



2018 ISOE International ALARA Symposium Kyoto, Japan, October 24-26, 2018

Program

ISOE International ALARA Symposium

The Asian Technical Center (ATC) of the Information System on Occupational Exposure (ISOE) is pleased to organize the 2018 International ALARA Symposium on occupational exposure management at nuclear facilities. The symposium will be held in Kyoto, Japan from October 24 to 26. It is co-sponsored by OECD Nuclear Energy Agency (NEA) and International Atomic Energy Agency (IAEA).

This symposium targets all those concerned with radiation protection at nuclear power plants. Relevant experts from utilities, governments and regulatory bodies, and also from relevant companies are expected to attend this symposium.

The ATC expects great success of this symposium by the supports of the participants and, hopes that this symposium contributes to further improvement of radiation protection at nuclear power plants.

Symposium Language

Working language of this symposium will be English.

* Note; Simultaneous interpretation between Japanese and English will be provided only during the symposium on the 1st and 2nd day. On the 3rd day during technical visit consecutive interpretation between Japanese and English will be provided.

Symposium Schedule

Date	Time	
Oct. 24 (Wed)	12:30 - 13:00	Registration
	13:00 - 14:30	Opening / Session 1
	14:40 - 17:10	Session 2 / Session 3
	17:30 - 19:30	Welcome Reception
Oct. 25 (Thu)	09:30 - 12:05	Session 4 / Session 5
	12:05 - 13:30	Lunch Break
	13:30 - 15:55	Session 5 (cont.)
	16:00 -	Closing
Oct. 26 (Fri)	07:00 - 18:15	FUGEN Decommissioning Engineering Center (JAEA)



October 24, 2018 (Wednesday)

12:30-13:00 Registration

13:00-13:10 Opening

Welcome Address: Hiroko Tezuka, Nuclear Safety Research Association, Japan

Welcome Address: Byeongsoo Kim, Korea Institute of Nuclear Safety, Republic of Korea

13:10-14:30 Session 1 Instrumentation and Monitoring

Chairperson: Aleksandr Rakhuba (Rosenergoatom)

Presentation 20min: 15min for Speaker, 5min for Q&A

- 13:10-13:30 1-1) RP-Monitoring in decommissioning**
J. Gustavsson, OKG, Oskarshamn, Sweden
- 13:30-13:50 1-2) A Portable Gamma Spectroscopy System for In-Situ Measurements and Examples of its Use for Continuous On-Line Assay of Primary Coolant**
F. Bronson, Mirion-Technologies-Canberra, USA
- 13:50-14:10 1-3) Promotion of ALARA using compton camera**
M. Shoji, Tohoku EPC, Japan
- 14:10-14:30 1-4) Newly adopted Remote Monitoring System successfully reduces radiation exposure at Fukushima Daiichi Nuclear Power Station.**
C. Omata, Tokyo EPC-H, Japan

14:30-14:40 Break (10 min.) (Taking a Photo)

14:40-15:40 Session 2 Database Relevant

Chairperson: Takeshi Kishi (Hokuriku Electric Power Company)

Presentation 20min: 15min for Speaker, 5min for Q&A

- 14:40-15:00 2-1) Use of ISOE Database and website**
L.A. Beltrami, CEPN, France
- 15:00-15:20 2-2) Analysis on Radiation Exposure Dose of Radiation Workers in NPPs of Korea based on ISOE and KISOE databases**
Byeongsoo Kim, KINS, Republic of Korea
- 15:20-15:40 2-3) User feedback for Evolution of ISOE Database**
H. Tezuka, K. Honjo, ISOE/ATC, Japan

15:40-16:10 Coffee Break (30 min.)

16:10-17:10 Session 3 Regulation matters

Chairperson: Takeshi Yoshida (Tokyo Electric Power Company Holdings, Inc.)

