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1977 **National**
Safety
Congress
Transactions

VOLUME 1 **General Sessions**

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PLAINTIFF'S EXHIBIT
 NSC315



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Council

65th NATIONAL SAFETY CONGRESS

Officers of the National Safety Council 1977-78	3
Trustees of the National Safety Council 1977-78	5
Directors of the National Safety Council 1977-78	7

Papers Delivered in the Annual Council Meeting

Invocation	<i>Rabbi Mordecai Simon</i>	19
Minutes of the Annual Council Meeting		20
Greetings from Governor James Thompson	<i>Lt. Governor David O'Neal</i>	23
Greetings from Mayor Michael Bilandic	<i>Gen. Francis Kane</i>	25
Remarks by Chairman of the Board	<i>John E. Angle</i>	28
Annual Address of the President	<i>Vincent L. Tofany</i>	30
Safety Exposition Exhibitors		35
Dates for the 1978 National Safety Congress and Exposition		55
Other Volumes/Order Blank for 1977 NSCTransactions	Back Cover	

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78th Congress

Project 73 1917
Approved by
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INVOCATION

By Rabbi Mordecai Simon
Executive Director, The Chicago Board of Rabbis,
Chicago, Illinois

Almighty and eternal God, we beseech Your blessings upon this gathering of Your children who are meeting in a genuine spirit of fellowship and brotherhood. We are indeed ever grateful for Your bounties of liberty and equality. And so we pray, imbue us with wisdom and understanding. May the deliberations of the National Safety Council ever be motivated by the earnest consideration for the welfare of all of our fellow men. And mindful of our programming goals, let us always be aware that only through Your light can we ourselves achieve enlightenment.

Inspire us to labor zealously and unflinchingly for the perpetuation of the American way of life. Guard our country from intolerance and blind prejudice. Keep our borders free from every enemy, both within and without. And grant us clear minds so that we may approach the problems of our day with forthrightness and unselfishness. Cause us to realize that crises and chaos are the inevitable consequence of the clouded and obstinate mind, and that prosperity, happiness, and peace can be the product of thoughtful and open-minded reflections.

Spread Your tabernacle of peace over all the nations of the earth, that the work of peace be righteousness and its effect freedom from fear and want for all men everywhere. May the Lord grant strength to His people, may He bless His people with His most precious gift of peace in a world ever at peace. Amen.

Minutes of theANNUAL COUNCIL MEETING

The Annual Meeting of the National Safety Council convened on October 17, 1977, in the Grand Ballroom of the Conrad Hilton Hotel, Chicago, IL at 9:50 A.M., with Vincent L. Tofany, President, presiding as Chairman.

The meeting was called to order and started with the assemblage singing "America the Beautiful," followed by an invocation offered by Rabbi Mordecai Simon of the Chicago Board of Rabbis.

President Tofany expressed his gratification at seeing how many were in attendance, with a realization of the dedication to safety that this meant on the part of the individuals who were there and the organizations they represented. He was impressed to see that the cause of safety commanded this kind of priority during rather troubled times in the economy.

The Chairman then introduced the Honorable David O'Neal, Lt. Governor of the State of Illinois, who was representing the Governor of Illinois, James Thompson.

President Tofany thanked Lt. Governor O'Neal for taking time to extend a welcome from the State of Illinois to the National Safety Congress delegates. He remarked about the positive trends in accident rates in Illinois, and he hoped they would continue to improve in the future.

Mr. Tofany then read the text of a wire which he had received from the White House:

"I am very pleased to greet the members of your Council during this National Safety Congress. I appreciate your dedicated and extensive work in assuring the safety of our citizens. You have earned nationwide gratitude and respect for your worthwhile efforts." — The telegram was signed by

President Jimmy Carter.

President Tofany followed with some remarks about the close working relationship between the City of Chicago and the National Safety Council. He pointed out joint efforts undertaken with the Transit Authorities and participation in a special Inner City project. This latter project involved a safety education program in which the staff cooperated with the Chicago Department of Human Services.

Reflecting on the Council's long relationship with the City of Chicago, Mr. Tofany expressed our sadness at the passing of Mayor Richard Daley, who had always been a strong advocate of safety education and a firm supporter of the Council.

The Chair then introduced General Francis Kane, Deputy Commissioner of Public Works, representing Chicago Mayor Michael Bilandic. General Kane conveyed special greetings from the Mayor. President Tofany expressed his appreciation to General Kane for his words of welcome and for taking time to participate in the meeting.

Mr. Tofany then remarked about the continuing need to "Take the Extra Step for Safety," which was the theme of the 1977 Congress, stating that the year had both good and bad news: good news that overall accident rates had gone down three per cent; and bad news that motor vehicle death rates had increased two per cent, as published in the Council's 1977 edition of *Accident Facts*. So, the challenge remained, and each person had to devote as much time and effort as possible to further the mission of accident prevention. The recipients of extra effort will be our families, working cohorts, friends, and neighbors.

Chairman Tofany then turned to the official business of the Annual Meeting of the National Safety Council, advising

that a quorum of members entitled to vote were present in person or by proxy. Motions for dispensing with the call of the roll and approval of the minutes of the previous meeting were duly made, second, and carried.

The Chair called for the report of the Nominating Committee, which included J. H. Tyler McConnell, Miss Gwen Harper, Mrs. John E. Krueger, John J. McKenna, George B. Morris, Jr., John O'Hara, John L. Pickens, and Mark D. Robeson. The report was submitted by Mr. McKenna (substituting for Chairman McConnell). Mr. McKenna stated that the Committee had proposed as candidates for various functions men and women who were well qualified to manage Council affairs and carry the Council toward further achievements. He thanked those who had served so well since the last meeting, some of whom would continue to serve as a result of prior elections.

With these remarks and the filing of the complete printed report of the Nominating Committee, Mr. McKenna moved for the election of the Trustees, Members of the Board of Directors, and Officers named in the report. The motion was duly second, and carried. The Chair declared those named by the Nominating Committee as elected to their various positions and thanked the members of the Committee for their work in preparing the slate that had been elected.

President Tofany then introduced the guests who were sharing the platform, followed by presentation of mementos to three retiring Vice Presidents: Kenneth H. Anderson (Vice President for Youth Activities), Dr. Charles Foster (Vice President for School and College), and Louis Spitz, (Vice President for Traffic).

The Chairman then extended a special welcome to international delegates in attendance. This year's representatives came from 25 countries: Aruba, Australia, Brazil, Canada, Chile, China, Costa Rica, England, Finland, France, Guatemala, India, Iran, Ireland, Jamaica, Manila, Mexico, New Zealand,

Nigeria, Norway, Panama Canal Zone, Puerto Rico, South Africa, Sweden, Venezuela, and the Virgin Islands. All were invited to rise and be recognized. Mr. Tofany reminded them that they were to be honored guests at an International Breakfast reception during the Congress.

Announcements were made about the record size of the Exposition with more than 350 Exhibitors using 560 booths to display over 1,500 safety products and services. The Palmer House was added to meet the expanded needs of the Congress. NSC staff was available at the Hilton and the Palmer House to answer questions about membership services, *National Safety News*, the Associate Membership program, and many other special Council services. A shuttle bus service was operating between the Hilton and Palmer House as a convenience to delegates. "Supervisors Day" on Thursday was expanded to include both morning and afternoon sessions. Also noted were tours of the Council's headquarters offices, the new delegate nameplate badges, and a new format for the final printed program.

President Tofany then recognized the largest youth contingent in the Council's Congress history, some 250 young people representing a wide range of youth groups, both urban and rural.

Mr. Tofany introduced John E. Angle, who had completed his first year as Chairman of the NSC Board of Directors, remarking on his devotion during the year to the assignment. Mr. Angle had worked closely with management throughout the period and attended many meetings in Chicago and elsewhere around the country.

After Mr. Angle's remarks, President Tofany delivered his annual address to the members. In concluding he stated that he and the delegates faced a full week of activities with opportunities to learn more about our mutual concern and interest—the prevention of accidents. Thanking all for being present, he wished them success in achieving this objective.

he meeting was declared adjourned.
Thomas J. Decker, Corporate Secretary

O'Neal, General Francis Kane, NSC
Board Chairman John E. Angle, and
President Vincent L. Tofany are on the
following pages.)

Texts of remarks by Lt. Governor David

Proceedings

GREETINGS FROM GOVERNOR JAMES THOMPSON

By Lt. Governor DAVID O'NEAL
State of Illinois, Springfield, IL

*Speeches
Illinois*

For those of you out of state that have never heard of Dave O'Neal, Lt. Governor of Illinois, don't feel bad. Those of you from Illinois who are here probably haven't heard of me either.

I first want to apologize for Governor Jim Thompson. He was planning on being with you and could not because of prior commitments in government, and, as I do very often, I am trying to fill in for him. We are fortunate in Illinois to have such a fine man as Governor.

I wanted to just take a second, if I might, to check, how many here are from Texas? How many from Texas know where Hemphill and Yellow Pine, Texas are?

