



SAN FERNANDO VALLEY ENGINEERS' COUNCIL
SAN FERNANDO VALLEY, CALIFORNIA

OBSERVING NATIONAL ENGINEERS' WEEK

FEBRUARY 20-26, 1983

NATIONAL ENGINEERS' WEEK THEME

"ENGINEERS — TURNING IDEAS INTO REALITY"

HONOR AWARDS BANQUET DANCE

SATURDAY NIGHT, FEBRUARY 26, 1983

DISTINGUISHED KEYNOTE SPEAKER

**THE HONORABLE MALCOLM BALDRIGE
SECRETARY OF COMMERCE—
UNITED STATES
WASHINGTON, D.C.**

*** ENGINEERING AWARDS PRESENTATIONS ...**

- ENGINEER OF THE YEAR SAN FERNANDO VALLEY
- ENGINEERING ACHIEVEMENT AWARDS
- ENGINEERING MERIT AWARDS

**THE ODYSSEY
15600 Midwood Drive
Mission Hills, California**

"Overlooking the San Fernando Valley"



**DANCE WITH
MARTI AND THE VIBRATIONS
THE BIG BAND SOUND THAT YOU WILL ENJOY!**

**7:00 PM COCKTAILS — 7:45 PM DINNER — AWARDS — 9:45 PM DANCE
UNTIL MIDNIGHT**



THE WHITE HOUSE
WASHINGTON

I am delighted to send my greeting to all members of the engineering profession as well as all members and officers of the San Fernando Valley Engineers' Council as you celebrate your 28th annual National Engineers' Week. This is a celebration in which all Americans should join in appreciation of the great contributions of engineers to our society.

The role of the engineer in the history of the United States reminds us of how closely our national progress has been linked to technology. Our success in taking advantage of new knowledge arises from America's broad educational opportunities, a free enterprise system that rewards innovation, and a society in which all people have been able to share in the benefits of industrial advances.

But the challenges that our nation faces today remind us that the importance and opportunities of technology are being increasingly recognized in many societies. In the balance of this century, we will be looking more than ever to engineers to help U.S. industries compete effectively throughout the world and to transform advances in science and technology into products and services for a bright future.

This week of events celebrating engineering is a good time to remind ourselves of our shared responsibilities for ensuring that the institutions that underlie the engineering profession remain strong. As responsible citizens we can't settle for anything less than excellence in our educational institutions, and we must provide the kind of personal, community, and professional support that makes that excellence possible.

On behalf of the American people, I salute the contributions of the American engineering community to national progress. On this National Engineering Week, I extend my congratulations and best wishes for an equally productive future.

Ronald Reagan

CELEBRATING OUR 28th ANNIVERSARY

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

SAN FERNANDO VALLEY, CALIFORNIA

Honor Awards Dinner - Dance



- SOCIAL HOUR 6:45 PM
- WELCOME Dr. William F. Hassel, P.E., President
San Fernando Valley Engineers' Council
Member Technical Staff
Aerospace Corporation
El Segundo, California
- SALUTE TO THE FLAG 7:45 PM
- DINNER 7:45 PM
- INTRODUCTION Dr. William F. Hassel
- PRESENTATION ENGINEERING '83 MERIT AWARDS

Presented by Lloyd Higginbotham, FIAE,
Immediate Past President
San Fernando Valley Engineers' Council
President
Marsallo Industries
Canoga Park, California

Presentation in alphabetical order:

- Daniel S. Appleton, President
D. Appleton Company, Incorporated
Manhattan Beach, California

"Outstanding activities in the development of productivity,
management and data based systems for the Factory of the Future."

● PRESENTATION ENGINEERING '83 MERIT AWARDS

- John P. Belton, Jr., Director of Engineering, Defense Systems
Bunker Ramo Electronic Systems
Westlake Village, California

"Outstanding activities and achievements in innovative approaches
in complex solutions on programs that are key in the defense of
this nation."
- Edmond H. Bruist, Production Engineering Advisor
Shell California Production Inc.
Ventura, California

"Outstanding achievements and activities in innovative approaches
and technical contributions in oil and gas well production."
- Dr. Bonita J. Campbell
Department of Civil and Industrial Engineering and Applied Mechanics
School of Engineering and Computer Science
California State University, Northridge
Northridge, California

"Outstanding activities and achievements and leadership in
Women in Science."
- Jerry L. Carter, Associate Professor
Head Air Conditioning Refrigeration/Solar Technology
Riverside City College
Riverside, California

"Outstanding activities and achievements in education and industry
in advanced energy conservation systems and programs."
- Peter F. Einik, P.E., Engineering Consultant
Santa Monica, California

"Outstanding activities in the professional engineering
community and professional societies."
- Robert B. Gray, Director of Engineering Services
Pacific Health Resources
Los Angeles, California

"Outstanding activities and achievements in innovative engineering
services that has had an impact on the health care profession."