Presentation 20min: 15min for Speaker, 5min for Q&A

- 16:10-16:30 3-1) Readiness for Lens Dose Limit Change**
M. Johansson, Vattenfall, Ringhals NPP, Sweden

- 16:30-16:50** **3-2)** Voluntary Action for Managing the Equivalent Dose of the Lens of the Eye According to ICRP Recommendation
Y. Natsume, Tokyo EPC-H, Japan
- 16:50-17:10** **3-3)** The Radiation Management Reported by Licensees and the Relevant Regulations Amendment in Japan
A. Suzuki, NRA, Japan

17:30-19:30 *Welcome Reception at SARA (Concon Karasuma 3rd floor)*

October 25, 2018 (Thursday)

09:00 the Meeting Room opened

09:30-11:25 **Session 4 Decommissioning matters**

Chairperson: Hyochul Roh (Korea Hydro & Nuclear Power Co., Ltd.)
Presentation 20min: 15min for Speaker, 5min for Q&A

- 09:30-09:50** **4-1)** Investigation for contaminated materials at Genkai unit 1
Y. Inokuchi, Kyushu EPC, Japan
- 09:50-10:10** **4-2)** Current Status on Decommissioning Plan of Nuclear Facilities in Korea
S. Lee, KINS, Republic of Korea
- 10:10-10:30** **4-3)** Radiation Control in the Decommissioning Work at Hamaoka Nuclear Power Station
J. Kohara, Chubu EPC, Japan

10:30-10:45 **(Break 15 min.)**

Session 4 (continued)

Chairperson: Makoto Dekijima (Chubu Electric Power Co., Inc.) for 4-4) ~5-2)
Presentation 20min: 15min for Speaker, 5min for Q&A

- 10:45-11:05** **4-4)** Mihama Unit 1 & 2 Radiological Management of System
Decontamination for Decommissioning
R. Suehiro, K. Yamaguchi, Kansai EPC, Japan
- 11:05-11:25** **4-5)** ISOE Working Group on Radiological Protection Aspects of
Decommissioning Activities at Nuclear Power Plants (WGDECOM)
L. Vaillant, CEPN, France

11:25-12:05 **Session 5 Radiation Protection in Nuclear Power Plants**

- 11:25-11:45** **5-1)** Review on Radiation Area Zoning of NPPs in Korea
Y. Kim, KINS, Republic of Korea
- 11:45-12:05** **5-2)** ALARA Activities at Shika Nuclear Power Station, Hokuriku EPC
M. Araki, Hokuriku EPC, Japan

12:05-13:30 Lunch time (85 min.)

13:30-15:55 Session 5 (continued)

Chairperson: Naoya Akimune (The Kansai Electric Power Co., Inc.) for 5-3) ~5-7)

Presentation 20min: 15min for Speaker, 5min for Q&A

13:30-13:50 5-3) Introduction of the dose and radioactive waste reduction program in Kashiwazaki-Kariwa NPS

Y. Murakami, Tokyo EPC-H, Japan

13:50-14:10 5-4) ALARA Activities in Tomari Power Station

S. Takahata, Hokkaido EPC, Japan

14:10-14:30 5-5) Characteristic Radiological Protection Activities at Ikata NPP during outages

J. Sanada, Shikoku EPC, Japan

14:30-15:15 Coffee Break (45 min.)

Session 5 (continued)

15:15-15:35 5-6) ALARA Aspects of the DC Cook Baffle Bolt/Upflow Modifications

D.W. Millar, Cook NPP, USA

15:35-15:55 5-7) Recontamination Reduction Techniques in BWR

R. Shimizu, Hitachi-GE, Japan

15:55-16:00 Administrative announcement for Technical Tour (ATC)