I tried to think of a story to tell you about safety. I know it's early in the morning, and I thought of one that's kind of an old story, but it's about the man flying a small Cessna 210 from St. Louis to New Orleans. He developed engine trouble and called the little airport there in Hemphill, Texas. He called the tower and said, "This is Cessna 210 from St. Louis. I'm having problems with my engine. I'm going to have to make an emergency landing." The tower came back and said, "Hi, y'all, there, St. Louis Cessna 210." He said, "You come in from the east, use our east-west runway."

About that time, another voice came on, the captain of a DC-9 United coming from New Orleans to St. Louis. He also had developed engine problems, also called Hemphill tower, and said, "This is flight 226, United, from New Orleans to St. Louis. I have engine problems. I have to make an emergency landing." The voice came back from the tower and said, "Hi, y'all, United flight 226. You use our east-west runway and come in from the west."

The little Cessna came back and said, "You told me to make an emergency landing, use your east-west runway and come in from the east. Then you told that big DC-9 to use the same runway and come in from the west?" He said, "That's right, St. Louis Cessna 210. Y'all be careful now, you hear?"

A popular country and western song goes, "Heaven is just a sign away," and I think that catchy phrase has a lot to say for itself as we continue to violate everyone's safety through our highway and occupational activities.

The fifth Commandment says "Thou shalt not kill," but how many times do unthinking inebriated drivers set out on our highways and how often in fact does that result in death, or at least crippling effects, effects which not only cripple or maim the victims but have a staggering effect on our wellbeing as a nation as well?

Talk abounds about the evils of war and the ways of containing and controlling crime, and the importance of neutralizing our enemies through the SALT agreement, yet a large amount of our population continues to ignore a wide spectrum of controllable killings by individually ignoring what is going on on our highways. We sin against each other every time we negligently get behind a wheel or negligently operate a piece of machinery in our factories.

There were 46,398 reported deaths in 1976 which were attributable to accident collisions in this nation; 4.5 per cent or 2,073 of those deaths occurred in Illinois. In addition, approximately 182,000 persons were involved in traffic accidents in Illinois, and the estimated cost of those accidents exceeded \$1,080,000,000. Though on the surface those figures are

outrageous, we take some solace in the fact that those figures are slightly down from 1975. That is hardly enough.

Illinois, as you know, has always had a close working relationship with the National Safety Council, and I certainly think that it was through the combined efforts of the Safety Council and our own State Department of Transportation, as well as our Illinois Council membership, that we were able to bring down the fatality and accident rate, not only in traffic accidents but all accidents as well. Our organization, through the work of each member organization as well as each member, has done much to increase the national consciousness of safety and

safety procedures.

Your organization, through your public information and data gathering center, is well known throughout the nation, and judging by your agenda, I see this will be another consciousness-raising week and I wish you well.

To those of you from out of the State of Illinois, I'd like to extend my best wishes to you for an enjoyable day, and to those of you from Illinois, I'd like to thank you for your continuing efforts in making Illinois a safer place to live. I know it won't be all work, and I hope you enjoy our city, and my advice is, "Y'all be careful now, hear?"

GREETINGS FROM CHICAGO MAYOR MICHAEL BILANDIC

By Gen. FRANCIS KANE
Deputy Commissioner of Public Works,
City of Chicago, Chicago, Ill.

Speeches

Rabbi Simon, Officers of the National Safety Council, Distinguished Delegates to this National Safety Congress: Once again, I have the distinction of appearing before you representing the Mayor of the City of Chicago. I bring you his warm welcome, his greetings and his appreciation for holding this 65th National Safety Congress and Exposition in our city.

I was considered one of Mayor Daley's close friends and represented him on many occasions. I shared many of his confidences, as did many others. Last December, an all-wise Providence called him to his eternal reward. Now I have the honor to represent Mayor Bilandic, who has been in office less than a year.

Frequently I am asked, "How does he compare with Mayor Daley?" I refer such interrogations to a comparison of General George Patton and General Omar Bradley—both successful and both of them masterful tacticians. Each, however, had a distinct personality and diametrically opposite personalities, but both of them were admired and respected by the men who served with them. Both of them attained unexcelled limits in the profession of arms, yet both achieved their fame by distinctly different approaches. If we can imagine Daley as Patton, minus the purple phrases, and Bilandic as Bradley, we would have a fair comparison.

Mayor Bilandic has most of Mayor Daley's virtues. He is diligent, dominant, and direct. He is understanding and tolerant, and positive in his decisions. If Daley could have selected his successor, I feel confident that he would have selected Mike Bilandic as best qualified to continue the programs in making Chicago the city that works. He will be equally as

successful in the office of Mayor as was his illustrious predecessor.

Now, Mayor Bilandic regrets very much that he could not be present today as he had planned, but he sends his best wishes to this important Safety Congress, for you have done much for Chicago and we have learned much from the exchange of ideas and programs that are presented here by the delegates from many large cities throughout the world. The National Safety Council has done much for people everywhere, for industry, for transportation, and for all hazardous occupations.

Accident prevention. What untold misery and sorrow have been prevented by the success of so many programs? How many lives and limbs have been saved by careful attention to safety devices and contained counseling of people at all levels of employment? If we could only replace people's carelessness with greater concentration, we would accomplish so much more. We continue to try and we will continue our never-ending program of prevention of accidents. We feel we are making progress by counseling our people on the misfortune that accrues to the individual who is involved in a preventable accident, and his family.

In addition to our concentration on accident prevention in all operating departments, Mayor Bilandic has emphasized life-saving. Last year over 4,000 persons died as a result of choking on food. Many of them died in public dining rooms because no one knew how to save them. Illinois adopted a law compelling public dining rooms to have employees trained in the maneuver which compresses the air in the lungs upward through the esophagus to expel food from the breathing passages. It is hoped

that choking deaths will be reduced as a result of these precautions.

The Street Department has graded all street and alley curbs in the Loop and in many highly traveled areas throughout the city.

The Department of Public Works will start banking over 18,000 curbs through 1978. We are having private contractors do the work.

Early this year Mayor Bilandic announced initiation of a program in cooperation with the Chicago Heart Association to train Police, Fire, and Health Department personnel in emergency, on-the-spot procedures for treating victims of heart attack, cardio-pulmonary resuscitation, CPR, as the emergency care for providing circulation of blood to a person whose own circulation has ceased to function temporarily. Our program is one of the largest in the country. Training was expanded to include personnel in all city departments.

At the onset, the objective of the CPR program was to train one out of every four Chicagoans in this life-savings technique, but just recently Mayor Bilandic expressed a desire to have one out of two Chicagoans prepared for these types of emergencies. Our paramedics have saved many lives in these and other life-saving activities.

During the past cold winter, 90 fire-related deaths occurred in various sections of the city. Most of the deaths were caused by inhalation of smoke. Early warning of fire and smoke would have saved many of those lives, for they would have been vacated from the dwellings. After detailed study, an ordinance was adopted and installation is proceeding. We have high hopes that this will reduce the number of deaths in these dwellings. The Mayor also ordered a crash course for policemen, fire fighters, and community workers serving in those areas where language was a great barrier in getting people out of burning buildings.

Each operating department has a safety director visiting jobsites, looking for safety hazards that can be corrected. We

have continuous meetings of supervisors and foremen, directing that they will be held accountable for lost time caused by preventable accidents. Our lost time has peaks and valleys, but we think we are improving the consciousness of our people that preventable accidents are penalties that the employees' families suffer needlessly.

Our Fire Department is constantly studying the problem of high rise fires. We have outlined a helicopter landing pad on every high rise building in the Chicago area. We have used them extensively in fires, snowstorms, accidents, and the horrible IC train wreck a few years ago. We are not completely satisfied, for in high rise fires elevators usually are not working, so persons trapped on floors cannot get to the roof to be evacuated by the helicopters. Our Fire Department has been working with McDonnell-Douglas Corporation to develop a method of evacuating people trapped in these high rise buildings. Next June we hope to test the results of our efforts, hopefully on the Sears Tower, the highest building in Chicago. The method involves a platform which can be maneuvered to the side of the building and a walkway to a window placed so that persons trapped can be moved safely to the platform, which has a capacity of 14 to 16 persons. The chopper can carry firehoses, paramedics, stretchers, so that injured persons or cardiac cases can receive medical treatment. The platform is equipped with floodlights, radio, and TV. It can also be moved horizontally by the chopper pilot. The potential uses of the platform are many and varies. Many fire chiefs throughout the country were consulted by McDonnell-Douglas engineering personnel who designed this platform. We will be the first large city to test its use. You can visualize many potential uses, perhaps add a few of your own if you have high rises in your area.

The City of Chicago and our departments are dues-paying members of the National Safety Council. We look to you for many ideas and suggestions in

making all employees safety conscious. We also are cognizant of our municipal responsibilities in accident prevention for all people in Chicago. It is stimulating to us to participate in this Congress, for some of the suggestions and safety programs here are adopted by us where city employees will be in attendance

throughout the Congress.

We appreciate your efforts on behalf of Chicago and all persons, and we hope that many new and innovative safety measures will emerge for the consideration of all of us.