● PRESENTATION

ENGINEERING '83 MERIT AWARDS

- Dennis A. Holweger, P.E., Resident Facilities Manager
NASA Marshall Space Flight Center
Resident Management Office
Canoga Park, California

"Outstanding achievements and activities in advanced manufacturing systems and equipment for the Space Shuttle Main Engine."
- Keith R. Jenkin, Advanced Project Manager,
Ground Based Electronic Systems Division
TRW
Newbury Park, California

"Outstanding achievements and innovative programs in the successful GEODSS Program an Air Force satellite tracking system."
- Walter Maguire, Group Vice President & Manager AMRAAM Division
Hughes Systems Group
Hughes Aircraft Company
Canoga Park, California

"Outstanding achievements in industry and education professional career related activities."
- Sandra B. Metzger, Director of Development & Public Relations
California State University, Northridge
Northridge, California

"Outstanding achievements with industry and education in fund raising for equipment, scholarships, and community activities."
- William J. Milam, Senior Mechanical Engineer
Lockheed California Company
Burbank, California

"Outstanding activities and achievements in the fields of productivity and energy conservation programs."
- Richard F. Neerken, P.E., Section Manager, Rotating Equipment
The Ralph M. Parsons Company
Pasadena, California

"Outstanding achievements and activities and recognized authority in the field of rotating machinery for energy systems."

● PRESENTATION

ENGINEERING '83 MERIT AWARDS

- Charles C. Olsefsky, P.E., Project Engineer
Hughes Aircraft Company
Missile Systems Group
Canoga Park, California

"Outstanding achievements in industry and education professional career related activities."
- Nicholas Renna, Jr., Manager ASW Systems
Bunker Ramo Electronic Systems
Westlake Village, California

"Outstanding achievements and activities in innovative approaches and technical contributions on programs that are key in the defense of this nation."
- Dr. David M. Schwartz
Department of Electrical and Computer Engineering
California State University, Northridge
Northridge, California

"Outstanding activities and achievements in the development of close industry and education relationships being reflected into education."
- Dr. Diane L. Schwartz
Department of Electrical and Computer Engineering
California State University, Northridge
Northridge, California

"Outstanding activities and achievements in the development of close industry and education relationships being reflected into education."
- James W. Snyder, Manufacturing Manager,
Defense Systems Technical Projects
TRW, Inc.
Defense and Space Systems Group
Redondo Beach, California

"Outstanding achievements and activities in the development of innovative and productive manufacturing systems for the space program."

● PRESENTATION

ENGINEERING '83 MERIT AWARDS

- Prof. Leonard Spunt
School of Engineering and Computer Science
California State University, Northridge
Northridge, California

"Outstanding activities and achievements in structural optimization in unique modular dome structures."

- Lawrence O. Ward, Principal Investigator
Factory of the Future
Northrop Aircraft Division
Hawthorne, California

"Outstanding activities and achievements in productivity and management systems for the Factory of the Future."

- Herbert Weisse, Customer Support Engineer Analyst
Lockheed California Company
Burbank, California

"Outstanding service and achievements in the professional engineering and legislative community."

● PRESENTATION - HONORARY ENGINEER OF THE YEAR AWARD - 1983

Malcolm Baldrige, United States Secretary of Commerce
Washington, D. C.

Accepting for Malcolm Baldrige

Egils Milbergs, Director
Office of Productivity
Washington, D.C.

● PRESENTATION - EDUCATION ACHIEVEMENTS AWARD - 1983

Dr. Robert Y. Wong, P.E.,
Department of Electrical and Computer Engineering
California State University Northridge
Northridge, California

● PRESENTATION - ENGINEERING ACHIEVEMENTS AWARD - 1983

Dr. George J. Friedman, P.E., Vice President - Technical
Northrop Corporation
Los Angeles, California

● PRESENTATION - ENGINEERING ACHIEVEMENTS AWARD - 1983

Hugh Brady, P.E., FIAE, Vice President and General Manager
TRW, Inc., Electronics and Defense Sector
Redondo Beach, California

● PRESENTATION - LEGISLATIVE ACHIEVEMENTS AWARD - 1983

The Honorable Richard Katz, Assemblyman 39th District
California Legislature
Sacramento, California

● PRESENTATION - DISTINGUISHED PUBLIC CONTRIBUTIONS AWARD - 1983

Samuel X. Garcia, President
H R TEXTRON
Valencia, California

● PRESENTATION - DISTINGUISHED ENGINEERING AWARD - 1983

John H. Keller, P.E., FIAE, Vice President Production Operations
Rocketdyne Division, Rockwell International
Canoga Park, California

