

US-JAPAN WORKSHOP ON NUCLEAR ENERGY

THE ENERGY FUTURE: STRATEGIES AND CHALLENGES



A SANTA FE ENERGY SEMINAR SERIES PROGRAM

NOVEMBER 20-22, 2005
L'ENFANT PLAZA HOTEL
WASHINGTON, DC

SUNDAY, NOVEMBER 20

6:00pm - 8:00pm **Welcome Reception at L'Enfant Plaza Hotel**

MONDAY, NOVEMBER 21

7:30am - 8:15am **Registration / Coffee and Breakfast at L'Enfant Plaza Hotel**

8:15am - 8:20am **Welcoming Remarks**

- Mr. Scott Campbell, President and CEO, Washington Policy & Analysis

8:20am - 10:05am **Keynote Speeches 1**

- INTRODUCTION: Mr. William F. Martin, Chairman, Washington Policy & Analysis
- Dr. Shunsuke Kondo, Chairman, Atomic Energy Commission
- Mr. Clay Sell, Deputy Secretary of Energy
- Mr. Tadao Yanase, Director, Nuclear Energy Policy, Ministry of Economy, Trade and Industry

10:05am - 10:35am **Coffee Break**

10:35am - 12:10pm **Keynote Speeches 2**

- INTRODUCTION: Mr. William F. Martin
- Mr. Tsunehisa Katsumata, Chairman, Federation of Electric Power Companies of Japan (FEPC)
- Mr. Guy F. Caruso, Administrator, Energy Information Administration
- Mr. Yuichi Tonozuka, President, Japan Atomic Energy Agency

12:30pm - 2:15pm **Luncheon Honoring Ambassador Howard H. Baker**

- INTRODUCTION; Mr. Yosaku Fuji, Former Chairman, Federation of Electric Power Companies of Japan
- Ambassador Howard H. Baker

2:15pm - 3:15pm **Safety Operation**

- INTRODUCTION: Mr. Neil Numark, President, Numark Associates, Inc.
- Mr. Shosuke Mori, President, Kansai Electric Power Company
- Ms. Angelina S. Howard, Vice President, Office of the President and Executive Advisor to the President, Nuclear Energy Institute
- Q&A

3:15pm - 4:15pm **Nuclear Power—Challenges and Contributions to the World**

- INTRODUCTION: Mr. Yukinori Ichida, President, The Japan Atomic Power Company
- Mr. Fumio Kawaguchi, President, Chubu Electric Power Company
- Richard A. Meserve, President, Carnegie Institution of Washington
- Q&A

4:15pm - 4:30pm **Coffee Break**

4:30pm - 5:30pm

- INTRODUCTION: Mr. Takahiko Ito, Chairman, Nuclear Development Steering Committee of FEPC
- Mr. Teruaki Masumoto, Vice Chairman, Federation of Electric Power Companies of Japan
- Mr. Jonathan Lash, President, World Resources Institute
- Q&A

5:30pm - 6:30pm **Perspective - East Asia**

- INTRODUCTION: Mr. William F. Martin
- Mr. Robert Manning, Counselor for Energy, Technology and Science, Policy Planning Staff, U.S. Department of State
- Mr. Frank S. Jannuzi, Professional Staff, Senate Committee on Foreign Relations
- Q&A

6:30pm **Adjournment**

7:00pm - 9:00pm **Seminar Reception at the Sulgrave Club (1801 Massachusetts Ave., NW)**

TUESDAY, NOVEMBER 22

7:15am - 8:00am **Coffee and Breakfast at L'Enfant Plaza Hotel**

8:00am - 9:50am **Peaceful Use and Non-Proliferation (Panel Discussion)**

- MODERATOR AND INTRODUCTORY OVERVIEW: Mr. Harold Bengelsdorf, Principal, Bengelsdorf, McGoldrick and Associates
- Mr. Harukuni Tanaka, General Manager, Federation of Electric Power Companies of Japan
- Mr. Isami Kojima, President, Japan Nuclear Fuel Limited
- Mr. Gerald L. Stacy, Senior Policy Advisor to the Administrator, National Nuclear Security Administration, U.S. Department of Energy
- Mr. Richard Stratford Director, Nuclear Energy Affairs, U.S. Department of State
- Q&A

