

FOIA MARKER

**This is not a textual record. This is used as an
administrative marker by the William J. Clinton
Presidential Library Staff.**

Collection/Record Group: Clinton Presidential Records
Subgroup/Office of Origin: Office of Science and Technology Policy
Series/Staff Member: Skip Johns
Subseries:

OA/ID Number: 10672
FolderID:

Folder Title:
American Society of Mechanical Engineers (ASME)

Stack:	Row:	Section:	Shelf:	Position:
S	66	4	5	1



ASME International

David L. Belden, Ph.D., P.E.
Executive Director
212-705-7730
FAX: 212-705-7739
CompuServe: 73354, 1224

345 East 47th Street
New York, NY 10017-2392
U.S.A.

February 10, 1995

Mr. Lionel S. Johns
Associate Director, Technology
Office of Science and Technology Policy
17th & Pennsylvania Avenue, N.W.
Washington, DC 20500

Dear Mr. Johns:

I am pleased to provide you the enclosed copy of the American Society of Mechanical Engineers' (ASME) *1995-96 Federal Policy Agenda*.

The policy agenda presents the public policy topics and issues of greatest concern to ASME. Many of these topics are also expected to be high on the administration's agenda, including continuing education for workers, government funding for research and development, and economic competitiveness.

Established in 1880, ASME is a non-profit educational and technical organization with 125,000 members, including 25,000 students. ASME members work in all sectors of the economy, including industry, academia, and government.

We look forward to working with the federal government on the important policy issues outlined in the *1995-96 Federal Policy Agenda of ASME*. If you would like additional information or if we may be of service, please contact our Washington Center at (202) 785-3756.

Sincerely,

David L. Belden

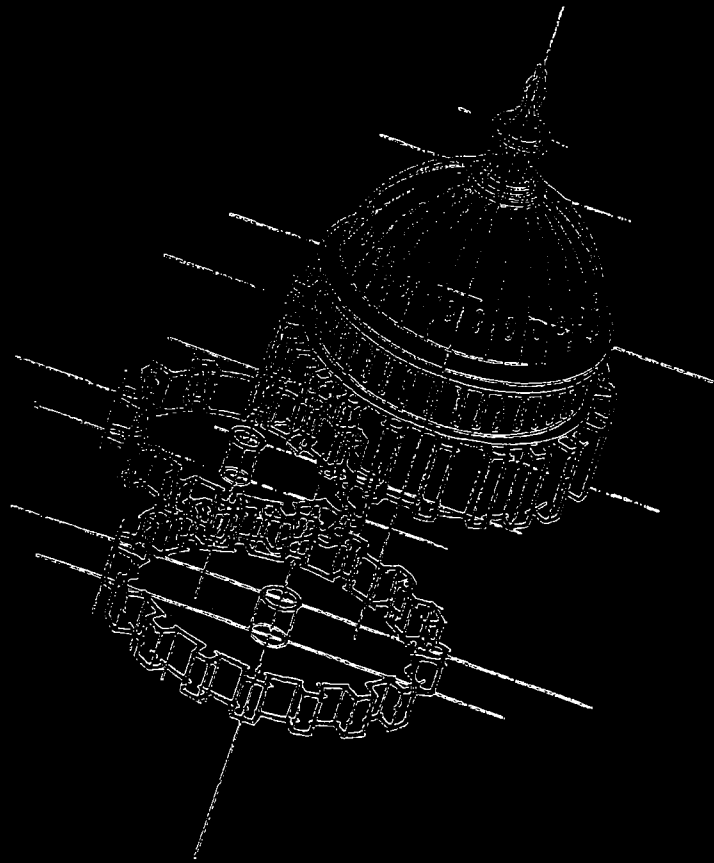
Enclosure

Clinton Presidential Records Digital Records Marker

This is not a presidential record. This is used as an administrative marker by the William J. Clinton Presidential Library Staff.

This marker identifies the place of a publication.

Publications have not been scanned in their entirety for the purpose of digitization. To see the full publication please search online or visit the Clinton Presidential Library's Research Room.



The 1995-96
Federal Policy
Agenda



ASME International

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

February 24, 1995

Dr. Lionel S. Johns
Associate Director
White House Office of Science
and Technology Policy
Old Executive Office Building
17th Street & Pennsylvania Avenue, N.W.
Room 423
Washington, D.C. 20500

Dear Dr. Johns:

Thank you for taking time out of your busy schedule to meet with us on February 13 to discuss areas of mutual interest between the White House Office of Science and Technology Policy and the Global Technologies Committee of the Council on Engineering of the American Society of Mechanical Engineers (ASME).

The Global Technologies Committee is tasked within the ASME Council on Engineering with identifying critical and emerging technologies of potential importance to the mechanical engineering community; working with technology leaders to determine the appropriate activities for promotion and development of these technologies; and determining the future role of these technologies as they impact the growth and competitiveness of the United States. The frank discussion and exchange of ideas at the meeting was greatly appreciated.

We look forward to working with you. The ASME Washington Center staff are available to address any questions or comments you may have regarding the activities of the committee. Please contact Sharon Cowan at (202)785-3756.

Sincerely,

A. Ozer Arnas, Ph.D., P.E.
Chairman
Global Technologies Committee



The American Society of
Mechanical Engineers

David L. Belden, Ph.D., P.E.
Executive Director
212-705-7730
FAX 212-705-7739

345 East 47th Street
New York, NY 10017

April 11, 1994

Mr. Lionel S. Johns
Associate Director
Office of Science and Technology Policy
17th & Pennsylvania Avenue, N.W.
Washington, DC 20500

Dear Mr. Johns:

I am pleased to provide you the enclosed copy of the American Society of Mechanical Engineers' (ASME) *1994 Federal Policy Agenda*.

The *Agenda* presents the public policy topics and issues of greatest concern to ASME. Many of these topics are also high on the administration's agenda, such as government funding for research and development, support for technologies that have the potential to serve both civilian and military markets, and reauthorization of "Superfund."

Established in 1880, ASME is a nonprofit, educational and technical organization with approximately 123,000 members, including 24,000 students. The overriding goal of ASME emphasizes the engineer's responsibility to the public's interest. ASME is pleased to serve as a resource to policymakers who are addressing the growing number of national problems requiring sound technical solutions.

We look forward to working with the administration on the important policy issues outlined in the *1994 Federal Policy Agenda of ASME*. If you would like additional information or if we may be of service, please contact our Washington Center at (202) 785-3756.

Sincerely,

David L. Belden

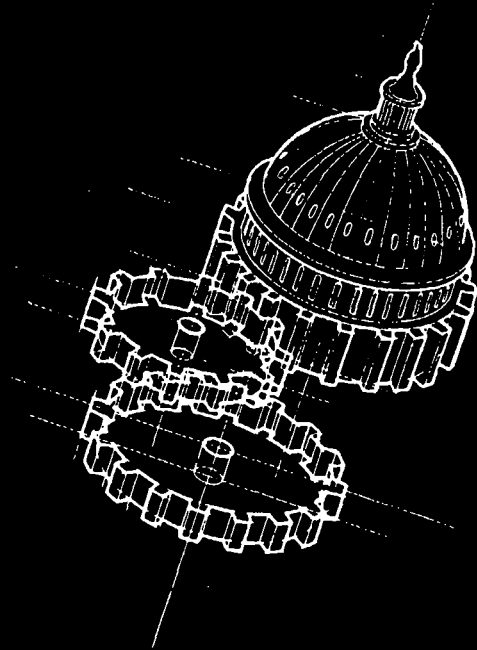
Enclosure

Clinton Presidential Records Digital Records Marker

This is not a presidential record. This is used as an administrative marker by the William J. Clinton Presidential Library Staff.

This marker identifies the place of a publication.

Publications have not been scanned in their entirety for the purpose of digitization. To see the full publication please search online or visit the Clinton Presidential Library's Research Room.