Thank you, and enjoy your stay in Chicago.

speeches 78 1981
Annual Meeting

REMARKS

By JOHN E. ANGLE

Chairman of the Board, National Safety Council

Last year when I became Chairman of the Board, I realized I was rather a novice. My work with safety had been at the point where accidents happen, in the mills, and then as I became responsible for more areas of the corporation, it was my concern that the safety performance skill at the front line in the mills was maintained, and before I was done it was mills and mines and steamships and things like that.

So getting involved in a service organization such as the National Safety Council is a somewhat different experience. Vince has been great, but once in a while when you have an idea in a corporation, you say, "Do it," and it happens, but in the National Safety Council, as in many other service organizations, it takes a little more time than that. This is quite proper, because we are essentially a volunteer group, and a volunteer group is not exactly beholden to the staff and to the management as in a corporation. Consequently, it has taken a little time to get some things done, but I am greatly reassured.

We had some problems last year—we will always have problems, that's why we are here—we did have a few problems which were diverting the attention of top management from doing the job which they wanted to do and were anxious to be about. I think those problems are behind us. We have other problems and other challenges. The important thing that I think we are engaged in at the moment, and Vince will talk about this in more detail, is to find out where we are now and where we ought to be now and where we should go.

In other words, this is a matter of self-examination, self-evaluation, then making up our minds as to our objectives and making our plans to get there. This is

what we have been working on this year, and I'm delighted to see that we are now able to devote our time and energies in this way, because personally I want to see the National Safety Council be not only the number one safety organization in the United States, but recognized as the par excellence, the best, sharp, responsive, aware of what is going on, and Lord knows, the environment in which we operate is changing all the time and changing very rapidly. That is why it is so reassuring to see the young people here, because, frankly, they are a little better able to cope than some of us older people, and it is good to know that we have them to fall back on and that they will be carrying on after our part of the job is done.

Among other things, we formed a Policy Advisory Committee on the Board of Directors. Its members have worked hard and intelligently and they have come to some conclusions which will strongly shape the program in the National Safety Council in the years ahead.

I want to say that I support Vince very strongly in what he is doing. I think he needs that support. I think he can be much more effective when he knows that he has it—and he knows it, but I want you to know it, too.

When I was asked if I might be interested in being nominated to the position of Chairman, the man who called me said, "Really, it isn't a very arduous job, maybe four, five meetings a year, and that's about it." Well, I knew he was kidding me. He wasn't kidding me. He thought he was doing a sales job. But that isn't necessarily the best way to sell me, because if the job is worth doing, it is worth putting everything you've got into it, and that is exactly what I am trying to do, and the satisfaction that I'll get out of

it will simply be to see the National Safety Council the most effective instrument for safety in the United States, but even more, to see the accident rate—and I'm not talking about fatalities, because they are easy to count, unfortunately—I'm talking about the millions of people who get hurt every year and as a result of it have fewer fingers than they were born with or have other defects, other impairments, which affect their lives

forever. This is probably the area where we have the most opportunity to improve life in the United States.

So that will be my reward, and it will be your reward, to see that this is accomplished, and I hope you all participate in the effort, because it is ultimately worthwhile.

I am pleased to be here. I am pleased to be able to serve in this position, and let's hope that we are all successful.

ANNUAL ADDRESS OF THE PRESIDENT

By VINCENT L. TOFANY
President, National Safety Council

I concluded my address to the annual meeting of the National Safety Council a year ago with the words: "We are on the threshold of new advances, new progress, and greater victories over accidents."

Events have proved that my prediction was accurate.

In 1976 and in the first half of 1977, the accidental death rate on a population basis for the whole United States was lower than in any earlier year. Despite a continuing rise in population, the actual number killed in accidents in 1976 was smaller than in any year since 1962.

Significant declines in accident rates do not just happen. They are the result of a very complex group of factors. In the present state of analytical science, it is not possible to assign specific weights to individual elements in the safety situation. But there is one element whose worth has been tested in every varying situation which changes of the last six-and-a-half decades have produced. That element is the National Safety Council.

The Council was created by industry to confront the desperate hazards of the workplace in the grim early years of the twentieth century. It was the task of the Council to create the voluntary safety movement out of nothing by the good will and enthusiasm of a handful of safety pioneers. It was the task of the Council and its members to seek to solve the host of occupational safety and health problems which no one had ever sought to solve before.

Soon the new Council was dealing with the entirely new hazard of motorized traffic. In partnership with local and state government people, the Council and its emerging local and state chapters again faced every problem as one new and one never before solved.

In four major wars, the National Safety

Council has responded to its government's challenge to bring the expanding body of safety knowledge to bear upon the needs of war production and the armed forces. It has served Americans in times of boom and times of panic, in times of labor shortage and of mass unemployment.

In quieter years, the Council's programs expanded to deal with home, recreation, and farm safety and to bring into the safety action front the organized women, youth, and religious leaders.

After World War II a new and creative force was added to the Council's program for safety to workers, both on and off the job, with the participation, on a large and growing scale, of organized labor.

The Federal Government had a modest safety role in the earlier years of the Council's life—in some regulation of railroads and water transportation, in mining, and in the establishments of government contractors. But in the 1960s and 1970s, there has come the first large-scale Federal safety activity—first in traffic, then in occupational, and then in the consumer and environmental fields.

The National Safety Council has cooperated with government at all levels to make its safety efforts as fruitful as possible. This cooperation began when legislation was under consideration and we gave our accumulated knowledge freely to the framers of legislation. That cooperation continued as the programs were organized, and it continues today more actively than ever.

But as we acknowledge the efforts of government in the safety field, we hold firmly to the conviction that the major thrust for accident prevention must come from the source which has given it its power for 65 years—from the private sector of American society—from cor-

porations and unions, from local and state safety councils, from civic groups and organizations of many types. This is the source which invented the safety movement. This is the source which held the field when no one else cared. And this is still the major force in an age in which the public sector is exploring its capacity to make a contribution.

In tracing safety historically, I have been deliberately leading up to two points: the first is a brief report on the highlights of the Council's activities in the last year; the second is a consideration of the kind of strategy which should govern the Council's activities in the coming decade and in the rest of the 20th century.

So much happens in a busy year at the National Safety Council that I cannot do justice to the creative labors of all our volunteer and staff people. Please take what I will report as examples of the kind of activities taking place on many safety fronts and in many different ways.

In the field of occupational safety and health, the flow of publications has increased in both quantity and quality. The safety training institute has well utilized its fine new facilities at our headquarters to offer more courses to more students than ever before in its history.

A very exciting new development is scheduled for January. We will hold a national seminar on data systems to provide better information on which to base occupational safety and health standards and accident prevention measures. We have been able to draw upon substantial expertise from many sources in this enterprise, and I expect it to prove a major step in occupational safety and health planning.

In the field of traffic safety we have pressed vigorously for retention of the 55-mile speed limit and for a program to maximize the use of safety belts: Our regular programs involving services to local and state traffic agencies continue, as do our cooperative ventures with the medical profession on emergency medical care and our cooperation with an even broader constituency in the matter of

alcohol studies.

Where occupational and traffic concerns meet in our Motor Transportation Conference, a solid and established program of training and motivation continues. A new element here has been the holding of three accident investigation workshops at our headquarters. This program will now be expanded through a number of our local chapters.

The Defensive Driving Course has graduated its eight-millionth student and in 1976 for the first time reached its goal of a million students trained in a calendar year. More and more states are offering point reductions for DDC graduates.

Similar progress, both in established and in innovative ways, could be cited in the Council's work in home, recreational, and farm safety. Exciting developments have marked activities in the youth, women's, and religious fields.

One of the more spectacular events of the Council's year was the National Disaster Survival Test, aired over network television in prime time to an audience of some 30 million. This has opened up channels of contact with hundreds of thousands of Americans whom we had not reached before, and the response we have received has been most heartwarming.

When the Carter Administration took office, the Council assembled a large amount of information from its members and, on that basis, prepared a report to the President. This has led to a conference between Council leaders and the White House staff, and some of our recommendations have already been acted upon by the Administration.

In its internal life, the Council has continued to explore ways and means of better utilizing all its human resources, both among its volunteers and within its staff. While this has not been a year of such large-scale reorganization as we have seen in the three years which preceded it, there is a constant process of re-evaluation, decision-making, and refinement.

One such effort of special note con-

tinues in the work of the Local Chapter Task Force, which is working with me to make even more effective the cooperation between the national organization and its grass roots chapters and affiliates. I can assure you that I, for one, place a very high value upon the role of our state and local safety organizations.

We have also explored and made use of new forms of cooperation between various conferences and the Council headquarters.

In reporting on the past year, I want to express a feeling of very great gratitude to the volunteer leadership of the National Safety Council. If I single out John Angle, our devoted, vigorous, and demanding chairman of the board for special praise, I am by no means excluding a host of other members of our boards of directors and trustees, our conference officers and members, and the thousands of able volunteers who make our committees so productive and so astute.

This year past has been a great year for the Council, for safety, and for me. But it is the nature of the safety movement that we must never be content with yesterday's achievements. No matter what progress has been made, people are still being killed and crippled in accidents. Billions of dollars are being squandered. Loss levels are unacceptable by a civilized society with the capacity to reduce those losses.