9:50am - 10:05am **Coffee Break**

10:05am - 12:10pm **US and Japan Cooperation in Research and Development (Panel Discussion)**

- MODERATOR: Dr. Alvin W. Trivelpiece, Formerly Director, Oak Ridge National Laboratory
- Mr. Yoichiro Kishimoto, Special Advisor to the President, Japan Atomic Energy Agency
- Mr. Shane Johnson, Acting Director, Office of Nuclear Energy, Science and Technology, U.S. Department of Energy
- Dr. Keiji Kanda, Director, Japan Energy Policy Institute
- Mr. Masao Niwano, Corporate Executive Vice President, Toshiba Corporation
- Dr. Les E. Shephard, Vice President, Sandia National Laboratories
- Q&A

12:30pm - 2:15pm **Luncheon Speech**

- INTRODUCTION: Mr. Thomas R. Kuhn, President, Edison Electric Institute
- Senator Pete V. Domenici

2:15pm - 2:25pm **Epilogue**

- Ms. Susan Eisenhower, Chairman Emeritus, Eisenhower Institute

2:25pm - 2:30pm **Closing Remarks**

- Mr. William F. Martin

2:30pm **Adjournment**



THE SANTA FE ENERGY SEMINAR SERIES

In the mid 1990's, Washington Policy & Analysis (WPA) began work with the Los Alamos National Laboratory's Nuclear Vision Project to identify a coherent outline for the future of nuclear energy. As part of this collaboration, scientists, government officials and industry representatives from the United States and Japan began a dialog to explore possibilities for cooperation between two of the leading countries in the nuclear energy arena. The Santa Fe Energy Seminar Series arose from this visionary effort. These U.S.-Japan workshops provide a forum that encourages the continuation of this vital dialog on the future of nuclear energy.

Santa Fe Energy Seminar 2005

The sixth meeting of the Santa Fe Energy Series explores "The Energy Future: Strategies and Challenges." The seminar comes at a pivotal time for energy policy, as policymakers in both the US and Japan are considering long term nuclear plans and major new initiatives which could reshape the nuclear energy landscape. Participants will examine opportunities and challenges to the expansion of nuclear energy, share their experiences and look for areas of future cooperation. This year's topics include: Safety Operation; Nuclear Power - Challenges and Contributions to the World; Peaceful Use and Nonproliferation; and US and Japanese Cooperation in Research and Development.

Santa Fe Energy Seminar 2003

The fifth seminar focused on methods that government and industry leaders in Japan and the United States can use to promote nuclear energy within the context of energy security, economic, reliability and environmental benefits. Participants explored strategies for improving public relations on nuclear issues and expanding the overall role of nuclear energy in both countries.

Santa Fe Energy Seminar 2002

The fourth Santa Fe Seminar examined the opportunities and challenges facing the nuclear power industry in the post-9/11 era. Participants discussed such issues as plutonium utilization programs, nonproliferation issues, developments in collaborative nuclear research, physical protection strategies and high-level waste disposition in light of evolving economic, environmental and national security conditions.

Santa Fe Energy Seminar 2000

The third seminar, the first held in Washington, focused on two key issues impacting the prospects for nuclear energy: electricity market deregulation and climate change. Participants also examined Japan's long-term nuclear energy plan and the role of nuclear energy in the future U.S. energy mix.

Santa Fe Energy Seminar 1998

The second Santa Fe Energy Seminar captured the state of flux that nuclear power had entered. Seminar discussions ranged from improving the economics of nuclear plants to the development of advanced technologies for the fuel cycle.

Santa Fe Energy Seminar 1997

WPA's inaugural Santa Fe Energy Seminar addressed a broad range of topics beginning with an overview of the global energy outlook and the future role of nuclear power. U.S. and Japanese energy experts discussed the possibility of several nuclear energy scenarios, specifically those issues facing nuclear energy in Japan and Asia.