1994 Federal Policy Agenda of ASME



The American Society of
Mechanical Engineers



The American Society
Mechanical Engineers

ASME Washington Center/Government Relations Department
1828 L Street, N.W. • Suite 906 • (202) 785-3756 • Fax: (202) 429-9417

Please deliver this transmission to:

DATE: December 7, 1994

NAME: Skip Johns
OSTP
Fax No. 456-6023

FROM: Nelson L. Midler
Asst. Director

No. of Pages transmitted: 1

MESSAGE:

1. Robert A. Bell
Vice President
Research and Development
Consolidated Edison Co. of New York, Inc.
4 Irving Place, New York, NY 10003
(212) 460-3882, Room 1422
FAX 212 / 677-2050

2. Donald E. Bently
Chairman and CEO
Bently Nevada
PO Box 157
Minden, NV 89423
(702) 782-3611
Fax (702) 782-9253



ASME International

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

GLOBAL TECHNOLOGIES COMMITTEE
Washington Vistation
February 13-15, 1995

Monday, February 13

9:00 a.m.	Orientation ASME Washington Office
10:30 a.m.	Skip Johns, Assistant Director, Technology White House Office of Science & Technology Policy
12:00 noon	Tim Kyger, Majority Professional Staff Member Senate Commerce, Science & Transportation Committee
2:00 p.m.	Jim Turner, Minority Counsel House Science Committee
3:00 p.m.	Kelly Carnes, Deputy Assistant Secretary Technology Administration Department of Commerce

Tuesday, February 14

9:00 a.m.	Caroline Wagner, Policy Analyst Critical Technologies Institute
11:00 a.m.	Lee Buchanan, Director Defense Sciences Office Advanced Research Projects Agency
1:00 p.m.	Joseph Bordogna, Assistant Director Engineering Directorate National Science Foundation
2:30 p.m.	Patrick Windham, Minority Professional Staff Member Senate Commerce, Science & Transportation Committee

Wednesday, February 15

**8:30 a.m. Wrap-Up
ASME Washington Office**

2:00 p.m. Ben Wu, Majority Professional Staff Member (tentative)*
House Technology Subcommittee**



COE GLOBAL TECHNOLOGIES COMMITTEE MISSION AND OBJECTIVES

This committee should consider the Nation's future needs and capabilities, and seek to identify those new, emerging and critical, mechanical engineering technologies that will have a significant social, economical, and technological impact upon the Nation. It will promote the utilization of these technologies by mechanical engineers.

Specific Committee functions should include:

- Identify critical and emerging technologies of potential importance to the Nation and mechanical engineers.
- Identify the effect of these technologies on the globalization and competitiveness of the Nation.
- Work with the technology leaders to determine the appropriate activities for promotion and development of the technologies.
- Work with government sources, advisory groups, ASME technical divisions and other technical Societies to further promote and support development activities for these technologies.
- Promote critical and emerging technologies information dissemination among ASME technical divisions and other key entities.
- Prepare the Technical Divisions to be proactive on the critical and emerging technologies affecting them, so that ASME can interface and respond to Congress as deemed appropriate.
- Determine the future role of these technologies as they impact the growth and competitiveness of the United States.
- Provide a long range plan for COE that is annually updated.
- The committee should have representation from each technical Group including the Board on Research and the Gas Turbine Institute. A Vice Chairman position is also recommended to assist with guidance and leadership support.



ASME International

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

**GLOBAL TECHNOLOGIES COMMITTEE
WASHINGTON VISITATION
February 13-14, 1995**

Committee Participants:

Dr. A. Ozer Arnas, P.E.
Chairman
ASME Global Technologies Committee
404 Elmhurst Circle
Sacramento, CA 95825-6639
H-(916)641-1125

James F. Lundgren, P.E.
Association of American Railroads
Research and Test Department
50 F Street, N.W., Suite 7204
Washington, D.C. 20001-1530
B-(202)639-2243
F-(202)639-2285

J. Michael Nash, Ph.D., P.E.
Loral Federal Systems
Air Traffic Control
9211 Corporate Boulevard
Rockville, MD 20850-3225
B-(301)640-2027
F-(301)640-3406

Staff Participants:

Nelson Milder
ASME Washington Center
1828 L Street, N.W., Suite 906
Washington, D.C. 20036
B-(202)785-3756
F-(202)429-9417

Sharon Cowan
ASME Washington Center
1828 L Street N.W., Suite 906
Washington, D.C. 20036
B-(202)785-3756
F-(202)429-9417

Alex Majewski
ASME Technical Affairs, MS 7A
345 East 47th Street
New York, NY 10017
B-(212)705-7284
F-(212)705-7671

THE WHITE HOUSE
WASHINGTON

Date Rec'd

6/28

ACTION to

Wells

INFO to

Johns

MEMORANDUM

SIG of

JHE

Stationery

DATE DUE

7/12

TO: O S T P
FROM: Jennifer McCarthy, Director of the Office of Agency
Liaison, the White House
RE: Transition Correspondence
DATE: 6/24/93

Enclosed is correspondence which we received shortly before the Inauguration of President Clinton. Please return a copy of your agency's response and the original incoming letter to the President, to the Old Executive Office Building, Room 91, The White House, Washington, D.C. 20500. If you have any questions, please contact me at (202) 456-7486.

Once again, thanks for your help.

Enclosures: 1 pieces

*Transition
mail*

*→ Personal Issues -
Mtg.*



The American Society of
Mechanical Engineers

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

054 P
December 14, 1992

conesp

Mr. Vernon Jordan
Chairman
Clinton Transition Team
Presidential Transition Office
1120 Vermont Avenue, N.W.
Washington, D.C. 20270

Dear Vernon:

I am writing to you today, not in my executive role in Westinghouse Electric Corporation, but as a member of the Industry Advisory Board (IAB) of the American Society of Mechanical Engineers (ASME).

Established in 1880, ASME is a non-profit educational and technical professional society with 120,000 members, including 20,000 students. The Board is comprised of senior executives representing a cross section of "Corporate America." We study, review and discuss issues important to U.S. industry and recommend actions to ASME that, if implemented, help to resolve such issues. A roster of IAB members is attached for your information.

In the past we have tackled such issues as productivity improvement, global competitiveness and environmental concerns. In reaching our positions, we have benefitted from meeting with key members of the executive and legislative branches of the federal government, as well as experts from industry.

In recent years, we have prepared position papers on the following subjects:

- Critical Technologies and Technology Policy
- Technology Transfer and Industry/University/DoE National Laboratory Partnerships
- Designing for the Environment (position paper is currently being developed).

Attached to this letter is a brief description on each of these issues. The members of the Industry Advisory Board believe these issues are critical in building a stronger America.

Mr. Vernon Jordan
December 14, 1992
Page 2

Considering the importance of these issues, as expressed by President-Elect Clinton, we would like to make our services available to you. We would welcome the opportunity to promote a meaningful and cooperative relationship between industry and government. We offer to meet with you, or your designee, to discuss these topics in greater detail so that we can mutually determine how our organization can be more helpful in clarifying these issues with the objective of expediting their resolution. We are also open to considering other subjects that would benefit from an industry viewpoint.

I may be contacted at your earliest convenience at 412/642-5640. I look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ted", written in dark ink.

Theodore Stern
Member, Executive Committee
ASME Industry Advisory Board

Enclosure

TS/nsr

Critical Technologies and Technology Policy

The decline of U.S. industrial competitiveness in the world marketplace during the past decade has been well documented. One of the most important factors affecting the competitiveness of the nation's industrial sector is its ability to apply technology to enhance productivity and to develop new products while improving the quality of life.

Industry itself must lead the way in technological innovation to meet the challenge of international economic competition. However, government must also be involved in the process.

We encourage the Federal government to develop a coherent technology policy aimed at creating an environment in which technological innovation and application can flourish. As outlined in the April, 1990 ASME General Position Paper on U.S. Technology Policy, We offer the following five recommendations for framing an effective U.S. technology policy:

- U.S. economic policy should foster investment in the development and application of new technology;
- The Federal government should establish national technological goals and assume a more aggressive posture in support of the nation's civilian technology base;
- The Federal government's civilian technology functions should be consolidated to facilitate the development and implementation of a national technology policy;
- Government at all levels should assign a higher priority to supporting human resource development and the nation's educational enterprise;
- Regulatory and legal policies should be reformed to provide incentives for technology development and application.

In addition, the ASME Paper also recommended that the White House Office of Science and Technology Policy "launch an on-going initiative to establish a consensus among industry, government, technical societies and universities and setting national technological goals and for identifying critical technologies that require government support, incentives and/or protection."

Technology Transfer and Industry/University/DoE National Laboratory Partnerships

Research and development (R&D) is carried out by industry to create new technologies and improve existing technologies which can provide a competitive advantage in the marketplace for the industry's products and services. Therefore, R&D is essential for American industry to compete in the world economy.

The Federal government funds about half of the R&D conducted in the United States. Among the major performers of Federal R&D are the United States Department of Energy's national laboratories. The laboratories were originally established during World War II to develop nuclear weapons and other technologies to enhance national security. Today, the eight major DoE laboratories employ some 35,000 scientists and engineers and constitute a major technical resource for the nation.

