

藤家委員の海外出張報告について

平成9年7月15日
原子力調査室

1. 出張先

米国

2. 日程

7月 4日(金) 成田→

7月 5日(土) →サンタフェ

7月 7日(月)	}	LANL等主催会合への出席(招待講演等) LANL視察 サンディア国立研究所視察
7月 8日(火)		
7月 9日(水)		

7月11日(金) ユッカマウンテン探査・地下研究施設視察

7月12日(土) ラスベガス→

7月13日(日) →成田

3. 概要

米国ロスアラモス国立研究所(LANL)等の主催する会合(於サンタフェ)において、日米の原子力関連の専門家が集まり、「日米原子力の将来」のテーマで、原子力の将来の役割、将来シナリオ、日本とアジアが直面する原子力の課題等について意見交換が行われ、講演(招待講演)等を行った。

本セミナーの概要は、9日に米プレスに発表され、エネルギーの確保と地球環境の問題の解決のためには、原子力発電の果たす役割が大きいことが確認された。また、今後の日米のさらなる協力の必要性が確認された。

また、ロスアラモス国立研究所、サンディア国立研究所、ユッカマウンテン探査・地下研究施設の視察を行った。

4. 添付資料

米プレスに発表した資料

American and Japanese Energy Experts Endorse Nuclear Power to Reduce Greenhouse Gas Emissions, Enhance Energy Security



July 9, 1997 4:44 PM EDT

US-Japan Nuclear Energy Conference Concludes at Los Alamos

SANTA FE, N.M., July 9 /PRNewswire/ — Energy experts from the US and Japan today urged a greater role for nuclear power to combat the threat of global climate change while enhancing energy security. Greater US-Japan collaboration and the need for ongoing dialogue was also a focus.

More than 50 nuclear scientists, policy makers, and senior utility executives met in Santa Fe and at the Los Alamos National Laboratory this week to exchange views on the future of nuclear power as well as the importance of increased US-Japan cooperation on the development of nuclear power.

Dr. Yoichi Fujiie, Commissioner, Japan Atomic Energy Commission opened the conference noting that as "the global warming problem has come up ... fossil fuel based civilization seems to be reaching a turning point. Nuclear science and technology utilized in harmonization with the environment and society, is indispensable for the human society of the future."

"Japan's state-of-the-art nuclear energy industry is a model for the effective use of this renewable source of power. This year's Kyoto conference on global climate change should force environmental leaders to reconsider outdated views on nuclear energy," said William F. Martin, former US Deputy Secretary of Energy and Chairman, Washington Policy & Analysis.

The conferees expressed strong concern that the Kyoto global climate change conference in December fully consider the strong environmental benefits of nuclear power. These benefits include providing a renewable energy source that does not produce greenhouse gas or acid rain as a by-product.

The conferees reviewed a broad range of issues including world energy outlook and the role of nuclear power, Japan's long term nuclear program, the MOX program, spent fuel management, nuclear power and energy security, and the potential for continued cooperation in nuclear energy related areas.

Scientists also discussed the need for the United States, once the leader in developing the safe use of nuclear technology, to once again take an active role.

Dr. Edward Arthur, Senior Science Advisor, Los Alamos National Laboratory, noted that the US is searching for what role it should play. Arthur said "this conference can help us...as stewards of nuclear technology prepare for the energy needs of the coming one hundred years."

Indeed most participants in the conference emphasized that the role of the US is very important for Asian business, safety, ecological and non-proliferation interests. It was repeatedly stated that Japan needs the support and partnership of the United States in ensuring sound practices in Asia.

Mr. Yoshihiko Sumi, Chairman of the Executive Nuclear Committee, Federation of Electric Power Companies of Japan (FEPC) and Executive Vice President of Kansai Electric Power Company, added that representatives from Japan "are encouraged that many Americans understand the need for nuclear power and hope that the US will revitalize its nuclear power industry and lead nuclear power development, not only in Asia, but throughout the world."

Dr. Chauncey Starr, President Emeritus of the Electric Power Research Institute summed up the conference saying "a strong consensus emerged that nuclear energy is an important power source that must be supported and expanded if the world is to address the environmental, security and economic well being of its people."

Some of the other participants included Dr. Siegfried Hecker, Director, Los Alamos National Laboratory; Mr. Gregg Renkes, Staff Director, US Senate Committee on Energy and Natural Resources; Professor Atsuyuki Suzuki, University of Tokyo; Professor Keiji Kanda, Kyoto University; Mr. Katsuhiko Suetsugu, Secretary General, Asian-Pacific Energy Forum; Mr. Koichi Hasumi, Executive Vice President, Chubu Electric Power Company; Mr. Ryo Ikegame, Senior Advisor to the Board and former Executive Vice President of Tokyo Electric Power Company; Mr. Takeo Fujie, Managing Director, The Japan Atomic Power Company; Mr. Paul Cunningham, Director for Nuclear Materials, Los Alamos National Laboratory.

The July 6-9 conference was sponsored by Washington Policy & Analysis, Inc., Washington, DC in cooperation with the Los Alamos National Laboratory.

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