So, we must know past progress and understand its meaning. We must also know how much remains to be done. And from this double consideration of the past, we must evolve the kind of strategy which retains what is constructive from traditional methods while giving the freest rein to new and innovative approaches designed to make new and larger breakthroughs against accidents in the year ahead.

In evolving a military strategy, a commander considers the enemy's forces, the terrain, and the commander's own forces. In safety, we have always thought we knew the enemy well. We thought of

accidents in terms of bang, bump, and burn; of cut, crush, and asphyxiate. But as industrial processes become more complex and materials more exotic, we discover that the boundary between safety and health is more and more blurred. If a certain concentration of toxic material disables a person in minutes, is there any qualitative difference between that event and the slow deterioration of health produced by a different concentration or a different material?

This is not a situation of concern only to occupational safety and health specialists. It is prominent among the issues we confront in dealing with home safety, farm safety, traffic safety, and public safety.

In recent years there has been a gradual swing in emphasis in the work of the National Safety Council to include the prevention of harm to health in what I would call "slow accidents." This swing in emphasis has been paralleled in the daily work of those dealing with safety in individual establishments and communities.

It is an interesting point that the leaders of the National Safety Council, when they secured a Congressional charter two decades ago, included among its objectives and purposes—and here I quote from the charter itself—"to encourage and promote methods and procedures leading to increased safety, protection, and health."

I believe that the Council's future work must continue and extend concern for the protection of health broadly defined. To revert to my military analogy, we must build a strategy which sees the enemy as a larger and more menacing complex of forces than we have thought we faced in the past. Our strategic thinking must take into account that our level of knowledge and sophistication in dealing with this larger enemy is less than we possess in combatting accidents narrowly defined.

The second element we must consider in strategic planning is the terrain—by which I mean our defined areas of activity.

We are veterans of the wars in occupational and traffic safety. We know the terrain well and our positions are strongly held. We are knowledgeable in home, farm, and school safety and in some areas of recreational safety. Yet the scope of these fields is very large, and we must acknowledge that our fortifications in them are thinner and weaker than in occupational and traffic.

Meantime, our crusade has moved onto completely new terrain, two examples being product safety and environmental safety. Neither the National Safety Council nor the safety and health professions have yet fully reconnoitered these new parts of our battlefield, and occupying forces are not much more than skirmish lines. But there is a growing rumble of strife—some of it political—in those new areas, and it behooves us to study, learn, and act vigorously and promptly in what are almost certainly going to be arenas of major action in the remainder of this century.

What of our own forces? What resources can the National Safety Council draw upon in the fight for safety and health in an era of rapidly expanding responsibilities?

It would be possible—but very wrong—to argue that the Council is already mobilizing its resources to the full, and that, therefore, any major expansion of its campaigns is impossible. The error in that thinking lies in the assumption that the National Safety Council and the voluntary safety movement are limited to their present forces and resources.

But I see a very different future!

As we move to more and more acceptance of the gage of battle on the health front, we are presented with new opportunities to enlist strong and capable allies already, the Council has strong cooperative relationships with the industrial hygienists, the physicians, the surgeons. The Council is not competitive with the health-serving professions. It offers them its support and its particular capacities in the development of preven-

tive techniques. On their part, the health professions have shown a statesmanlike concern and willingness to cooperate which guarantees that we will go into battle on the health front, not with our old forces alone, but with those forces greatly augmented.

Even greater demands for new forces, and greater opportunities to win new allies, lie in the broadening of the arena of safety action to such fields as product and environmental safety. When we enter into these arenas, we open up contacts with potential constituencies far greater than we have today. Recruitment of such constituencies will not be automatic or even simple, for we deal here with less well-defined groupings than in occupational, traffic, school, home, and farm safety. But they are neither less numerous nor less influential. They can be mobilized, and the safety and health of the American people demands that they be mobilized.

I believe firmly that the strategy of the Council requires expansion of forces and outreach into new areas of action. The nature of the accident menace imposes a great urgency upon such expansion.

At the same time, the wise military commander knows that he must, as he plans his advances, protect his flanks and the established battle lines. The Council must husband its resources and maintain its position and leadership in its traditional arenas. To sacrifice these, or even to slow progress in, say, the occupational and traffic fields, would be to jeopardize the institution and the nation it serves.

So I propose no blind leaps into the dark. I propose no neglect of our present constituency. On the contrary, I propose to maintain and improve our present work and, at the same time, to reach out in well-planned and securely-funded thrusts to encounter new challenges and recruit new forces to our cause. One such thrust is in the direction of expanding individual participation in the Council's life through association memberships.

I do not pin my hopes for the future upon the success of any single new and

experimental move, but upon my conviction that the National Safety Council has the corporate wisdom and influence to develop, within the framework of an aggressive, outreaching strategy, the right tactics to insure the continuation of victorious progress against the health and accident menaces to human welfare.

The Council has a great history and a great present. I am counting on you—the people in this room this morning—to provide the drive to guarantee that the future of safety will be even greater than its past.

Specifically, I ask each of you to carry out your assigned tasks for safety in such a way as to improve the safety of those with whom you work and live. I ask you to carry back to your colleagues at home the urgent call I have made for broadening our targets to include more emphasis upon health, product safety, and en-

vironmental safety. Yours is the voice which must persuade those back home of the necessity of this expanded strategy.

Finally, I need, and the Council needs, your input, your counsel, and your participation in planning for the future. We need industry's participation in that planning, labor's participation, government's participation, and the participation of the broadest range of organizations and expert individuals in this planning process.

I am convinced of the wisdom of the strategic suggestions I have made here. But I am just as convinced that there are many organizations and people with additional wisdom which we need to listen to as we face the strategic decisions of the future.

I give you these challenges in confidence that you will respond, for we of this safety generation have a rendezvous with destiny!

78 1923

List of Exhibitors

NSC Congress
SAFETY EXPOSITION EXHIBITORS — 1977

- Abcor Development Corp., 850 Main St., Wilmington, MA 01887
Gas and vapor monitors.
- Acme Anti-Skid Corp., 3437 S. Hanover St., Baltimore, MD 21224
Safety surfacing.
- Acme Cotton Products Co., Inc., Box 2063, Melville, NY 11733
First aid supplies.
- Acoustic Instruments International, 650 Vaqueros Ave., Sunnyvale, CA 94086
Sound level meters.
- ADCO Hearing Conservation, 1558 California St., Denver, CO 80202
Hearing protection.
- Aden Safety Co., 5706 W. River Dr., N.E., Belmont, MI 49306
Safety glasses.
- Advance Glove Mfg. Co., 901 W. Lafayette Ave., Detroit, MI 48226
Industrial work gloves and clothing.
- Aetna Life & Casualty Co., 151 Farmington Ave., Hartford, CT 06115
Traffic safety programs.
- Airstream Div., Beatrice Foods, 60 Vista Drive, Versailles, OH 45380
Mobile audiometric test center.
- Akron Brass Mfg. Co., 1450 Spruce St., Wooster, OH 44691
Fire fighting equipment.
- Alderson Research Laboratories, Inc., 390 Ludlow St., Stamford, CT 06904
First aid equipment.
- Allied Glove Corp., 325 E. Chicago St., Milwaukee, WI 53202
Gloves and clothing.
- All-Vac Industries, Inc., 4013 N. Monticello Ave., Chicago, IL 60618
Vacuum lifters.
- Ambi-Tech Industries, Inc., 319 Knickerbocker Ave., Hillsdale, NJ 07642
Machine guarding.
- American Allsafe Co., Inc., 1245 Niagara St., Buffalo, NY 14213
Drybrow sweatbands, nylon fan guards and related products.
- American Bilrite Co., 29 Hampshire St., Cambridge, MA 02139
Floor matting, fire hose, industrial hose.
- American Cyanamid Co., Boundbrook, NJ 08805
Cyalume safety light sticks.
- American Optical Corp., 14 Mechanic St., Southbridge, MA 01550
Head, eye, respiratory, protective devices, safety clothing, safety specialty products.
- American Safety Equipment Corp., 3535 De La Cruz Blvd., Santa Clara, CA 95050
Eye and face protection products.