Since the close of the Cold War, the national security mission of the DoE laboratories has come under intense review and we offer the following recommendations on how the national laboratories can be made more productive for the creation of national wealth through the U.S. commercial enterprise:

1. A fundamental re-direction of the DoE laboratories needs to take place over a five-year period;
2. A substantial portion of the DoE laboratories' research and development budgets should be re-directed for industry-driven R&D;
3. A new institutional mechanism should be created to administer the DoE laboratories' industry-driven R&D which recognizes industry, rather than government as the customer.
4. The criteria for funding the industry-driven R&D should require industry and government participation;
5. The research programs envisioned must encourage university participation;
6. An advisory board should be established to provide industry review of the DoE civilian R&D program.

Designing for the Environment

Industry worldwide is instituting Design for the Environment (DFE) programs to respond to the obvious need for pollution prevention, waste reduction and achievement of sustainable development. The process for implementing DFE is complex technically and economically due to the lack of data and the uncertainties of present and future regulations and their interpretation.

To achieve the goal we all seek requires a government/industry partnership, functioning in a cooperative rather than an adversarial mode as has unfortunately developed in the U.S. Japan and Northern Europe, especially Germany, are moving aggressively to reap the benefits of DFE in such a cooperative mode. American industry considers DFE of great importance in our desire to achieve environmental goals while remaining competitive in global markets.

We believe that a unique opportunity exists now, driven by DFE, to forge a cooperative partnership of Government and Industry which would allow industry to apply its resources without the fear of triggering regulations that are damaging to our global competitiveness, as has been the case in the past.

We urge the Administration to institute a joint program to review and reformulate existing regulations and to help create the essential cooperative environment that would allow for the determination of scientific, technical and economic realities, and promulgation of regulations using economic incentives to achieve the great societal benefits of DFE.

This statement was prepared by the Industry Advisory Board of ASME. It represents the considered judgement of this group rather than an official position of ASME.

December 1992

**ASME INDUSTRY ADVISORY BOARD
MEMBERS**

Mr. Louis Azzato
President, Chairman & CEO
Foster Wheeler Corporation

Mr. Richard Dulude
Vice Chairman, Consumer Products
Corning Incorporated

Mr. Walter Blankley
President & CEO
AMETEK, Inc.

Mr. Frank P. Fagan
President
ABB Combustion Engineering

Dr. Steven J. Bomba
Vice President
Johnson Controls, Inc.

Mr. W. James Farrell
Executive Vice President
Illinois Tool Works, Inc.

Dr. Renso L. Caporali
Chairman of the Board,
President & CEO
Grumman Corporation

Mr. J. Gary Fischette
Director, Corporate Engineering
Rohm and Haas Company

Dr. Gary H. Conners
Vice President & General Manager,
Federal Government Markets
U.S. and Canada Region
Eastman-Kodak

Mr. Heinz Fridrich
IBM Vice President, Manufacturing
IBM Corporation

Mr. Ernest L. Daman
Chairman Emeritus
Foster Wheeler Development Corporation

Mr. Walter R. Garrison
President and CEO
CDI Corporation

Mr. Jerry E. Dempsey
President & CEO
Chemical Waste Management, Inc.

Mr. David C. Genever-Watling
Senior Vice President
**General Electric Industrial & Power
Systems**

Mr. Richard R. Dickinson
Vice President
Texaco, Inc.

Dr. Martin Goland
President
Southwest Research Institute

Mr. J. Stanley Graves
Vice President, Fossil Operations
Commonwealth Edison Company

Mr. George T. Lewis, Jr.
Chairman of the Board & CEO
Cogentrix

Mr. Jon Hagstrom
President
CBI Technical Services Company

Mr. William G. Little
President & CEO
The West Company

Dr. Rodney E. Hanneman
Vice President, Corporate Quality Assurance
& Technology Operations
Reynolds Metals Company

Dr. James J. Markowsky
Senior Vice President & Chief Engineer
**American Electric Power
Service Corporation**

Mr. Richard T. Jaffre
Vice President, Raw Materials
Chaparral Steel Corporation

Mr. John M. Madara, Jr.
Vice President, Production
Philadelphia Electric Company

Dr. Stanley V. Jaskolski
Vice President, Technical Management
Eaton Corporation

Mr. Maurice D. McIntosh
Vice President, Fossil & Hydro Generation
Duke Power Company

Mr. Dale P. Jones
President
Halliburton Company

Mr. Frederick John Mancheski
Chairman of the Board
Echlin, Inc.

Mr. Bernard L. Koff
Executive Vice President, Group Engineering
& Technology
**United Technology Corporation
Pratt & Whitney**

Mr. William C. Mescher
President Emeritus
Santee Cooper

Dr. Bart Krawetz
Vice President, Engineering
Lockheed Corporation

Mr. John Mihm
Vice President, Research & Development
Phillips Petroleum

Mr. Richard L. Leatherwood
President and CEO
CSX Equipment Group

Mr. William F. Mitchell
President & CEO
Environmental Tectonics Corporation

Mr. Robert G. Morra
Vice President, Technical Operations
Martin Marietta Corporation

Mr. Theodore Stern
Senior Executive Vice President
Westinghouse Electric Corporation

Mr. Gary Nelson
Vice President, Research & Development
and Chief Technical Officer
Cummins Engine Company, Inc.

Mr. Robert H. Stone
Executive Vice President
Bechtel Power Corporation

Mr. Emil J. Parente
President, Government Sector
Fluor Daniel

Mr. Keith B. Thayer, P.E.
President
Stubbs Overbeck & Associates

Mr. K. Keith Roe
Chairman and President
Burns and Roe Enterprises, Inc.

Mr. James Thrash
Vice President & Manager
Engineering Department
The Ralph M. Parsons Company

Mr. Stephen F. Ryan
President & CEO
Selas Corporation of America

Mr. Jay H. Tolson
Chairman and CEO
Fischer & Porter Company

Dr. George W. Sarney
Senior Vice President
Group Executive
Raytheon Company

Mr. J. F. Travis
President
The Torrington Company

Mr. J. Clifford Schoep
Staff Vice President, Technology
General Dynamics Corporation

Mr. Donald Vaughn
President
The M.W. Kellogg Company

Mr. Lawrence L. Smith
Vice President, Production
Shell Oil Company

Mr. Harry J. Wilkinson
President and CEO
SPS Technologies

Mr. Donald D. Snyder
Vice President, General Manager,
Quality Processes and New Business
Development
Douglas Aircraft Company

Dr. E. Allen Womack, Jr.
Vice President, Research & Development
Division
Babcock & Wilcox

ASME Representatives

Mr. Joseph A. Falcon
President
American Society of Mechanical Engineers

Dr. John H. Fernandes
President Elect
American Society of Mechanical Engineers

Dr. David L. Belden
Executive Director
American Society of Mechanical Engineers

OFFICE OF SCIENCE AND TECHNOLOGY POLICY

FAX TRANSMITTAL SHEET

TO:**FROM:**

NAME / ORGANIZATION:

Stan Settle

NAME / ORGANIZATION:

Cynthia Chase

TELEPHONE:

357-5167

TELEPHONE:

202 - 395-8175

FAX:

357-5167

FAX:

202 - 395-4155NUMBER OF PAGES, INCLUDING COVER PAGE: *21*

SPECIAL INSTRUCTIONS:

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20500

TRANSMISSION REPORT

THIS DOCUMENT (REDUCED SAMPLE ABOVE)
WAS SENT

**** COUNT ****
21

***** SEND *****

NO	REMOTE STATION I. D.	START TIME	DURATION	#PAGES	COMMENT
1	DDM	4-20-93 3:12PM	10'51"	21	

TOTAL 0:10'51" 21

XEROX TELECOPIER 7021

OFFICE OF SCIENCE AND TECHNOLOGY POLICY

FAX TRANSMITTAL SHEET

TO:

FROM:

NAME / ORGANIZATION:

Stan Settlles

NAME / ORGANIZATION:

Cynthia Chase

TELEPHONE:

357-5167

TELEPHONE:

202 - 395-6175

FAX:

357-5166

FAX:

202 - 395-4155

NUMBER OF PAGES, INCLUDING COVER PAGE:

21

SPECIAL INSTRUCTIONS:

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY
WASHINGTON, D.C. 20500

CG Time 9

424-9417

To SB 4 12
Date 4/11/69 Time 10:30

WHILE YOU WERE OUT

M Nancy Robleski
of ASME

Phone 202-785-3756
Area Code Number Extension

TELEPHONED	☒	PLEASE CALL	☒
CALLED TO SEE YOU	☐	WILL CALL AGAIN	☐
WANTS TO SEE YOU	☐	URGENT	☐

RETURNED YOUR CALL ☐

Message Re: JHG Speech
at ASME on 28th.
Need title of his
Speech, when you
get a chance

Operator BB

03/24/93

14:48

2024299417

ASME

001

Post-It™ brand fax transmittal memo 7671		# of pages = 3	
To	Skip Johns	From	N. Robleski
Co.	OSTP	Co.	ASME
Dept.		Phone	202/785 3156
Fax #	202/395 4155	Fax #	202/429 9417

March 24, 1993

TO: Skip Johns, OSTP

FROM: Nancy Robleski, ASME

Just a short note to say thanks for all your help in securing Dr. Gibbons as our keynote speaker for April 28th. We are tickled pink!