16:00- Closing

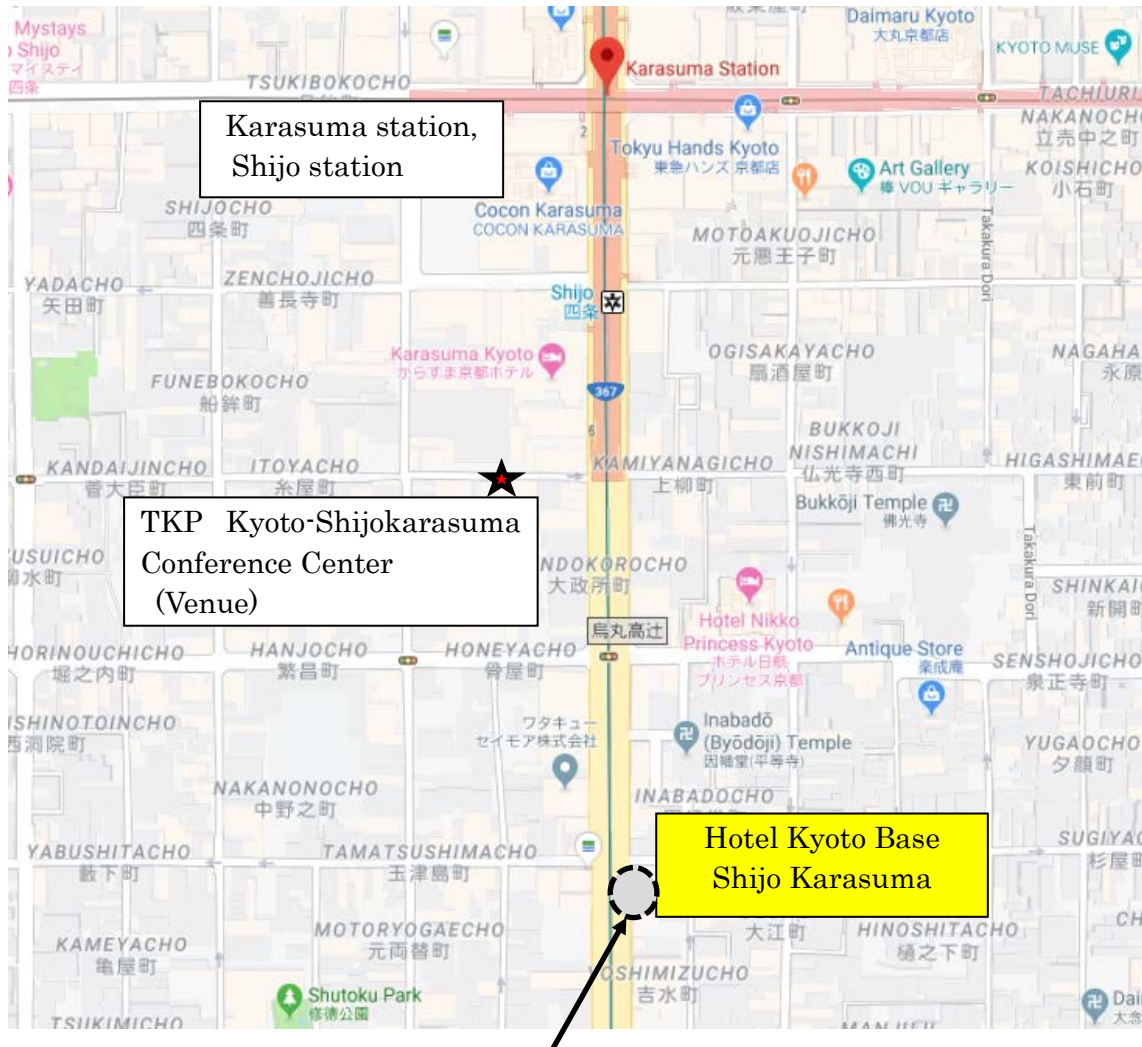
- Distinguished papers and closure of the symposium
- Closing remarks H. Tezuka (ISOE/ATC, Japan)

October 26, 2018 (Friday)

Technical tour to FUGEN Decommissioning Engineering Center (JAEA)

[Time schedule]

07:00 Bus departure



ATC staff will be waiting in front of “Hotel Kyoto Base”.

10:00- 15:00 visit to FUGEN Decommissioning Engineering Center (JAEA)

*Lunch will be served (for free) at FUGEN.

≈15:00 Depart from Fugen

≈15:55 Arrive at JR Tsuruga Station

≈18:15 Arrive at JR Kyoto Station

Emergency Contact Telephone: 080-1009-9592