1977 National Safety Congress

List of Exhibitors

- American Society of Safety Engineers, 850 Busse Hwy., Park Ridge, IL 60068
Professional society.
- Ampco Metal, Inc., 1745 S. 38th St., Milwaukee, WI 53201
Hand tools of spark-resistant alloys for use in explosive or flammable conditions.
- Analytical Instrument Development, Inc., Rt. 41 & Newark Rd., Westwood, NJ 07675
Portable gas chromatographs.
- Angelica Uniform Co., 700 Rosedale Ave., St. Louis, MO 63112
Flame retardant clothing.
- Animal Repellents, Inc., P.O. Box 999, Griffin, GA 30224
Repellents for animals.
- Ansell Corp., 222 Valley Rd., Wilmington, DE 19804
Rubber industrial gloves.
- Antenna Products Div., DHV, Inc., Box 520, Mineral Wells, TX 76067
Climbing safety devices.
- Apex Safety Products, Box 250, Sanford, NC 27330
Safety hats and caps.
- Atlas Safety Equipment Co., Inc., 1 Johnson Ave., Matawan, NJ 07747
Industrial safety belts, harnesses, and straps. Ladder climber's safety device.
- B & K Instruments, Inc., 5111 W. 164th St., Cleveland, OH 44142
Noise testing equipment.
- Bacharach Ind. Inst. Co., 2300 Leghorn St., Mountain View, CA 94043
Gas analyses instruments. Humidity and temperature indicators recorders.
Multi-gas leak detectors. Air flow velocity indicators.
- Bachmann, 1400 E. Erie St., Philadelphia, PA 19124
Safety eyewear.
- J. T. Baker Chemical Co., 222 Red School Lane, Phillipsburg, NJ 08865
Laboratory spill control kit.
- W. M. Bashlin Co., 119 W. Pine St., Grove City, PA 16127
Linemen's and industrial safety belts, slings, high voltage rubber gloves,
sleeves.
- Bausch & Lomb Inc., 1400 N. Goodman St., Rochester, NY 14602
Vision and audio testing equipment.
- Bayleysuit, Inc., 900 S. Fortuna Blvd., Fortuna, CA 95540
Neoprene exposure suits.
- Bel-Art Products, Pequannock, NJ 07440
Eyewash and burn stations.
- Bell Safety Mirrors, 1328 Flatbush Ave., Brooklyn, NY 11210
Traffic safety mirrors.
- Beltone Electronics Corp., 4201 W. Victoria, Chicago, IL 60646
Hearing protection equipment.
- Best Mfg. Corp., Menlo GA 30731
Work gloves.
- Best's Safety Publications, A.M. Best Co., Inc., Oldwick, NJ 08858
Safety publications.
- Channing L. Bete Co., 45 Federal St., Greenfield, MA 01301
Scriptographic booklets.
- Bethel Comasec, Inc., Niblick Rd., Enfield, CT 06082
Chemical resistant gloves.
- Bilsom International Inc., 11800 Sunrise Valley Drive, Reston, VA 22091
Hearing protection devices.
- Bio Marine Industries, 45 Great Valley Center, Malvern, PA 19355
Alarms, detectors, and breathing equipment.
- Body Guard, Inc., 420 E. Fifth Ave., Columbus, OH 43201
Guard safety design kit.
- Body Guard by Survivair, 3323 W. Warner, Santa Ana, CA 92646
Fireman turnout clothing.
- Boss Manufacturing Co., 221 W. First St., Kewanee, IL 61443
Personal protective equipment.
- H. L. Bouton Co., Inc., 320 Main St., Buzzards Bay, MA 02532
Industrial eye protection, goggles, and spectacles.
- Bradley Corp, WI42 N9 101 Fountain Blvd., Menomonee Falls, WI 53051
Safety showers and eye washes.
- W. H. Brady Co., 2223 W. Camden Rd., Milwaukee, WI 53201
Self-sticking markers and accident prevention signs.
- BRK Electronics, 780 McClure Ave., Aurora, IL 60507
Smoke and fire detectors.
- Lester L. Brossard Co., P.O. Box 379, Crystal Lake, IL 60014
Safety mirrors for industrial use. Liquid hand cleaner.
- Steward R. Browne Mfg. Co., 5 Dunwoody Park, Suite 127, Atlanta, GA 30341
Portable explosion proof inspection lights.
- E. D. Bullard Co., 2680 Bridgeway, Sausalito, CA 94965
Safety hats, caps, and accessories, industrial first aid kits, safety hoist hooks,
vehicle alarms, air purifiers, and ear plugs.
- Bureau of National Affairs, Inc., 1231 25th St., N.W., Washington, DC 20037
Occupational Safety & Health publications.
- BNA Communications, 9401 Decoverly Hall Rd., Rockville, MD 20850
Management development training films and materials.
- Butler Learning Systems, 1325 W. Dorothy Lane, Dayton, OH 45409
Safety action seminars.
- CAH Industries, 1595 Brummel Ave., Elk Grove Village, IL 60007
Self-extinguishing waste receptacle.
- Cadillac Plastics, A Dayco Co., 15841 Second Ave., Detroit, MI 48232
Personnel & industrial safety equipment

- Calgon Commercial Div., Calgon Corp., 7501 Page Ave., St. Louis, MO 63166
Hand cleaning products.
- Canrad-Hanovia, Inc., 100 Chestnut St., Newark, NJ 07105
Glow-in-the-dark signs.
- Cardinal Glove Co., Inc., 900 Passaic Ave., E. Newark, NJ 07029
Industrial work gloves.
- Cardox Div., Chemetron Corp., 111 E. Wacker Dr., Chicago, IL 60601
Fire fighting equipment and supplies.
- Carson Mfg. Co., 446 Francisco Blvd., San Rafael, CA 94902
Traffic cones and delineators.
- CEA Instruments, Inc., 15 Charles St., Westwood, NJ 07675
Analyzers.
- Centron Educational Films, 1621 W. 9th St., Lawrence, KS 66044
Motion pictures and filmstrips.
- Cesco Safety Products, 100 E. 16th St., Kansas City, MO 64108
Safety glasses and lenses, cup goggles, special purpose goggles, welding helmets, face shields, respirators, plastic aprons and hoods.
- Chicago Caster & Equipment Co., 2222 N. Racine Ave., Chicago, IL 60614
Trailer wheel blocking system.
- Otis Clapp & Son, Inc., 143 Albany St., Cambridge, MA 02139
First aid equipment.
- David Clark Co., Inc., 360 Franklin St., Worcester, MA 01604
Muff-type ear protection.
- The Coca-Cola Co., P.O. Drawer 1734, Atlanta, GA 30301
Coca-Cola served through the courtesy and cooperation of the Coca-Cola Bottling Company of Chicago.
- CM Chain Div., Columbus McKinnon Corp., 160 Fremont St., Tonawanda, NY 14150
Sling chains, hooks, and coupling links.
- Commerce Clearing House, 4025 W. Peterson Ave., Chicago, IL 60646
Publications on OSHA regulations.
- Converse Rubber Co., 10 Railroad St., Andover, MA 01810
Safety toe rubber footwear, industrial rubber footwear, protective clothing of rubber and neoprene.
- Crane Inspection & Certification Bureau, 7200 Lake Ellenor Dr., Suite 245, Orlando, FL 32809
Crane and rigging safety training.
- Creative Awards by Lane, 1575 Elmhurst Rd., Elk Grove Village, IL 60007
Incentives and awards.
- Dayton Flexible Products, 2210 Arbor Blvd., Dayton, OH 45439
Hand protection.
- DB Enterprises, Box 145, Red Wing, MN 55066
Ladder safety device, fall protection devices.
- Descent Control, Inc., 657 W. 19th St., Costa Mesa, CA 92627
Fall protection devices.
- Direct Safety Co., 511 Osage, Kansas City, KS 66110
Personal protective equipment.
- Distribution Services Corp., 3027 E. Las Hermanas St., Compton, CA 90221
Industrial boots, gloves and rainwear.
- H. E. Douglass Engineering Sales Co., P.O. Box 636, Sun Valley, CA 91352
Hearing protectors.
- Dow Corning Corp., Executive Plaza, South Saginaw Rd., Midland, MI 48640
Lens cleaning products, hand creams, sports bands.
- Duff-Norton Co., 100 Pioneer Rd., Box 1719, Charlotte, NC 28201
Hand chain hoists.
- E. I. du Pont de Nemours & Co., Inc., (Applied Technology), Wilmington, DE 19898
Air sampling pump, audio dosimeter.
- E. I. du Pont de Nemours & Co., Inc., (Nomex Div.), Wilmington, DE 19898
"Nomex" fabric.
- Durable Textile Products Co., 313 Arch St., Philadelphia, PA 19106
Dust masks.
- Durafab Disposables, Inc., 1102 Kilpatrick St., Cleburne, TX 76031
Industrial & safety disposable apparel.
- The Durham Mfg. Co., 84 Main St., Durham, CT 06422
First aid kits & cabinets.
- Dynamation, Inc., 168 Enterprise Dr., Ann Arbor, MI 48103
Carbon monoxide instruments.
- E-A-R Corp., 376 University Ave., Westwood, MA 02090
Self-fitting ear plugs.
- Eagle Mfg. Co., 24th & Charles Sts., Wellsburg, WV 26070
Safety cans, cigarette-cigar butt cans, drain cans, drip cans, brass oilers.
- Eastern Metal of Elmira, Inc., 1430 Sullivan St., Elmira, NY 14901
Safety signs.
- Eastman Kodak Co., 343 State St., Rochester, NY 14650
Audio-visual products.
- Eckel Industries, Inc., 155 Fawcett St., Cambridge, MA 02138
Noise control and hearing conservation.
- Ecos Electronics Corp., 205 W. Harrison St., Oak Park, IL 60304
Electrical testing equipment.
- Edmont-Wilson, 1300 Walnut St., Coshocton, OH 43812
Coated and impregnated work gloves.
- Educational Resources Foundation, 2712 Millwood Ave., Columbia, SC 29250
Films and videocassettes.
- Elder Oxygen Co., Inc., 4848 Ronson Court, Suite G, San Diego, CA 92111
Oxygen resuscitation equipment.