If you would like feedback on what he may wish to address in his remarks, just let me know. Also, if you care to join us for dinner on 4/28, we would love to have you—just let me know.

An updated meeting agenda is attached for your review.

Thanks again!

3/24

SKIP -

THE ANSWER TO THAT THE
WILL SPEAK IFF YOU AGREE
TO ACT AS A BACKUP. - (BUT
YOU DO NOT NECESSARILY HAVE TO
ATTEND)

MK

Advance Program

"The Government Role in Civilian Technology"

The American Society of Mechanical Engineers
Industry Advisory Board
April 28-29, 1993
The Grand Hotel
2350 M Street, N.W.
Washington, D.C.

Wednesday, April 28, 1993

6:30 p.m. Reception

7:30 p.m. Dinner

8:30 p.m. Keynote Address
The Honorable John H. Gibbons, Ph.D.
Assistant to the President for Science &
Technology and Director, Office of Science &
Technology Policy

Thursday, April 29, 1993

7:30 a.m. Breakfast

8:00 - 8:30 a.m. ASME Session
"Developing Industry Support for Young Engineers
in ASME"
Joseph A. Falcon, President, ASME

8:45 - 10:30 a.m.

Panel Discussion

Panelists:

Erich Bloch
Distinguished Fellow
Council on Competitiveness

Dr. Ian Ross
President Emeritus
Bell Laboratories

Appropriate Congressional Representatives
(TBA)

10:30 -10:45 a.m.

Break

10:45 a.m. - 12:15 p.m.

Breakout Groups

Working Group A:
The Engineer's Role
in Technology Development

Working Group B:
Policy Options on
Technology Development

12:30 p.m.

Lunch

1:00 p.m.

Working group reports and discussion

1:40 p.m.

ASME response to IAB recommendations of November 1992
meeting

Joseph A. Falcon, President, ASME

1:45 p.m.

Other Business

K. Keith Roe, Chairman IAB

2:00 p.m.

Adjournment

"INVITATION FOR DR. DOCU

TYPE: INVITATION

ORIGINATOR: 02

SPEECH: YES NO

FROM: ROE, KEITH, K: ASME INDUSTRY

DATE OF EVENT: 04/28/93 THRU:
TENTATIVE DATES

LOCATION OF EVENT: THE GRAND HOTEL, WDC

TIME OF EVENT: 6:30 PM

SUBJECT: REQUESTS DR. GIBBONS TO DELIVER THE KEYNOTE ADDRESS
REGARDING "THE GOVERNMENT ROLE IN CIVILIAN
TECHNOLOGY"

RSVP: 02/25/93

CONTACT PERSON: KEITH ROE

CONTACT NUMBER: 202-785-3756

INVITATION ACCEPTED? YES NO

COPIES TO: DR. GIBBONS

REMARKS:

DATE OF LETTER: 02/10/93

DATE RECEIVED: 02/12/93

FILE: P-INVITATION

JHG accepts

WDC

JHG = Mary

JHG

yes
ask skip

JHG will it

151 → Backup?

WDC

RPB accepted for JHG
to Nancy.
3.23.93



The American Society of
Mechanical Engineers

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

February 10, 1993

The Honorable John H. Gibbons, Ph.D.
Assistant to the President for Science
& Technology and Director,
Office of Science & Technology Policy
Old Executive Office Building, Room 360
17th Street & Pennsylvania Avenue, N.W.
Washington, D.C. 20500

Dear Dr. Gibbons:

On behalf of the American Society of Mechanical Engineers (ASME) Industry Advisory Board (IAB), I am pleased to invite you to deliver the keynote address at our spring meeting, Wednesday, April 28, 1993, at The Grand Hotel in Washington, D.C. The topic of the meeting is "The Government Role in Civilian Technology."

Founded in 1880, ASME is a worldwide engineering society focused on technical, educational, and research issues, with 122,000 members, including 23,000 students. It conducts one of the world's largest technical publishing operations, holds more than 30 technical conferences each year, and sets industrial and manufacturing standards. You may be somewhat familiar with ASME through the work of our Fellow at OSTP, Arlan Andrews. The IAB is comprised of fifty senior executives who assist ASME in evaluating and developing its programs in areas of mutual interest and concern. Enclosed for your review is information on the ASME and IAB.

The ASME and IAB are very interested in the government's role in promoting research and technology development in the United States, and would like to explore ways to encourage partnerships between industry and government. You have given considerable attention to this topic, and the IAB members would be most interested in hearing your views.

The meeting begins with an opening reception on Wednesday, April 28 at 6:30 p.m., followed by dinner at 7:30 p.m. We would be pleased in you would join us for these events and address the group immediately following dinner, beginning at approximately 8:30 p.m. We are, however, somewhat flexible in our scheduling, and if that time is not convenient for you, we will certainly try to accommodate your schedule.

Thank you for your consideration of this request. If you have any questions, please contact Nancy Robleski in the ASME Washington office at 202/785-3756. I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Keith Roe". The signature is written in a cursive, slightly slanted style.

K. Keith Roe
Chairman, ASME Industry Advisory Board

Chairman and President, Burns and Roe Enterprises, Inc.

Enclosure

cc: Arlan Andrews, OSTP

January 1993

**ASME INDUSTRY ADVISORY BOARD
MEMBERS**

Mr. Louis Azzato
President, Chairman & CEO
Foster Wheeler Corporation

Mr. Frank P. Fagan
President
ABB Combustion Engineering

Mr. Walter Blankley
President & CEO
AMETEK, Inc.

Mr. W. James Farrell
Executive Vice President
Illinois Tool Works, Inc.

Dr. Steven J. Bomba
Vice President, Technology
Johnson Controls, Inc.

Mr. J. Gary Fischette
Director, Corporate Engineering
Rohm and Haas Company

Dr. Renso L. Caporali
Chairman of the Board & CEO
Grumman Corporation

Mr. Heinz Fridrich
IBM Vice President, Manufacturing
IBM Corporation

Mr. Ernest L. Daman
Chairman Emeritus
Foster Wheeler Development Corporation

Mr. Walter R. Garrison
President and CEO
CDI Corporation

Mr. Jerry E. Dempsey
Chairman of the Board
Chemical Waste Management, Inc.

Mr. David C. Genever-Watling
President and CEO
General Electric Industrial & Power Systems

Mr. Richard R. Dickinson
Vice President
Texaco, Inc.

Mr. Martin Goland
President
Southwest Research Institute

Mr. Richard Dulude
Vice Chairman
Corning Incorporated

Mr. J. Stanley Graves
Vice President, Human Resources
Commonwealth Edison Company

Mr. Jon Hagstrom
President
CBI Technical Services Company

Dr. James J. Markowsky
Senior Vice President & Chief Engineer
**American Electric Power
Service Corporation**

Dr. Rodney E. Hanneman
Vice President, Corporate Quality Assurance
& Technology Operations
Reynolds Metals Company

Mr. John M. Madara, Jr.
Vice President, Production
Philadelphia Electric Company

Mr. Richard T. Jaffre
Vice President, Raw Materials
Chaparral Steel Corporation

Mr. Maurice D. McIntosh
Vice President, Fossil & Hydro Generation
Duke Power Company

Dr. Stanley V. Jaskolski
Vice President, Technical Management
Eaton Corporation

Mr. Frederick John Mancheski
Chairman of the Board and CEO
Echlin Inc.