● PRESENTATION - ENGINEER OF THE YEAR - SAN FERNANDO VALLEY - 1983

Charles G. Fargo, Vice President - Engineering and Test
Rocketdyne Division, Rockwell International
Canoga Park, California

Presented by Ben R. Rich, Vice President and General Manager
Advanced Development Projects
Lockheed California Company
Burbank, California
1981 Engineer Of The Year Recipient

PREVIOUS WINNERS OF THE SAN FERNANDO VALLEY

ENGINEER OF THE YEAR AWARD

● PRESENTATION - PETER RECCHIA OMNI MEMORIAL AWARD - 1983

Charles G. Fargo, Vice President - Engineering and Test
Rocketdyne Division, Rockwell International
Canoga Park, California

Presented by Ben R. Rich, Vice President and General Manager
Advanced Development Projects
Lockheed California Company
Burbank, California
1981 Recipient

● PRESENTATION - CALIFORNIA STATE LEGISLATIVE RESOLUTION

By The Hon. Richard Katz, Assemblyman 39th District,
San Fernando Valley, California - to

Charles G. Fargo, Vice President - Engineering and Test
Rocketdyne Division, Rockwell International
Canoga Park, California

and

Samuel X. Garcia, President
H R TEXTRON
Valencia, California

● KEYNOTE ADDRESS

Malcolm Baldrige, United States Secretary of Commerce
Washington, D. C.

Substituting for Malcolm Baldrige

Egils Milbergs, Director
Office of Productivity
Washington, D. C.

● CLOSING REMARKS - Dr. William F. Hassel, President
San Fernando Valley Engineers' Council

● DANCING FOR THE REMAINDER OF THE EVENING

● MARTI AND THE VIBRATIONS

The Big Band Sound That You Will Enjoy

- 1959 Roy E. Marquardt, The Marquardt Corporation
- 1960 Richard Bradshaw, Consulting Structural Engineer
- 1961 Milford G. Childers, Lockheed California Company
- 1962 Paul R. Vogt, Rocketdyne
- 1963 George T. Harness, San Fernando Valley State College
- 1964 Ralph Balent, Atomics International
- 1965 Clarence L. Johnson, Lockheed California Company
- 1966 Steve J. Domokos, Rocketdyne
- 1967 James A. Broadston, Rocketdyne
- 1968 Dr. Arnold M. Levine, ITT Aerospace
- 1969 Willis M. Hawkins, Lockheed Aircraft Corporation
- 1970 Ralph A. Lamm, Bendix Electrodynamics
- 1971 Arthur A. Daush, Jr., Hughes Aircraft Company
- 1972 Dr. R. N. Ghose, American Nucleonics Corporation
- 1973 John J. Guarrera, SACOM
- 1974 Elliott A. Green, Lockheed California Company
- 1975 Mathew C. Ek, Rocketdyne
- 1976 Sam F. Iacobellis, Atomics International
- 1977 Lon L. Sanders, ITT Gilfillan
- 1978 Norman J. Ryker, Rockwell International
- 1979 Donald C. Tillman, City of Los Angeles
- 1980 Dominick J. Sanchini, Rocketdyne
- 1981 Ben R. Rich, Lockheed California Company
- 1982 Dr. Paul B. MacCready, President, AeroVironment Inc.

PAST RECIPIENTS OF HONORARY ENGINEER OF THE YEAR

- 1970 William Lear, Chairman of the Board, Lear Motors, Reno, Nevada
- 1971 Willard F. Rockwell, Jr., Chairman of the Board, Rockwell International
- 1972 Hon. Donald R. Jackson, Deputy Assistant Secretary, U.S. Air Force
- 1973 Daniel J. Haughton, Chairman of the Board, Lockheed Aircraft Corporation
- 1974 Dr. Christopher C. Kraft, Jr., NASA, Lyndon B. Johnson Space Center
- 1975 Burt F. Raynes, Chairman of the Board, Rohr Industries
- 1976 Grant L. Hansen, V.P. & General Manager, General Dynamics, San Diego
- 1977 Aaron Cohen, Mgr., Orbiter Project, NASA, Lyndon B. Johnson Space Center
- 1978 Astronaut Dr. David R. Scott, President
Scott Preyss Associates, Inc., Los Angeles
- 1979 Major General James W. Stansberry, Washington, D. C.
- 1980 Elmer B. Staats, Comptroller General of the United States, Washington, D. C.
- 1981 Douglas T. Ross, Chairman of the Board, SOFTECH Inc., Waltham, Massachusetts
- 1982 Ronald Reagan, President of the United States

