

Nuclear Safety Research Forum 2010



Nuclear Safety Commission
(NSC)



Ministry of Economy, Trade and Industry
(METI)
Nuclear and Industrial Safety Agency
(NISA)



文部科学省

MINISTRY OF EDUCATION,
CULTURE, SPORTS,
SCIENCE AND TECHNOLOGY-JAPAN

Ministry of Education, Culture,
Sports, Science and Technology
(MEXT)

February 23, 2010
Tokyo, Japan

“Perspectives of Safety Regulations and Research
for Radioactive Waste Disposal”

Announcement and Preliminary Program

Nuclear Safety Research Forum 2010 (NSRF2010)
“Perspectives of Safety Regulations and Research for Radioactive Waste Disposal”

February 23, 2010
Tokyo, Japan

Organized Jointly by

The Nuclear Safety Commission (NSC), the Nuclear and Industrial Safety Agency (NISA) of the Ministry of Economy, Trade and Industry, and the Ministry of Education, Culture, Sports, Science and Technology (MEXT).

Background

The primary role of nuclear safety research is to provide technical basis for regulators' decision making in their regulatory activities. Nuclear safety research is conducted at not only governmental research organizations and universities, but also private and industry's institutions. Therefore, communication between the regulators and the nuclear safety researchers is indispensable for achieving maximum outcomes from nuclear safety research in an efficient and timely manner, and thereby for further enhancing safety of nuclear facilities.

The Nuclear Safety Research Forum (NSRF) provides an opportunity for such communication and it is expected that, through discussions and information exchange among participants on topical issues of nuclear safety, future scope and needs of nuclear safety are identified for further enhancement of nuclear safety.

The NSRF2010 is the fourth Forum of the series, jointly organized by such relevant regulatory bodies as the NSC, the NISA and the MEXT, and provides an opportunity for all relevant regulators, nuclear safety researchers and persons concerned with implementation to communicate through discussions and information exchange with each other. It provides a good opportunity to all participants for mutual learning to enhance nuclear safety of radioactive waste disposal.

Objectives

Objectives of the NSRF2010 are, through discussions and information exchange, to share relevant information globally among industrial and academic communities concerned and governmental authorities, focusing on new approach to keep long range safety of radioactive waste disposal.

The Forum also clarifies the issues of importance in future safety research concerned with international radioactive waste disposal regulation.

The Forum intends to conclude the recommendations on the future needs to form social consensus on new safety assessment for radioactive waste disposal.

Target of the NSRF2010 and Special Topics of this year

This year, the Forum will focus on “Perspectives of Safety Regulations and Research for Radioactive Waste Disposal” relevant to the followings.

- Status of Safety Regulations for Radioactive Waste Disposal in Japan
- Overview of Current Technology and the Safety Research for Geological Disposal
- Panel Discussion on the Safety Research for Radioactive Waste Geological Disposal
- International Safety Research Activities for Radioactive Waste Disposal
- Safety Research for Sub-Surface Disposal and Near-Surface Disposal

Participation and Registration

Expected participants

- Regulators from Regulatory organizations
- Researchers from Research institutions and Universities
- Professionals and Specialists from Utilities and Industries
- International organizations
- Regulators, researchers, specialists from foreign countries
- Public and stakeholders

Registration

Those who wish to participate in the Forum are kindly requested to register no later than February 12, 2010.

Registration is free of charge and accepted on the first come, first served basis.

Please send Fax. or E-mail to the following contact office with the form

[MS Word\(35KB\)](#) [PDF\(12KB\)](#)

Forum Information

Please visit following website, then you can find the map, program and the other related information.

<http://www.nustec.or.jp/NSC/nsrf2010/forum-e.html>

Date and Venue

The NSRF2010 will be held at the INOUE ENRYO Hall of Toyo University located at Bunkyo-ku Tokyo, on 23rd February, 2010.

The INOUE ENRYO Hall is located at the Hakusan Campus of Toyo University, of which address is 5-28-20 Hakusan Bunkyo-ku Tokyo 112-8606 Japan. The web site of Toyo University is

<http://www.toyo.ac.jp/english/campuses.html>.

Organizer of the Forum

- The Nuclear Safety Commission (NSC)
- The Nuclear and Industrial Safety Agency (NISA) of the Ministry of Economy, Trade and Industry
- The Ministry of Education, Culture, Sports, Science and Technology (MEXT)

Working Language

The working language of the Forum will be Japanese and English. Simultaneous translation between English and Japanese will be provided for the participants.

Proceedings

All papers of presentations and related documents will be distributed at the Forum. Most materials will be translated into English.

Program

As attached

Forum Secretariat

For any questions regarding the Forum, please contact the Forum Secretariat:

< NSC Secretariat (for contents of the Forum) >

Mr. Takashi Toyota Management and Coordination Division The Nuclear Safety Commission 3-1-1 Kasumigaseki, Chiyoda-ku, TOKYO 100-8970, Japan tel : +81-3-3581-9918 fax : +81-3-3581-9835	Dr. Kazunori Takaichi Management and Coordination Division The Nuclear Safety Commission 3-1-1 Kasumigaseki, Chiyoda-ku, TOKYO 100-8970, Japan tel : +81-3-3581-9918 fax : +81-3-3581-9835
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< Nuclear Safety Technology Center (for registration) >

Mr. Hiraku Kajiwara Manager Depart. of Nuclear Technology Deployment Nuclear Safety TEchnology Center 5-1-3-101 Hakusan, Bunkyo-ku, TOKYO 112-8604, Japan e-mail: nsrf2010@nustec.or.jp tel : +81-3-3814-7405 fax : +81-3-3814-7479	Ms. Natsuko Nakamura Depart. of Nuclear Technology Deployment Nuclear Safety TEchnology Center 5-1-3-101 Hakusan, Bunkyo-ku, TOKYO 112-8604, Japan e-mail: nsrf2010@nustec.or.jp tel : +81-3-3814-7405 fax : +81-3-3814-7479
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NUCLEAR SAFETY RESEARCH FORUM 2010(NSRF-2010)