Mr. Dale P. Jones
President
Halliburton Company

Mr. John Mihm
Vice President, Research & Development
Phillips Petroleum

Mr. Bernard L. Koff
Executive Vice President, Engineering
& Technology
**United Technologies Corporation
Pratt & Whitney**

Mr. William F. Mitchell
President & CEO
Environmental Tectonics Corporation

Dr. Bart Krawetz
Vice President, Engineering
Lockheed Corporation

Mr. Gary Nelson
Vice President, Research & Development
and Chief Technical Officer
Cummins Engine Company, Inc.

Mr. George T. Lewis, Jr.
Chairman of the Board & CEO
Cogentrix

Mr. Emil J. Parente
President, Government Sector
Fluor Daniel

Mr. William G. Little
President & CEO
The West Company

Mr. K. Keith Roe
Chairman and President
Burns and Roe Enterprises, Inc.

Mr. Stephen F. Ryan
President & CEO
Selas Corporation of America

Dr. George W. Sarney
Senior Vice President
Group Executive
Raytheon Company

Mr. J. Clifford Schoep
Staff Vice President, Technology
General Dynamics Corporation

Mr. Lawrence L. Smith
Vice President
Shell Oil Company

Mr. Donald D. Snyder
Vice President, General Manager,
MD95 and China Trunkline
Douglas Aircraft Company

Mr. Robert H. Stone
Executive Vice President
Bechtel Power Corporation

Mr. Keith B. Thayer, P.E.
President
Stubbs Overbeck & Associates

Mr. James Thrash
Vice President & Manager
Engineering Department
The Ralph M. Parsons Company

Mr. Jay H. Tolson
Chairman and CEO
Fischer & Porter Company

Mr. J. F. Travis
President
The Torrington Company

Mr. Donald Vaughn
President and CEO
The M.W. Kellogg Company

Mr. Harry J. Wilkinson
President and COO
SPS Technologies

Dr. E. Allen Womack, Jr.
Senior Vice President, Research &
Development Division
Babcock & Wilcox

Dr. John B. Yasinsky
President, Power Systems
Westinghouse Electric Corporation

ASME Representatives

Mr. Joseph A. Falcon
President
American Society of Mechanical Engineers

Dr. John H. Fernandes
President Elect
American Society of Mechanical Engineers

Dr. David L. Belden
Executive Director
American Society of Mechanical Engineers

T 4/28



The American Society of
Mechanical Engineers

3/23/93
INVITE

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

March 16, 1993

The Honorable Albert Gore, Jr.
Vice President of the United States
The White House
Washington, D.C. 20500

SIG of _____
S _____
DATE DUE _____

Dear Mr. Vice President:

The American Society of Mechanical Engineers (ASME), a technical and educational society with a membership of 122,000, including 19,000 students, has long advocated the need for a national technology policy that calls for government, industrial, university and labor to work together in developing, evaluating and incorporating new advances in technology into our strategies for improving the nation's economy.

I am pleased to provide you with the enclosed documents which summarize the statements of various groups within ASME on U.S. energy and education policies. These compendia are intended to encourage national policy makers to use the extensive technical resources and expertise of the ASME in promulgating and evaluating government technology policy decisions. Two additional compendia summarizing ASME public statements on overall national technology policy and on environmental issues are forthcoming.

We would be most pleased to discuss these matters further with you or your representative, and look forward to working with the Clinton/Gore administration on these important matters.

Sincerely,

David L. Belden

David L. Belden
Executive Director

cc: J. Gibbons
G. Simon

Enclosures

The AMERICAN SOCIETY of MECHANICAL ENGINEERS

FOUNDED 1880

A Summary of Statements on Education Topics



**The American Society of
Mechanical Engineers**

1828 L Street, N.W., Suite 906
Washington, DC 20036-5104
(202) 785-3756

The American Society of Mechanical Engineers (ASME) has a strong interest in strengthening pre-college, college, and continuing professional education. Founded in 1880, ASME's membership of 122,000 engineers, including 19,000 students, practices many applications of engineering. ASME serves its members, industry, and government by encouraging the development of new technologies, while helping to solve the problems of an increasingly technological society.

Education issues are a top priority for our membership. Over the past several years ASME groups with particular responsibilities in education have developed position statements and presented testimony to congressional committees on four specific aspects of education policy. Complete papers on each of the four issues are available from our Washington office.

Recommendations on government action on each of these issues is summarized.

Role of National Laboratories in Engineering Education:

- o Strengthen and expand the educational role of the U.S. national laboratories.
- o Fund programs at enhanced levels to provide collaborative research opportunities between university researchers and the national laboratories; such programs should include university faculty members as equal partners in the research.

Funding Academic Science and Technology Facilities:

- o Continue to oppose congressional earmarking funds for academic science and technology facilities without competitive peer review.
- o Support several regulatory and tax code changes to strengthen the academic research infrastructure.
- o Implement tax incentives for corporate support of research and charitable gifts of equipment and facilities.

Employee Educational Assistance:

- o Endorse the reinstatement of Section 127 of the Internal Revenue Service Code as permanent provision of the Internal Revenue Code.

Future of the National Science Foundation:

- o Expand the engineering portion of the NSF budget should be expanded to 50% by no later than FY2000.
- o Continue to balance the NSF's traditional funding of research projects consisting of single faculty investigator graduate and undergraduate students with funding of research centers.
- o The NSF should serve as a host catalyst for joint industry-university planning of research agendas.

ASME Position Statements on Education Topics
American Society of Mechanical Engineers
August 1990 - October 1992

DATE	TITLE	ASME SPONSORING GROUP
August 10, 1990	Role of the National Laboratories in Engineering Research and Engineering Education	Inter-Council Committee on Federal R&D
August 1991	General Position Paper on Internal Revenue Code Section 127-Employee Educational Assistance Provisions	Council on Education
April 9, 1991	Section 127 Employee Educational Assistance Provisions of the Internal Revenue Code	Council on Education
October 15, 1992	Comments to the Commission on the Future of the National Science Foundation (NSF)	NSF Task Force of the Council on Education and the Council on Engineering

College of Engineering
Office of the Dean

MU Marquette
University

Milwaukee, WI 53233
(414) 288-7079
(414) 288-7082 FAX

FAX TRANSMITTAL COVER SHEET

To:

Dr. John H. Gibbons/ ATTN: Sue Bachtel ✓

Assistant to the President for
Science and Technology

Office of Science and Technology Policy
Executive Office of the President
Washington, D.C. 20506

Fax No:

202-395-3261

From:

Dr. Robert L. Reid, Dean (PH: 414-288-6720)

College of Engineering
Marquette University
1515 West Wisconsin Avenue
Milwaukee, WI 53233

Date:

March 9, 1993

THIS TRANSMITTAL 4 PAGES INCLUDING COVER SHEET.

MESSAGE:

College of Engineering
Office of the Dean

MU Marquette University

Milwaukee, WI 53233
(414) 288-7079
(414) 288-7082 FAX

March 9, 1993

JHG to see.
No. Catch JHG
@ ASME.

RPB regretted
to Mrs. Welter
for separate
mtg; asked
Reid to catch
JHG at
ASME.

[Key note]

Dr. John H. Gibbons
Assistant to the President for
Science and Technology
Office of Science and Technology Policy
Executive Office of the President
Washington, DC 20506

ATTN: Sue Bachtel
FAX: 202-395-3261

Dear Jack:

JHG May
Keynote 4/28 ASME

I hope you received my letter of January 13 (copy enclosed). I will be in Washington April 25-28, and possibly also April 29/30. I am attending the Solar Energy Forum Conference at the Grand Hyatt Washington Hotel. This is the combined meeting of the ASME International Solar Energy Conference, the American Solar Energy Society, and the Solar Energy Industries Association. Albert Gore, Hazel O'Leary, and David Freeman are all invited speakers.

My only firm commitments are for committee meetings Monday night. I may also be in Washington Thursday and Friday, April 29/30, to meet Marquette alumni and speak at Catholic high schools in the Washington, D.C. area.

I would be pleased if you had a few minutes to meet with me sometime during this week. I would enjoy hearing your priorities for science and technology as well as reminiscing about Tennessee.

I am looking forward to seeing you.