1983 ENGINEERS' WEEK COMMITTEE AND OFFICERS

SAN FERNANDO VALLEY ENGINEERS' COUNCIL

- Dr. William F. Hassel, President, AIAA, *CHAIRMAN*
- Lloyd W. Higginbotham, FIAE, SME, Industry Advisory Board, *INDUSTRY ADVISORY BOARD*
- Clifford Terry, ~~President~~, SME, CASA, *TICKET SALES*
- Roland V. Roggero, ~~Secretary~~, ~~Treasurer~~, *CSME, ASHE, FIAE*
- Clifford B. Shiepe, P.E., ~~Chairman~~ Resolutions Committee, *AII Honor Award*
- John Guarrera, P.E., Chairman Honor Awards, IEEE
- William B. Johnson, P.E., Honor Awards ~~Committee~~, SME, CSPE, ASM, CASA
- Lawrence Souder, P.E., ~~Chairman~~ Display Committee, AIPE, CSPE, ASME, *SME*
- ~~Ted Saphie~~, Ticket Sales, *SME*
- Norman Shaffier, P.E., FIAE, Chairman Banquet Committee
- Jakob K. Jakobsen, P.E., Ticket Sales, ASME, *Society Delegations*
- James Ritchey, ~~Ticket Sales~~, AIIE, *IDEX*
- Fred Daams, Ticket Sales, IEEE, *TU*
- Milton W. Snyder, Chairman Public Relations, *CSPE*
- William J. Douthitt, P.E., Public Relations, SME, ASSE
- William Tracy, Public Relations, SME, CASA
- William J. Johnson, Photographer, SME, CASA
- Sidney Steinfeld, P.E., Ticket Sales, SAVE
- LEONARD D. DIPERI, P.E., FIAE, FINANCIAL RESOURCES, I.A.B.

FIAE Betty

PETER RECCHIA OMNI MEMORIAL AWARD - 1983

The movies have their Oscar; the television industry has its Emmy; and the San Fernando Valley Engineers' Council presents for the eleventh time, the Engineering Omni Award. This was presented to the Engineer of the Year - San Fernando Valley - 1973, and thereafter, to each succeeding Engineer of the Year - San Fernando Valley. This beautiful, original trophy was conceived, designed and produced by Peter Recchia, P.E., SME, AIIE. Mr. Recchia was a dedicated supporter of the engineering community. When he passed away, the Omni Award was renamed, "Peter Recchia Omni Memorial Award."

IN APPRECIATION

- ✓ Rocketdyne Division, Rockwell International
- ✓ Energy Systems Division, Rockwell International
- ✓ ~~Bedford International~~
- ✓ Southern California Gas Company
- ✓ TRW Inc.
- ✓ ITT Gilfillan
- ✓ California State University Northridge
- ✓ AirResearch Manufacturing
- ✓ DiPeri Manufacturing Company
- ✓ Hon. Richard Katz, Assemblyman 39th District
- ✓ ~~Society of Manufacturing Engineers, Chapters 99, 173, 197~~
- ✓ Vetco Offshore
- ✓ Marsallo Industries
- ✓ Bunker Ramo Corporation
- ✓ Lockheed California Company
- ✓ H R TEXTRON
- ✓ Hughes Aircraft Company

GUARANTEED BROADCAST GOLDEN WEST BROADCASTING, KTLA, CHANNEL 5

NATIONAL ENGINEERS WEEK

ENGINEERS: TURNING IDEAS INTO REALITY

FEBRUARY 20-26, 1983

SAN FERNANDO VALLEY ENGINEERS' COUNCIL MEMBER SOCIETIES

- AMERICAN INSTITUTE OF CHEMICAL ENGINEERS • AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS • AMERICAN INSTITUTE OF PLANT ENGINEERS • AMERICAN PRODUCTION AND INVENTORY CONTROL SOCIETY • AMERICAN SOCIETY OF MECHANICAL ENGINEERS • AMERICAN SOCIETY FOR METALS • AMERICAN SOCIETY OF NUCLEAR ENGINEERS • AMERICAN SOCIETY FOR QUALITY CONTROL • AMERICAN WELDING SOCIETY • ASSOCIATION FOR COMPUTING MACHINERY • CALIFORNIA HOSPITAL ENGINEERS' ASSOCIATION, INC. • CALIFORNIA SOCIETY OF PROFESSIONAL ENGINEERS • INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS • INSTITUTE OF ENVIRONMENTAL SCIENCES • INSTRUMENT SOCIETY OF AMERICA • SOCIETY OF AEROSPACE MATERIALS AND PROCESS ENGINEERS • SOCIETY OF AUTOMOTIVE ENGINEERS • SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS • SOCIETY OF LOGISTICS ENGINEERS • SOCIETY OF MANUFACTURING ENGINEERS-99 • SOCIETY OF MANUFACTURING ENGINEERS-173 • SOCIETY OF MANUFACTURING ENGINEERS-197 • SOCIETY OF TECHNICAL WRITERS AND PUBLISHERS • SOCIETY OF VALUE ENGINEERS • SOCIETY OF WOMEN ENGINEERS