- Empco-Lite, 399 Hammond Ave., Elgin, IL 60120
Highway warning lights.
- Encon Mfg. Co., 4914 Dickson St., Houston, TX 77077
Eye wash fountains, emergency showers, personal air conditioning equipment.
- Energetics Science Inc., 85 Executive Blvd., Elmsford, NY 10523
Carbon monoxide monitors.
- Environmental Technology Corp., 30405 Solon Rd., Cleveland, OH 44139
Audiological testing and reporting.
- Erb Safety, Inc., Georgia Highway 5, Woodstock, GA 30188
Personal protective equipment.
- Erdco Engineering Corp., 136 Official Road, Addison, IL 60101
Gas and vapor detection.
- ESB Inc., Occupational Safety Marketing Div., Box 622, Reading, PA 19603
Hand, fall, respiratory, hearing, eye and head protection.
- Everclear International Ltd., 3612 W. Lincoln Hwy., Olympia Fields, IL 60461
Fog proofing for eyeglasses.
- Exel-Silenta, Inc., 18 Cummings Park, Woburn, MA 01801
Hearing protectors.
- Exxene Corp., 1775B Cortland Ct., Addison, IL 60101
Anti-fog coating for eyewear.
- Federal Signal Corp., 13625 S. Western Ave., Blue Island, IL 60406
Sirens, horns, bells, and warning lights for visual and audible signaling.
- Fendall Co., 2222 Diversey Pkwy., Chicago, IL 60647
Spectacles, face shields, and cup-type and cover goggles.
- Ferno-Washington, Inc., 70 Weil Way, Wilmington, OH 45177
Emergency patient handling equipment and accessories for the first aid room.
- Fibre-Metal Products Co., Box 248, Concordville, PA 19331
Safety hats and caps, face shields, safety masks, welding helmets, headrest and combination goggles.
- Film Communicators, 11136 Weddington St., N. Hollywood, CA 91601
Motion pictures and slide films.
- Fire Prevention Through Films, Inc., Box 11, Newton Highlands, MA 02161
Fire prevention and safety films.
- Fleets Products Co., Inc., 14 Orchard St., Norwalk, CT 06852
Hearing protection.
- Frommelt Industries, Inc., 465 Huff St., Dubuque, IA 52001
Wrap-around portable safety welding shield, portable welding screen.
- Fyrepel Products, Inc., 951 Buckeye, Newark, OH 43055
High heat protective clothing and equipment for industry, space-military, and fire fighting agencies.
- Gastech, Inc., Johnson Instrument Div., 331 Fairchild Dr., Mountain View, CA 94043
Gas and oxygen detectors.
- Gateway Safety Products, 4722 Spring Rd., Brooklyn Heights, OH 44131
Personal protection equipment.
- GCA Technology Div., Burlington Road, Bedford, MA 01730
Direct readout particulate mass monitors.
- GCA/Precision Scientific, 3737 W. Cortland St., Chicago, IL 60647
Explosion proof equipment.
- General Electric Co., 1 River Road, Schenectady, NY 12345
Watt-ampmeters, leak detectors, monitors.
- Genrad, Inc., 300 Baker Ave., W. Concord, MA 01742
Hearing protection equipment and testing.
- GenTex Corp., Box 315, Carbondale, PA 18407
Head protection equipment.
- Getz Fire Equipment Co., 1615 S.W. Adams St., Peoria, IL 61602
Vacuum filling systems.
- Glas-Tex, 14832 Arrow Highway, Baldwin Park, CA 91706
Fiberglass safety signs.
- Glendale Optical Co., Inc., 130 Crossways Park Dr., Woodbury, NY 11797
Eye and face protective equipment.
- Globe Safety Products, 125 Sunrise Place, Dayton, OH 45407
Resuscitators.
- Glover Latex, Inc., 514 S. Rose St., Anaheim, CA 92805
Hand protection.
- Granet Div., ESB Inc., 25 Loring Dr., Framingham, MA 01701
Coated fabric work glove.
- Victor Green Publications, Ltd., 106 Hampstead Rd., London NW1 2LS England.
Safety publications and conferences.
- Guardian Equipment, 660 N. Union St., Chicago, IL 60610
Complete line personnel safety equipment.
- HNU Systems, 30 Ossipee Rd., Newton, MA 02164
Gas analyzers and detectors.
- Haws Drinking Faucet Co., 1435 Fourth St., Berkeley, CA 94710
Emergency eyewash and showers.
- Hampshire Mfg. Corp., Factory St., Nashua, NH 03060
Industrial rubber footwear.
- Hazard Controls, Inc., Woodland & Yale Aves., Cherry Hill, NJ 08034
Warning lights, barricades, signs, reflectors, cylinder clamps, lockouts, ladder shoes, can carriers, flags, and barrier rope.
- Hearing Control, Inc., 114 W. Hiram St., Atlanta, TX 75551
Custom-fitted hearing protection.

- Warren Heim Corp., 222 N. 5th Ave., Mt. Vernon, NY 10550
Canvas buckets, bags, and protective covers.
- Highway Safety Products, 2584 Grant Ave., San Lorenzo, CA 94580
Highway warning products.
- Himco, Inc., P.O. Box 228, Valley Head, AL 35989
Ladders.
- Hydro-Test Products, Inc., 85 Hudson Rd., Stow, MA 01775
Hydrostatic test equipment.
- Hy-Test Safety Shoes, Div. of Int'l Shoe Co., 1509 Washington Ave., St. Louis, MO 63166
Safety shoes and conductive and nonconductive footwear.
- Ikelheimer-Ernst, Inc., 601 W. 26th St., New York, NY 10001
Shipping cases.
- Illinois Glove Co., 7120 N. Ridgeway Ave., Lincolnwood, IL 60645
Industrial work gloves and lineman's gloves.
- Industrial Acoustics Co., Inc., 1160 Commerce Ave., Bronx, NY 10462
Audiometers, audiometric testing room.
- Industrial Manufacturers, Inc., Box 645, Lexington, NC 27292
Aprons, sleeves and safety vests.
- Industrial Noise Services, Inc., 543 Bryant St., Palo Alto, CA 94301
Hearing testing and conservation.
- Industrial Products Co., 21 Cabot Blvd., Langhorne, PA 19047
Industrial clothing.
- Insta-Mold Prosthetics, Inc., 430 N. Sixth St., Philadelphia, PA 19123
Customized hearing protectors.
- Inter-American Safety Council, 33 Park Pl., Englewood, NJ 07631
Educational publications in Spanish.
- International Film Bureau, Inc., 332 S. Michigan Ave., Chicago, IL 60604
Safety films.
- International Loss Control Institute, Box 345, Loganville, CA 30249
Safety and loss control training aids.
- International Playtex, Inc., 888 Seventh Ave., New York, NY 10019
Industrial gloves.
- Interscan Corp., 9614 Cozycroft Ave., Chatsworth, CA 91311
Gas monitoring systems.
- Interstate Div., Royal Industries, One West Alameda, Burbank, CA 91502
Traffic cones, markers and delineators.
- Iron Age Safety Shoe Co., 2406 Woodmere Dr., Pittsburgh, PA 15205
Work and dress-style safety shoes and safety rubber footwear.
- Irving/Weather-Rite, Inc., 125 Enterprise Ave., Secaucus, NJ 07094
Hand, body and foot protection.
- Jackson Products, 5523 E. Nine Mile Rd., Warren, MI 48091
Goggles, welding helmets, face shields, safety hats and caps.
- Jomac Products, Inc., 863 Easton Rd., Warrington, PA 18976
Chemical and protective vinyl clothing and gloves, and terry cloth gloves and products.
- Jones and Co., 325 Massasoit Ave., East Providence, RI 02914
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, IL 60614
Safety cans, bench cans, plunger cans. Oily waste cans. Electric lanterns and flashlights for use in hazardous areas.
- Kawecki Beryloco Industries, Inc., Box 1462, Reading, PA 19603
Non-sparking tools.
- Kay Laboratories, Kwik-Kare Div., Box 696, Moberly, MO 65270
First aid.
- The Kelch Corp., Tri Tix Div., 6411 W. Mequon Rd., Mequon, WI 53092
Traffic safety devices.
- Klein Tools, Inc., 7200 McCormick, Chicago, IL 60645
Safety tools.
- Knapp Safety Shoes, One Knapp Centre, Brockton, MA 02401
Safety shoes.
- Koehler Mfg. Co., 123 Felton St., Marlborough, MA 01752
Safety lighting.
- Lab Safety Supply Co., 10 S. Locust St., Janesville, WI 53545
Laboratory safety equipment.
- La Crosse Rubber Mills, Indian Hill, La Crosse, WI 54601
Water-proof industrial footwear.
- Lectric Lites Co., 2504 W. Vickery St., Ft. Worth, TX 76102
Barricade flasher lights and traffic signs.
- Legible Signs, Inc., 2214 Nimitz Rd., Rockford, IL 61110
Safety signs.
- Lehigh Safety Shoe Co., 1100 E. Main St., Endicott, NY 13760
Leather and rubber safety footwear including conductive and electrical hazard shoes.
- Leisure Sports Sales & Marketing, Box 1125, Hammond, LA 70401
Heat stress beverage.
- Lensclean, Inc., 31 Styertowne Rd., Clifton, NJ 07012
Lens cleaning products.
- Liberty Protective Leathers, Box 211, Clark Mills, NY 13321
Leather gloves and mittens.