Sincerely yours,

Bob

Robert L. Reid
Dean
College of Engineering

also he will
call in
G.m. to
see if
time has
opened up
re Mtg

RLR:cw

Enclosure

College of Engineering
Office of the Dean

C O P Y

MU Marquette University

Milwaukee, WI 53233
(414) 288-7079
(414) 288-7082 FAX

January 13, 1993

Dr. John H. Gibbons, Director
Office of Technology Assessment,
U.S. Congress
600 Pennsylvania Avenue, S.E.
Washington, D.C. 20510

Dear Jack:

Congratulations on your appointment as Assistant to the President for Science and Technology! I was delighted to hear that my old colleague and friend from the University of Tennessee would have a major role in shaping future science and technology policy. I can't think of a better person to fill such an important position.

I still own my solar heated house on Fox Road in Knoxville that looks across to the next ridge where you used to live on George Williams Road. After nearly thirteen years, the system is performing perfectly and has required only \$200 total in maintenance. This is in spite of the fact that the house has been rented out since 1982 when I left to go to Texas. I plan to live in the house when I eventually retire.

I have been at Marquette since 1987. At UTEP, I founded and directed a large solar pond project which was the first in the nation to generate electricity and desalinate brackish well water. At Marquette, I have recently directed students in building one of the first solar powered boats in the U.S. (enclosure). I am also Technical Editor of the *ASME Journal of Solar Energy Engineering*.

I hope we can see renewed emphasis on renewable energy as a governmental priority. I have been one of several who have suggested Dr. Yogi Goswami to the Clinton transition team to be the Assistant Secretary for Conservation and Renewable Energy at the U.S. Department of Energy. Dr. Goswami, Director of the Renewable Energy Laboratories at the University of Florida, is a person with vision and insight who can make an impact in decreasing our reliance on conventional energy sources.

Again, congratulations! Please call on me if I can be of any help to you.

Sincerely yours,



Robert L. Reid
Dean
College of Engineering

RLR:cw
Enclosure

Solar Power Hits the Water

On a 1989 trip to the South Pacific, Marquette alumnus Andy Fleckenstein was struck by how difficult water travel was for people who live on the islands. When he returned home, Fleckenstein, the chairman of Fleck Controls, a manufacturer of water-softener valves in Brookfield, Wis., called Marquette's dean of engineering, Robert Reid. He suggested to Reid that Marquette begin work on a solar-powered canoe. If such a craft were successful, it could eventually be mass produced cheaply enough to be affordable in third world countries.

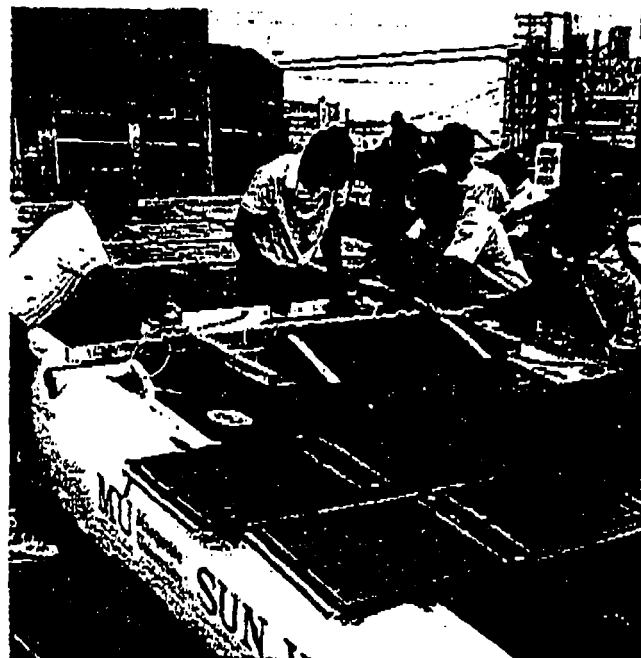
Three years later, nine Marquette engineering students took the Sun Warrior, the solar-powered boat they had designed and built, to Japan where it finished a re-

spectable thirty-first in a field of 58 in the Mikata Grand Solar Challenge. Fleck Controls sponsored the boat.

"To our knowledge, Marquette's is the first American university-built solar powered racing boat," says Reid. The only non-Japanese entry in the August race, Marquette's craft faced stiff competition.

"Only one Japanese university entered. All the other entries were designed by professional engineers on behalf of their corporations," says Reid.

The competition's main event was an hour-long race around a three-kilometer course. Two Marquette students crewed the boat, completing the course two-and-a-half times. The Yamaha Motor Co. took first place, finishing about four laps. "I would say our boat was the



Getting ready for the race.

closest to a commercial product of any of the boats there," said Reid. "The winning boats in speed just barely had room for one person. They were strictly speed boats."

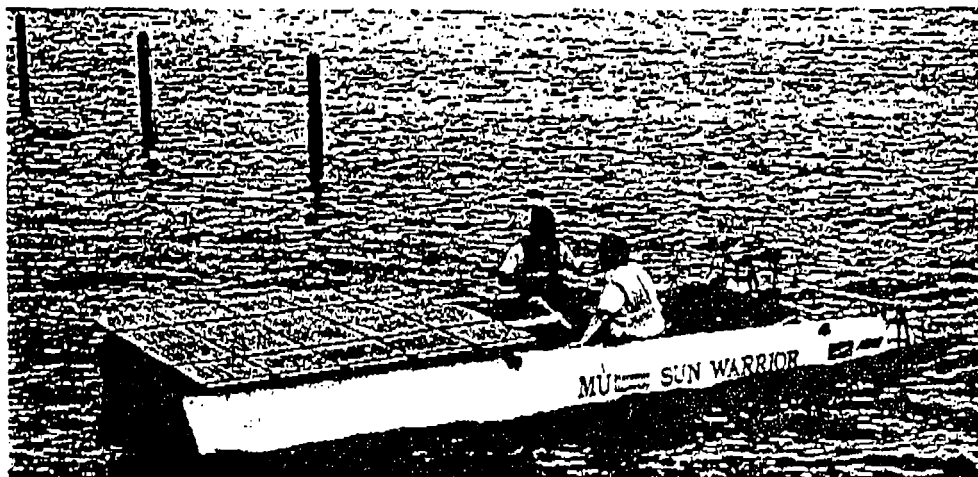
Seventeen mechanical and electrical engineering students began work on the Sun Warrior last fall as part of a year-long senior design course. Reid, a mechanical engineer, and Bruce Hoepfner, an electrical engineering professor, advised on the project. Di-

vided into four teams, students worked on competing designs, then got together to pick the best features of each. The result, built to the Mikata competition's specifications, is a 19-foot catamaran-style craft that weighs 525 pounds and cost about \$6,000. Sixteen solar panels supply power to the boat's two engines; it can also run on batteries.

Like solar-powered cars, solar boats don't emit pollutants and they don't make a lot of noise. But the boats have other advantages too, says Reid. They don't cost as much to build, and they don't have to be as aerodynamic as cars. In fact, says Reid, they may be a practical reality before solar cars are.

Looking to the future, Reid expects to enter the Japanese competition next summer with an improved Sun Warrior II. He has suggested that the American Society of Mechanical Engineers sponsor a collegiate solar boat regatta in 1994.

To learn more, contact Robert Reid, (414) 288-6729.



Marquette's Sun Warrior and crew.

HAROLD M. AGNEW

322 PUNTA BAJA DRIVE
SOLANA BEACH, CA 92075

(619) 481-8908

JHG to review
ASME?
(per Susie)

March 3, 1993

Call when
you arrive

Dr. Jack Gibbons
Science Advisor
Office of Science & Technology Policy
Executive Office of the President
Washington, D. C. 20500

RPB left message
for Agnew 3-23-93
asking him to
call when

Dear Jack,

It's been quite awhile since we last met. I plan to attend the annual meeting of the National Academy of Sciences April 25-28 and will be in D.C. during that period. If your schedule permits, I'd appreciate very much having the opportunity to meet with you.

in town,
or to
catch up
w/

JHG
at
ASME

I'll be out of the country, retirement is really great, until March 27th but if you can see me please drop me a note or leave a message on my home phone answering machine.

I believe the enclosed article should be of interest to you.

I do hope I'll be able to see you in April.

Sincerely,

Harold

Enc.

OpEd Page

There's still time to halt destruction of Department of Energy's failed policies

Many people may not recognize the name Cassandra for its mythical significance. She was the daughter of the king of Troy and was given a gift of prophecy by the god Apollo. Apollo cursed the gift, however, because the favors he expected in return were not forthcoming. Cassandra's gift was thence deemed worthless because people would never believe her prophecies.

Ten years before the Trojan War, her prophecy about Troy's doom went unheard. Even as the beguiling horse was wheeled toward Troy's gates, her warnings were dismissed as those of an overly talkative busybody.

