 3 Winter St., Deep River, Conn. 06417
Emergency and warning lights, flashers, and beacons.

White-Haines Optical Co., 82 N. High St., Columbus, Ohio 43216
Safety eyewear.

Whitchall Laboratories, 685 Third Ave., New York, N. Y. 10017
Industrial first-aid.

Williams Jewelry and Mfg. Co., 4544 N. Western Ave., Chicago, Ill. 60625
Safety plaques, trophies, awards, emblems, badges, and incentives.

Willson Products Div., Electric Storage Battery Co., 2nd and Washington Sts., Reading, Pa. 19603
Personal protective equipment for industry.

Wolverine World Wide, 9341 Courtland Dr., Rockford, Mich. 49341
Hand and head protection.

Worklon, Inc., 64 New York Ave., Huntington, N. Y. 11744
Special purpose clothing—acid-resistant, lint-free, static free and fire retardant.

Worksafe, Inc., 12 W. 31st St., New York, N. Y. 10001
Protective clothing.

Wyandotte Chemicals Corp., Wyandotte, Mich. 48192
All-purpose absorbant for grease, oil.

List of Exhibitors

American Assn. of Industrial Nurses, 6900 Grove Rd., Thorofare, N. J. 08086
The industrial nurse's role in safety.

American Industrial Hygiene Association, 25711 Southfield Rd., Southfield, Mich. 48075
Information about associations activities.

American Medical Association, Council on Occupational Health, 535 N. Dearborn St., Chicago, Ill. 60610
Occupational Health literature.

American National Red Cross, 17th & D Sts., Washington, D. C. 20006
Water safety.

Chicago Fire Department
Information on the work of the Fire Prevention Bureau.

Chicago Police Dept., Traffic Div.
Traffic safety.

Inter-American Safety Council, 140 Cedar St., New York, N. Y. 10006
Safety publications, visual aids, and films, in Spanish for industrial, highway, and home.

Prevention of Blindness Inc., National Society for the, 16 E. 40th St., New York, N. Y. 10016
Literature and information in industrial and vocational school eye health and safety programs.

U.S. Army, The Pentagon, Washington, D. C.
The U.S. Army safety program.



National Safety Council

A Membership Organization Dedicated to Protecting Life and Promoting Health

March 21, 2001

Baron & Budd, P.C.
The Centrum
3102 Oak Lawn Avenue, Ste. 1100
Dallas, TX 75219-4281

To Whom It May Concern:

The attached records are kept and maintained in the regular course of business of the National Safety Council, and it is the regular course of business of the National Safety Council to keep and maintain the attached records.

The attached photocopied material is an authentic reproduction of an original file copy of :

NATIONAL SAFETY COUNCIL CONGRESS TRANSACTIONS 1970, VOLUMES 1-5, 7-23.
25, 27.28.
National Safety Council, Chicago, IL.

Respectfully,

Robert J. Marccek
Manager, Library