1977 National Safety Congress

Life Support Equipment Corp., 6 Gill St., Woburn, MA 01801
Pulmonary function analyzer.

Lif-O-Gen. Div., U.S. Divers, Woods Rd., Cambridge, MD 21613
Portable oxygen units.

Lind Engineering, Inc., 4432 N. Kedzie, Chicago 60625
Press guards.

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

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

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

Machinery Center, Inc., 1201 S. 6th St. W., Box 964, Salt Lake City, UT 84110
Sala safety block.

Mack Products, Box 572, Edgewater Branch, Cleveland, OH 44107
Eye protection.

Mada Medical Products, Inc., 98 Somerset St., Garfield, NJ 07026
Emergency oxygen units.

Magid Glove Mfg. Co., Inc., 2040 N. Kolmar, Chicago, IL 60639
Industrial gloves.

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

Marathon Rubber Products, 510 Sherman St., Wausau, WI 54401
Industrial rainwear.

Marion Health and Safety, Inc., 9233 Ward Pkwy., Kansas City, MO 64114
Personal protective products.

Marlin Industrial Div., 100 Kenna Dr., North Hartford, CT 06473
Employee communications items.

Mast Development Co., 2212 E. 12th St., Davenport, IA 52803
Portable monitors.

A. J. Masuen Co., 11 Central Ave., N.W., Le Mars, IA 51031
First aid supplies.

Maxi-Signal Products, Inc., 5 East 49th St., LaGrange, IL 60525
Traffic control devices.

MDA Scientific, Inc., 808 Busse Hwy., Park Ridge, IL 60068
Personal and area monitoring instrumentation.

Media Arts, Inc., 6009 Richmond, Houston, TX 77057
Audio-visuals.

Medical Associates, Int'l, Box 123, Topeka, KS 66601
Emergency medical treatment.

List of Exhibitors

Meyer Industries, Inc., Box 114, Red Wing, MN 55066
Safety products for the protection of persons while climbing.

Michael's Uniform Co., Inc., 5514 W. Chicago Ave., Chicago, IL 60651
Flame-proof clothing.

Miller Equipment Div., ESB Inc., 1355 15th St., Franklin, PA 16323
Lineman's safety equipment accessories.

Milner-Fenwick, Inc., 2125 Greenspring Dr., Timonium, MD 21093
Audio-visuals.

Mine Safety Appliances Co., 600 Penn Center Blvd., Pittsburgh, PA 15235
Complete line of safety equipment for industry and mining.

Mining Enforcement & Safety Administration, 4800 Forbes Ave., Pittsburgh, PA 15213
Audio-visuals.

Monitor, Inc., 121 S. Estes Dr., Chapel Hill, NC 27514
Industrial health screening.

MOPECO Div., General Cable Corp., 5600 W. 88th Ave., Westminster, CO 80030
Portable ventilating and heating equipment.

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

Motorola Teleprograms, Inc., 4825 N. Scott St., Suite 23, Schiller Park, IL 60176
Safety films.

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

National Environmental Instruments, 1865 Post Rd., Warwick, RI 02880
Environmental health and safety instrumentation.

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

National Fire Protection Assn., 470 Atlantic Ave., Boston, MA 02210
Fire protection publications and visual aids.

National Loss Control Service Corp., Long Grove, IL 60049
Consultation services.

National Mine Service Co., 4900/600 Grant St., Pittsburgh, PA 15219
Drager gas detectors.

National Safety Enterprises, Inc., 18 East Main St., Malone, NY 12953
Industrial rainwear.

Neese Industries, Inc., Box 628, Gonzales, LA 70737
Personal protective clothing.

Newco Mfg. Co., Inc., 13531 Wyandotte St., Kansas City, MO 64145
Linemen's safety equipment.

Nilfisk of America, Inc., 201 King Manor Drive, King of Prussia, PA 19406
Industrial vacuum cleaners.

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

Northeast Advertising, 6 Benson Rd., Oxford, CT 06483
Safety awards and first-aid materials.

Norton Co., Safety Products Div., 2000 Plainfield Pike, Cranston, RI 02920
Personal protective equipment.

Nutheme Co., 2634 Delta Lane, Elk Grove Village, IL 60007
Illustrated safety signs.

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

Ohio Medical Products, 3030 Airco Dr., Madison, WI 53701
Emergency oxygen and resuscitation equipment.

On Gard Industrial Footwear, Inc., 10513 United Pkwy., Schiller Park, IL 60176
Safety shoes.

Onox, Inc., 240 Hamilton Ave., Palo Alto, CA 94301
Foot protective products.

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

Oxequip Health Industries, 12601 S. Springfield Ave., Chicago, IL 60658
Resuscitation Equipment.

Oxygen Therapy Institute, 19142 James Couzens Hwy., Detroit, MI 48235
Portable emergency oxygen inhalator.

Pac-Kit Safety Equipment Co., 100 Pearl St., Norwalk, CT 06850
First aid kits and supplies.

Parker Pen Co., 219 E. Court St., Janesville, WI 53545
Incentive items.

Par Marketing Associates, Inc., 635 Wetmore Dr., Wichita, KS 67209
Traffic control devices.

Patent Scaffolding Co., 2100 S. Kilbourn, Chicago, IL 60623
Aluminum scaffolding, rolling, and wood and aluminum ladders.

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

Pioneer Industrial Gloves, 1831 Olive St., St. Louis, MO 63103
Industrial gloves.

Plectron Corp., Overton, NE 68863
Communication equipment.

The Positive Safety Mfg. Co., 34990 Vokes Dr., Eastlake, OH 44094
Power press safety devices.

Professional Health Services, Inc., 83 S. Eagle Rd., Havertown, PA 19083
Mobile health testing programs.

Protective Footwear Services, Ltd., Lodge Rd., Kingswood, Bristol BS151JB England
Safety footwear.

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

Pro-Tek Industrial Eyewear, Box 35000, Louisville, KY 40232
Safety eyeglasses.

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

Pulmosan Safety Equipment Corp., 30-48 Linden Pl., Flushing, NY 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, NJ 07927
Fire and smoke detection and alarm systems.

Quest Electronics, 510 Worthington St., Oconomowoc, WI 53066
Sound measuring instrumentation.

Racal Airstream, Inc., 5 Research Pl., Rockville, MD 20850
Anti-dust helmets.

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

Radiator Specialty Co., 1400 W. Independence Blvd., Charlotte, NC 28201
Traffic guides, cones, lights, flags.

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

Ratcliff Hoist Co., 1655 Old County Rd., San Carlos, CA 94070
Safety hoists and load binders.

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

Red Kap Industries, 749 Massman Dr., Nashville, TN 37201
Industrial safety garments.

Reflexite Corp., 199 Whiting St., New Britain, CT 06051
Retroreflective traffic control products.

Reliable Fire Equipment Co., 12845 S. Cicero, Alsip, IL 60658
Fire protection equipment.

J. C. Renfroe Sons, Inc., Box 4279, Jacksonville, FL 32201
Safety clamps for lifting steel.

Research & Trading Corp., 3103 N. Market St., Wilmington, DE 19802
Emergency escape device.

Robar Protective Products, 2213 W. Glenwood Ave., Philadelphia, PA 19132
Protective clothing.

Robbins Aviation, Inc., 3817 Santa Fe Ave., Vernon, CA 90058
Compressed respiratory air purification.

Robertshaw Controls Co., 333 N. Euclid Way, Anaheim, CA 92803
Respiratory protection.