Five years ago there were a number of prophets of the same ilk at Mound Laboratory in Miamisburg. They were people of cognizance, perspective and perception. Those so gifted, however, might as well have been modern Cassandras. They could see what was happening just as Harold Agnew, the director of Los Alamos Scientific Laboratory, did when he spoke before the National Science Board in 1976:

"The ever-increasing bureaucracy, composed of managers who require more and more detail, justification and guaranteed schedules will, in the not-too-distant future, completely eradicate our nation's world position in research and technology."

"Bureaucratic regulation and requirements for conformity will stifle basic research. Bureaucracy will eradicate endeavor and innovation in the long run."

"Bureaucracy eventually loses sight of what the original objective was and becomes only concerned in its own management and control function. Unless this trend towards centralization is somehow reversed, I predict that the U.S. will rapidly lose its lead in science and technology."

OTHER VOICES

Agnew's prophecy took fewer years — only five compared with Cassandra's 10 — to become reality. The bureaucracy of which he spoke was the precursor of the U.S. Department of Energy. The DOE is the custodian of U.S. nuclear deterrence in addition to a great body of technological brain power at the National Laboratories and its production sites.

In the early 1980s, the DOE presumed itself the "corporation" endowed with management and scientific judgment beyond its ken as a contract administrator. At that time, it blindly began dismantling its government-owned and contractor-operated (GOCO) system.

At the same time, the DOE began to lose its technical competence. It was a victim of its own bureaucracy and the Civil Service system. Contract administrators became "managers" with no background in the manifold technologies of the weapons complex. Decisions became based on budget pressures and administrative issues rather than on what made good management and technological sense.

The GOCO system provided the best of worlds for government, its people and American industry. The government set the objectives for American companies, which provided the people with the managerial and technical know-how to get things done.

The government provided sites, like Mound, and the supplies to do the job; so the contractor risked no capital investment to perform the work. In return, the contractor received a nominal fee that was sure and

taxed profit. The one risk to any contractor was, of course, reputation, but until relatively recent times that was not a major concern.

Then everything began to change. In every quarter — management, budget, science, environment, even public relations — the DOE's management assumed competence beyond its former role as a contract administrator. It feverishly created control systems that interfered with its own mission. Later, it intruded into its contractors' corporate policies, dictated the head count necessary to perform work, and began auditing at a pace that literally brought productive work to a near standstill.

In the mid-1980s the DOE was immersed in a consummate paranoia about terrorism, spending hundreds of millions of dollars to thwart questionable threats. DOE audits multiplied to a point that auditing became an industry unto itself. Next there was a peripatetic jump from one suspected abuse — contractor fraud — to another: alleged illegal contractor operations.

The latter resulted in what was, perhaps, the most ignominious act of all. The DOE initiated an FBI raid of its own Rocky Flats, Colo., plant. There were indictments all around and threats of civilian executive jail terms. Ultimately there was a fine of some \$18 million levied on Rockwell International, but somehow no Department of Energy official was ever touched by the ignominy. Most disreputable? Not quite!

By that time the DOE had launched into its Nuclear Weapons Reconfiguration Study, a jumble of bureaucratic game

playing. The study's inherent flaw was that it did not begin with valid management assumptions, much less an inventory of national needs, of this national technological trust and of a nation's future. Literally, the technology of nuclear weapons was perceived as only that — the technology of deterrence. There was, in fact, no cognizance that most of what existed in the complex had inestimable value for this nation's industrial base.

Now the system feeds on itself. The incapacity that bred the last dozen years of folly has become so embroiled in its own self-deception that it has become brazen *reality*. Its victims have been the taxpayers who have borne the bills of that impudence. The perpetrator has been the DOE bureaucracy, which has acted just as Harold Agnew predicted.

In the coming months we might witness the spiraling-in of this Cassandra syndrome as expressed in Harold Agnew's prophecy-come-true. The implosion may be too much to bear in what we have borne in the loss of purpose and technology at Mound and within the weapons complex and at the National Laboratories.

In its headlong rush to "reconfigure," the Department of Energy has fulfilled Agnew's prophecy. The department has not offered reasonable alternatives but has offered only bureaucratic imperatives and reductions in force and incentives for people to leave.

During recent times there has been a dispersion of people and groups of people from the weapons complex to retirement and other jobs. They take with them their vast knowledge of technology and thousands of years of experience. The DOE continues to ignore what makes technology grow and prosper — people and their interactions.

The tragedy of this folly is that almost all Americans, even our legislators, were ignorant of it until fewer than two years ago. Three presidential administrations gave their tacit approval to this wasteful folly.

The structure of the DOE's Trojan horse remains so contrived as to make it crumble under the weight of its insupportable premises. Yet, in the midst of that possibility, the bureaucracy scrambles toward the same self-styled destination. Will it happen?

Because of legislation enacted under the leadership of Sen. John Glenn and Rep. Tony Hall, there is hope of changing the DOE's direction. There is time to stop. There is time to take the wheel from a bureaucracy out of control. Bring in the experts, the technologists and managers of the American brain trust! They may be able to salvage what remains of this national treasure.

■ **HOWARD CHARBENEAU**, who was public relations manager for Mound for 20 years, now has his own communication and public relations firm in West Carrollton.

"INVITATION FOR DR.
DOCU

TYPE: INVITATION
ORIGINATOR: 02

SPEECH: YES NO

FROM: ROE, KEITH, K: ASME INDUSTRY

DATE OF EVENT: 04/28/93 THRU:
TENTATIVE DATES

LOCATION OF EVENT: THE GRAND HOTEL, WDC

TIME OF EVENT: 6:30 PM

SUBJECT: REQUESTS DR. GIBBONS TO DELIVER THE KEYNOTE ADDRESS
REGARDING "THE GOVERNMENT ROLE IN CIVILIAN
TECHNOLOGY"

RSVP: 02/25/93

CONTACT PERSON: KEITH ROE

CONTACT NUMBER: 202-785-3756

INVITATION ACCEPTED? YES NO

COPIES TO: DR. GIBBONS

REMARKS:

DATE OF LETTER: 02/10/93

DATE RECEIVED: 02/12/93

FILE: P-INVITATION

JHG accepts

WDC

JHG = Mary

Yes
ask Skip

RPG will if

LT → Backup

RPG accepted for JHG
to Nancy.
3.23.93



The American Society of
Mechanical Engineers

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

February 10, 1993

The Honorable John H. Gibbons, Ph.D.
Assistant to the President for Science
& Technology and Director,
Office of Science & Technology Policy
Old Executive Office Building, Room 360
17th Street & Pennsylvania Avenue, N.W.
Washington, D.C. 20500

Dear Dr. Gibbons:

On behalf of the American Society of Mechanical Engineers (ASME) Industry Advisory Board (IAB), I am pleased to invite you to deliver the keynote address at our spring meeting, Wednesday, April 28, 1993, at The Grand Hotel in Washington, D.C. The topic of the meeting is "The Government Role in Civilian Technology."

Founded in 1880, ASME is a worldwide engineering society focused on technical, educational, and research issues, with 122,000 members, including 23,000 students. It conducts one of the world's largest technical publishing operations, holds more than 30 technical conferences each year, and sets industrial and manufacturing standards. You may be somewhat familiar with ASME through the work of our Fellow at OSTP, Arlan Andrews. The IAB is comprised of fifty senior executives who assist ASME in evaluating and developing its programs in areas of mutual interest and concern. Enclosed for your review is information on the ASME and IAB.

The ASME and IAB are very interested in the government's role in promoting research and technology development in the United States, and would like to explore ways to encourage partnerships between industry and government. You have given considerable attention to this topic, and the IAB members would be most interested in hearing your views.

The meeting begins with an opening reception on Wednesday, April 28 at 6:30 p.m., followed by dinner at 7:30 p.m. We would be pleased in you would join us for these events and address the group immediately following dinner, beginning at approximately 8:30 p.m. We are, however, somewhat flexible in our scheduling, and if that time is not convenient for you, we will certainly try to accommodate your schedule.

Thank you for your consideration of this request. If you have any questions, please contact Nancy Robleski in the ASME Washington office at 202/785-3756. I look forward to hearing from you.

Sincerely,

A handwritten signature in black ink that reads "Keith Roe". The signature is written in a cursive, slightly slanted style.

K. Keith Roe
Chairman, ASME Industry Advisory Board

Chairman and President, Burns and Roe Enterprises, Inc.

