



GUY MONACO •

ASSOCIATION OF IRON AND STEEL ENGINEERS

made while furthering the technical advancement of the engineering profession and its application to public welfare. He is a registered professional engineer and designated consulting engineer in Ontario.

President's Message 1992

It is both an honor and a privilege to be President of the Association of Iron and Steel Engineers for 1992, the year the Association celebrates its 85th anniversary. AISE's continuing position of leadership as a service organization reflects its responsiveness to the changing needs of our industry as it becomes more complex and sophisticated.

After major restructuring and large investments to modernize production facilities to world-class status, the North American steel industry is now in good position to compete globally. These competitive production and processing capabilities have been achieved by investments in new technology and more efficient operating practice. World-class operation is the basis of competition in the 1990's. Customers' demands are continuously lifting quality standards, and what is now considered outstanding performance will likely become the norm by the end of this decade. Process superiority favorably affects cost, quality, and delivery; consequently, cost-effective technological innovation is of increasing importance for the future economic prosperity of our industry. However, new technology requires special skills to produce large advances in productivity and quality of products and services. Investment in the development of human resources is an important element of any strategy to achieve the required competitive position and the profit performance of business.

Against a backdrop of intensive global competition, escalating costs, and expensive environmental issues, the iron and steel industry faces the challenge of being

creative and able to innovate quickly and efficiently. In response to this need, the Association has recently created a new engineering division to address environmental problems and continues to fund numerous applied engineering projects that will benefit the steel industry. Expenditures for these projects have amounted to approximately 2.5 million dollars over the past 10 years. Projects presently underway include major studies to reduce cost of mill buildings, to improve the life of BOF vessels and lining, and to enhance the quality of hot rolled products through better strip cooling control.

The Association of Iron and Steel Engineers' guiding principle is to play an important role in the physical and technological development of a modern steel industry by providing services that are relevant to the needs of the times. This is accomplished by providing a forum, with significant international participation, for the specialists in the broad spectrum of technologies to present the latest developments in process design and equipment from around the world and to identify future direction and priorities in the area of research and development for the iron and steel industry.

Our industry is undergoing essential changes in marketing and operation. The AISE commitment is to be in step with these changes by developing innovative programs which address both needs and opportunities for the selective application of process technologies which result in production flexibility and high operating efficiency, essential requirements for corporate success and survival in the emerging global economy.

Guy Monaco

GUY MONACO, Chief Engineer, Stelco Technical Services Ltd., Burlington, Ont., Canada, attended Aterno College, Pescara, Italy. He completed the APEO examination program in mechanical engineering at McMaster University, and a technical management program at Carnegie Mellon University. He joined Stelco in 1962 as a design engineer. Subsequently, he has held positions of: engineering staff specialist, 1968; engineering supervisor—special projects, 1970; senior supervisor—mechanical engineering, 1972; assistant engineering manager—mechanical systems, 1974; mechanical engineering manager, 1980; engineering manager—systems and automation, 1982; and engineering manager—technical systems, 1985. He was named to his present position in July 1986. He has authored several technical papers and holds patents in the U.S. and Canada. He was named AISE Kelly Award winner in 1981, 1984 and 1986. He received the R.W. Angus Medal in 1981, the highest national honor in Canada awarded by the Engineering Institute of Canada for the best paper on a mechanical engineering subject. In 1987, he received the prestigious medal for engineering excellence by the Association of Professional Engineers of Ontario in recognition of valuable contributions