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

1977 National Safety Congress

- Rockford Safety Equipment Co., 4620 Hydraulic Rd., Rockford, IL 61109
Personal protective, first-aid and fire protection equipment.
- Romanoff Design, Inc., 29 East 28 St., New York, NY 10016
First-aid cabinets.
- Rose Mfg. Co., 2775 S. Valjejo St., Englewood, CO 80110
Automotive seat belts. Industrial safety belts, lanyards, net, and ladder safety devices.
- Royal Industries, Signal Div., 1370 Esperanza St., Los Angeles, CA 90023
Emergency lighting.
- Safety, Inc., Box 400, Exeter, NH 03833
Folding wheel chocks.
- Safety Appliance Co., 223 S. College, Tyler, TX 75701
Foot protection.
- Safety Cans Corp., 5213 Hononegah Rd., Roscoe, IL 61073
Safety storage cans.
- Safety First Industries, Inc., 4900 Campbell Rd., Willoughby, OH 44094
Personal protective equipment.
- Safety First Shoes, Inc., 9th and Greenleaf Sts., Allentown, PA 18105
Safety shoes for industry, railroad, and military use.
- Safety & Industrial Net Co., 23 Edgerton St., East Hampton, CT 06424
Safety nets.
- The Safety Journal, Anderson, SC 29621
Safety publication.
- Safety Product News, One West Olney Ave., Philadelphia, PA 19120
Safety publications.
- Sa-So, Inc., 1185 108th St., Grand Prairie, TX 75050
Safety signs, fire extinguishers.
- Schubert Corp., 1510 Albon Rd., Holland, OH 43528
Safety hats and caps, face shields, accessories. Helmets, safety goggles, and wrap-around protective goggles.
- Scott Aviation Div. A-T-O, 225 Erie St., Lancaster, NY 14086
Respirators, inhalators, and environmental protection equipment.
- Searjeant Safety Products, 3111 Winton Rd., S., Rochester, NY 14623
Press guards.
- Seiberling Latex Products, 4500 S.E. 59th St., Oklahoma City, OK 73135
Industrial rubber gloves.
- Sellstrom Mfg. Co., P.O. Box 355, Palatine, IL 60067
Eye and face protective equipment.
- Seron Mfg. Co., 254 Republic Ave., Joliet, IL 60435
Eye glass guards.
- Services & Materials Co., Inc., 13333 Britton Park Rd., Noblesville, IN 56060
Traffic safety products.

List of Exhibitors

- The Servus Rubber Co., 1136 Second St., Rock Island, IL 61201
Rubber footwear of all types.
- Sharp, Inc., 3535 S. Irving St., Englewood, CO 80110
Safety climbing devices.
- Clyde A. Short Co., 4205 E. Dixon Blvd., Shelby, NC 28150
Safety awards.
- Sick Optik-Elektronik, Inc., 113 S. Main, Stillwater, MN 55082
Power press guards.
- Signal Press, 1730 Chicago Ave., Evanston, IL 60201
Alcohol education materials.
- Silicone Paper Co. of America, 100 Bickford St., Rochester, NY 14606
Lens cleaning products.
- Simpson Electric Co., 853 Dundee Ave., Elgin, IL 60120
Sound level meters and dosimeters.
- Singer Safety Products, 444 N. Lake Shore Dr., Chicago, IL 60611
Gloves, portable welding screens.
- Anatole J. Sipin Co., 425 Park Ave. S., New York, NY 10016
Air sampling devices.
- Smith System, 3235 Hancock St., San Diego, CA 92110
Driver training.
- Smokeless Tobacco Council, 2066 E. Main St., Peekskill, NY 10566
Safety posters.
- Speakman Co., 301 E. 30th St., Wilmington, DE 19899
Emergency eyewash and showers.
- Standard Safety Equipment Co., 431 N. Quentin Rd., Palatine, IL 60067
Acid and chemically resistant clothing.
- Sta-Put Enterprises, Inc., 201 Willow St., Massapequa Park, NY 11762
Wheel chocks.
- Statitrol Corp., 140 S. Union Blvd., Lakewood, CO 80228
Smoke detectors.
- Steel Grip Safety Apparel Co., Inc., 700 Garfield St., Danville, IL 60832
Hand and body protection.
- Stephenson Industries, Inc., Box 1000, Farmingdale, NJ 07727
Resuscitators.
- Stonehouse Signs, Inc., 5550 W. 60th St., Arvada, CO 80002
Accident prevention signs and tags.
- Sugar Beet Products Co., 302 Waller St., Saginaw, MI 48605
Industrial skin cleaners.
- Super Vacuum Mfg. Co., 1202 Madison Ave., Loveland, CO 80537
Electric exhaust fans.
- Surety Rubber Co., North High St., Box 97, Carrollton, OH 44615
Safety apparel, gloves, sleeves, aprons, and specialized protective equipment.

1977 National Safety Congress

Surty Mfg. Co., Route 3, Gleason, WI 54935
Press guards.

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

Synthetic Surfaces, Inc., 1566 W. Mason, Green Bay, WI 54303
Changeable safety signs.

3M Company, 3M Center, St. Paul, MN 55101
Face masks, personal environment systems, static eliminators, projectors.

Tasco Corporation, 22 Almeida Ave., E. Providence, RI 02914
Personal hearing protectors.

Teledyne Big Beam, 290 E. Prairie St., Crystal Lake, IL 60014
Lighting.

Texknit Machinery Ltd., Pleasant Dr., Lochmere, NH 03252
Glove knitting machines.

Titmus Optical Co., Inc., 1015 Commerce St., Petersburg, VA 23803
Safety frames, safety lenses and vision tester.

Toledo Pressed Steel Co., 397 Phillips Ave., Toledo, OH 43612
Highway safety products.

Tonemaster Mfg. Co., 7807 N. Pioneer Lane, Peoria, IL 61614
Back-up alarms and specialized alarm specials.

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

Tri-Texas, Inc., 1108 107th St., Arlington, TX 76011
Liquid tire sealer/balancer.

Tyco Instrument Div., 4 Hartwell Pl., Lexington, MA 02173
Electronic machine guarding.

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

Union Engineering Corp., W. Main St., South Hadley, MA 01075
Blow guns.

Uniroyal, Inc., 58 Maple St., Naugatuck, CT 06770
Safety footwear.

United Health Systems, Inc., 194-A Skokie Valley Rd., Highland Park, IL 60035
Mobile health testing.

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

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

U.S. Mat & Rubber Co., Inc., 93 Pleasant St., Brockton, MA 02401
Floor matting.

U.S. Safety Trolley Corp., 1070 Banksville Rd., Pittsburgh, PA 15216
Safety trolley.

List of Exhibitors

Unz & Company, 190 Baldwin Ave., Jersey City, NJ 07306
Hazardous materials labeling and training.

Vidaro Corp., 333 Martinel Dr., Kent, OH 44240
Work clothing.

Warning Lites of Illinois, Inc., 844 Kay Ave., Addison, IL 60101
Highway warning devices.

Weatheralert, 639 S. Dearborn, Chicago, IL 60605
Emergency weather reporting.

Weatheralls, Inc., 101 Country Club Dr., New Orleans, LA 70124
Industrial rainwear.

R. D. Werner Co., Box 580, Greenville, PA 16125
Safety ladders.

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

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

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

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

Williams Jewelry and Mfg. Co., 3152 Morris St. N., St. Petersburg, FL 33713
Safety plaques, trophies, awards, emblems, badges, and incentives.

Willson Products Div. ESB Inc., 2nd and Washington Sts., Reading, PA 19603
Personal protective equipment for industry.

The Wilson Sales Co., 732 N. San Gabriel Blvd., Rosemead, CA 91770
Welding curtains.

Wolverine World Wide, 209 E. Fifth St., Reed City, MI 49677
Hand and head protection.

Daniel Woodhead Co., 3411 Woodhead Dr., Northbrook, IL 60062
Electrical specialties.

Woodings Verona Tool Works, 43 Jones St., Verona, PA 15147
Safety tools.

Work Area Protection Corp., 712 S. Westgate Dr., Addison, IL 60101
Traffic equipment.

Work Glove Manufacturers Association, 547 N. Milwaukee Ave., Libertyville, IL 60048
Hand protection information.

Worklon, Inc., 63 New York Ave., Huntington, NY 11743
Special purpose clothing—acid-resistant, lint-free, static-free and fire-resistant.

Zee Medical Products Co., Inc., 16641 Hale Ave., Irvine, CA 92705
First aid kits and supplies.

1977 National Safety Congress

Zenith Hearing Instrument Corp., 6501 W. Grand Ave., Chicago, IL 60635
Audiometric test rooms.

EDUCATIONAL EXHIBITORS

American Association of Occupational Health Nurses, 79 Madison Ave., New York,
NY 10016
Activities of the association.

American Conference of Government Industrial Hygienists, Box 1937, Cincinnati,
OH 45201
Information on the publications of ACGIH.

American Industrial Hygiene Association, 66 S. Miller Rd., Akron, OH 44313
Monthly journal.

American National Red Cross, 18th & D Sts., N.W., Washington, DC 20006
First aid.

Chicago Police Department, 54 W. Hubbard St., Chicago, IL 60610
Traffic safety.

Conference of State and Local Safety Organizations, 444 N. Michigan Ave., Chicago,
IL 60611
Information on location and services offered by state and local safety
councils.

National Institute for Occupational Safety & Health, 4676 Columbia Pkwy., Cincin-
nati, OH 45226
Information about NIOSH activities.

National Safety Management Society, 6060 Duke St., Alexandria, VA 22304
Information about society activities.

System Safety Society, IIT Research Institute, Chicago, IL 60616
Society information.

United States Coast Guard, 2100 2nd St., S.W., Washington, DC 20590
Boating safety.

Occupational Safety and Health Administration, U.S. Dept. of Labor, Washington,
DC 20210
OSHA.

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National Safety Council

A Membership Organization Dedicated to Protecting Life and Promoting Health

March 21, 2001

Baron & Budd, P.C.
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Respectfully,

A handwritten signature in cursive script that reads "Robert J. Marecek".

Robert J. Marecek
Manager, Library

A handwritten signature in cursive script that reads "Marilyn P. Petersen".