Enclosure

cc: Arlan Andrews, OSTP

January 1993

**ASME INDUSTRY ADVISORY BOARD
MEMBERS**

*Mr. Louis Azzato
President, Chairman & CEO
Foster Wheeler Corporation*

*Mr. Frank P. Fagan
President
ABB Combustion Engineering*

*Mr. Walter Blankley
President & CEO
AMETEK, Inc.*

*Mr. W. James Farrell
Executive Vice President
Illinois Tool Works, Inc.*

*Dr. Steven J. Bomba
Vice President, Technology
Johnson Controls, Inc.*

*Mr. J. Gary Fischette
Director, Corporate Engineering
Rohm and Haas Company*

*Dr. Renso L. Caporali
Chairman of the Board & CEO
Grumman Corporation*

*Mr. Heinz Fridrich
IBM Vice President, Manufacturing
IBM Corporation*

*Mr. Ernest L. Daman
Chairman Emeritus
Foster Wheeler Development Corporation*

*Mr. Walter R. Garrison
President and CEO
CDI Corporation*

*Mr. Jerry E. Dempsey
Chairman of the Board
Chemical Waste Management, Inc.*

*Mr. David C. Genever-Watling
President and CEO
General Electric Industrial & Power
Systems*

*Mr. Richard R. Dickinson
Vice President
Texaco, Inc.*

*Mr. Martin Goland
President
Southwest Research Institute*

*Mr. Richard Dulude
Vice Chairman
Corning Incorporated*

*Mr. J. Stanley Graves
Vice President, Human Resources
Commonwealth Edison Company*

Mr. Jon Hagstrom
President
CBI Technical Services Company

Dr. James J. Markowsky
Senior Vice President & Chief Engineer
**American Electric Power
Service Corporation**

Dr. Rodney E. Hanneman
Vice President, Corporate Quality Assurance
& Technology Operations
Reynolds Metals Company

Mr. John M. Madara, Jr.
Vice President, Production
Philadelphia Electric Company

Mr. Richard T. Jaffre
Vice President, Raw Materials
Chaparral Steel Corporation

Mr. Maurice D. McIntosh
Vice President, Fossil & Hydro Generation
Duke Power Company

Dr. Stanley V. Jaskolski
Vice President, Technical Management
Eaton Corporation

Mr. Frederick John Mancheski
Chairman of the Board and CEO
Echlin Inc.

Mr. Dale P. Jones
President
Halliburton Company

Mr. John Mihm
Vice President, Research & Development
Phillips Petroleum

Mr. Bernard L. Koff
Executive Vice President, Engineering
& Technology
**United Technologies Corporation
Pratt & Whitney**

Mr. William F. Mitchell
President & CEO
Environmental Tectonics Corporation

Dr. Bart Krawetz
Vice President, Engineering
Lockheed Corporation

Mr. Gary Nelson
Vice President, Research & Development
and Chief Technical Officer
Cummins Engine Company, Inc.

Mr. George T. Lewis, Jr.
Chairman of the Board & CEO
Cogentrix

Mr. Emil J. Parente
President, Government Sector
Fluor Daniel

Mr. William G. Little
President & CEO
The West Company

Mr. K. Keith Roe
Chairman and President
Burns and Roe Enterprises, Inc.

Mr. Stephen F. Ryan
President & CEO
Selas Corporation of America

Mr. J. F. Travis
President
The Torrington Company

Dr. George W. Sarney
Senior Vice President
Group Executive
Raytheon Company

Mr. Donald Vaughn
President and CEO
The M.W. Kellogg Company

Mr. J. Clifford Schoep
Staff Vice President, Technology
General Dynamics Corporation

Mr. Harry J. Wilkinson
President and COO
SPS Technologies

Mr. Lawrence L. Smith
Vice President
Shell Oil Company

Dr. E. Allen Womack, Jr.
Senior Vice President, Research &
Development Division
Babcock & Wilcox

Mr. Donald D. Snyder
Vice President, General Manager,
MD95 and China Trunkline
Douglas Aircraft Company

Dr. John B. Yasinsky
President, Power Systems
Westinghouse Electric Corporation

Mr. Robert H. Stone
Executive Vice President
Bechtel Power Corporation

ASME Representatives

Mr. Joseph A. Falcon
President
American Society of Mechanical Engineers

Mr. Keith B. Thayer, P.E.
President
Stubbs Overbeck & Associates

Dr. John H. Fernandes
President Elect
American Society of Mechanical Engineers

Mr. James Thrash
Vice President & Manager
Engineering Department
The Ralph M. Parsons Company

Dr. David L. Belden
Executive Director
American Society of Mechanical Engineers

Mr. Jay H. Tolson
Chairman and CEO
Fischer & Porter Company



**The American Society of
Mechanical Engineers**

Suite 906
1828 L Street, N.W.
Washington, D.C. 20036-5104
202-785-3756

3/23/93
INVITES

March 16, 1993

The Honorable Albert Gore, Jr.
Vice President of the United States
The White House
Washington, D.C. 20500

Sig of _____
S _____
Date Due _____

Dear Mr. Vice President:

The American Society of Mechanical Engineers (ASME), a technical and educational society with a membership of 122,000, including 19,000 students, has long advocated the need for a national technology policy that calls for government, industrial, university and labor to work together in developing, evaluating and incorporating new advances in technology into our strategies for improving the nation's economy.

I am pleased to provide you with the enclosed documents which summarize the statements of various groups within ASME on U.S. energy and education policies. These compendia are intended to encourage national policy makers to use the extensive technical resources and expertise of the ASME in promulgating and evaluating government technology policy decisions. Two additional compendia summarizing ASME public statements on overall national technology policy and on environmental issues are forthcoming.

We would be most pleased to discuss these matters further with you or your representative, and look forward to working with the Clinton/Gore administration on these important matters.

Sincerely,

David L. Belden

David L. Belden
Executive Director

cc: J. Gibbons
G. Simon

Enclosures

The AMERICAN SOCIETY of MECHANICAL ENGINEERS

FOUNDED 1880

A Summary of Statements on Education Topics



**The American Society of
Mechanical Engineers**

1828 L Street, N.W., Suite 906
Washington, DC 20036-5104
(202) 785-3756

The American Society of Mechanical Engineers (ASME) has a strong interest in strengthening pre-college, college, and continuing professional education. Founded in 1880, ASME's membership of 122,000 engineers, including 19,000 students, practices many applications of engineering. ASME serves its members, industry, and government by encouraging the development of new technologies, while helping to solve the problems of an increasingly technological society.

Education issues are a top priority for our membership. Over the past several years ASME groups with particular responsibilities in education have developed position statements and presented testimony to congressional committees on four specific aspects of education policy. Complete papers on each of the four issues are available from our Washington office.

Recommendations on government action on each of these issues is summarized.

Role of National Laboratories in Engineering Education:

- o Strengthen and expand the educational role of the U.S. national laboratories.
- o Fund programs at enhanced levels to provide collaborative research opportunities between university researchers and the national laboratories; such programs should include university faculty members as equal partners in the research.

Funding Academic Science and Technology Facilities:

- o Continue to oppose congressional earmarking funds for academic science and technology facilities without competitive peer review.
- o Support several regulatory and tax code changes to strengthen the academic research infrastructure.
- o Implement tax incentives for corporate support of research and charitable gifts of equipment and facilities.

Employee Educational Assistance:

- o Endorse the reinstatement of Section 127 of the Internal Revenue Service Code as permanent provision of the Internal Revenue Code.

Future of the National Science Foundation:

- o Expand the engineering portion of the NSF budget should be expanded to 50% by no later than FY2000.
- o Continue to balance the NSF's traditional funding of research projects consisting of single faculty investigator graduate and undergraduate students with funding of research centers.
- o The NSF should serve as a host catalyst for joint industry-university planning of research agendas.

ASME Position Statements on Education Topics
American Society of Mechanical Engineers
August 1990 - October 1992

DATE	TITLE	ASME SPONSORING GROUP
August 10, 1990	Role of the National Laboratories in Engineering Research and Engineering Education	Inter-Council Committee on Federal R&D
August 1991	General Position Paper on Internal Revenue Code Section 127-Employee Educational Assistance Provisions	Council on Education
April 9, 1991	Section 127 Employee Educational Assistance Provisions of the Internal Revenue Code	Council on Education
October 15, 1992	Comments to the Commission on the Future of the National Science Foundation (NSF)	NSF Task Force of the Council on Education and the Council on Engineering