"Perspectives of Safety Regulations and
Research for Radioactive Waste Disposal"

Date: February 23, 2010(Tuesday), 9:30-17:30

Venue: The Inoue Enryo Hall, Toyo University, Bunkyo-ku, Tokyo Japan

Organized by: NSC, MEXT and NISA

Program

(Simultaneous interpretation provided between Japanese and English)

9:30	Opening and Welcome address	Atsuyuki Suzuki Chair of Nuclear Safety Commission
9:35	Keynote Addresses	Kunihisa Soda Deputy Chair of Nuclear Safety Commission
10:05	Session 1(Presentations)	Chair : Osamu Tochiyama
	Status of Safety Regulations for Radioactive Waste Disposal	Chair of Radioactive Waste Working Group(RWWG), Special Committee on Nuclear Safety Research (SCNSR), NSC Director General, Radioactive Waste Disposal Safety Research Center, Nuclear Safety Research Association(NSRA)
10:05-11:15	(Part 1) Safety Regulations for Radioactive Waste Disposal in the World	
10:05-10:50	1-1 The IAEA Safety Requirements for Disposal of Radioactive Waste	Philip Metcalf Unit Head, Radioactive Waste and Spent Fuel Management Unit, IAEA
10:50-11:05	1-2 Implementation of International Safety Standards for Radioactive Waste Management into Japanese Regulations	Toshiso Kosako Professor, Department of Nuclear Professional School, Graduate School of Engineering, The University of Tokyo
11:05-11:15	Discussion	
11:15-12:10	(Part 2) Safety Regulations for Radioactive Waste Disposal in Japan	
11:15-11:30	Trends in Domestic Regulations Relating to Radioactive Waste Disposal I	Satoru Tanaka Chair of Special Committee on Radioactive Waste and Decommissioning (SCRWD), NSC Professor, Department of Nuclear Engineering and Management, The University of Tokyo
11:30-11:45	Trends in Domestic Regulations Relating to Radioactive Waste Disposal II Undertaking for Safety Regulation of Radioactive Waste Disposal	Kenshi Nakatsu Director, Radioactive Waste Regulation Department, Nuclear and Industrial Safety Agency at the Ministry of Economy, METI/NISA
11:45-12:00	Trends in Domestic Regulations Relating to Radioactive Waste Disposal III Efforts by MEXT	Yoshinari Akeno Director, Nuclear Safety Division, Ministry of Education, Culture, Sports, Science & Technology, MEXT
12:00-12:10	Discussion	
12:10	Lunch Break (12:10~13:10)	

(Continued)

13:10	Session 2(Panel Discussion)	Chair : Osamu Tochiyama
	Current Technology and Safety Research for Geological Disposal	Chair of RWWG, SCNSR, NSC NSRA
13:10–13:35	(Part 1)	
	Status of Engineering Technology for Geological Disposal	
13:10–13:30	NUMO Report :	Hiroyuki Tsuchi
	NUMO's Safety Strategy for implementing Geological Disposal Project	Director General, Technology Department, Nuclear Waste Management Organization of Japan (NUMO)
	Discussion	
13:35–14:40	(Part 2)	
	International Safety Research Activities for Radioactive Waste Disposal	
13:35–13:55	Presentaion 1	Hiroyuki Umeki
	JAEA Report : Review and Perspective of the Safety Research for Radioactive Waste Geological Disposal	Principal Senior Scientist, Geological Isolation Research and Development Directorate, Japan Atomic Energy Agency (JAEA)
13:55–14:35	Presentaion 2	Claudio Pescatore
	OECD/NEA Report : Deep Disposal of Spent Fuel and High-level Waste – Current Status and Issues in Safety Case and Safety Regulation, and Implications for Safety Research by Regulators	Principal Administrator for Radiation Protection and Radioactive Waste Management Division, OECD/NEA
	Discussion	
14:40–15:25	(Part 3)	
	Panel Discussion, Summary by Session Chair	Panelists; Hiroyuki Tsuchi(NUMO), Hiroyuki Umeki(JAEA), Claudio Pescatore(OECD/NEA), Kyoko Ito(Assistant Professor, Osaka University), Kyoko Oba(Research Fellow, Kanazawa Institute of Technology), Masami Kato(Director General, Radioactive Waste Management and Transport Safety Division, Japan Nuclear Energy Safety Organization, JNES)
15:25	Break (15:25~15:40)	
15:40	Session 3(Presentations)	Chair : Satoru Tanaka
	Safety Research for Sub-Surface Disposal and Near-Surface Disposal	Chair of SCRWD, NSC The University of Tokyo Commentators; Shinichi Nakayama(Head, Waste Disposal & Decommissioning Safety Research Group, JAEA) Kyoko Ito(Osaka University), Kyoko Oba(Kanazawa Institute of Technology).
15:40–16:10	(Part 1)	Kenkichi Ishigure
	Safety Research for the Disposal of Radioactive Waste Generated by the Decommissioning of Nuclear Power Facilities	Board of directors, Japan Radioisotope Association, JRIA
16:10–16:50	(Part 2)	Hiroto Kawakami
	Prospective Activities of Regulatory Safety Research and Development on Sub-Surface and Near-Surface Disposal	Counseling Expert, JNES
16:50–17:25	Comments and Discussion, Summary by Session Chair	
17:25	Closing Remarks	Nobuaki Terasaka
		Director General, Nuclear and Industrial Safety Agency at the Ministry of Economy, METI/NISA