

2009 ISOE Asian ALARA Symposium Program

Aomori, Japan, 8-9 September 2009

AOMORI GRAND HOTEL

Tuesday, 8th September 2009

- 09:00 Registration of participants (Kasuga-no-ma)
- 09:30 **Conference Opening**
- **Welcome address**
Wataru Mizumachi (ISOE Past Chair)
- 09:40-10:50 **Key Note Speech**

- **Highlights of Global ISOE Programs at Nuclear Plants**
Wataru Mizumachi (JNES, ISOE Past Chair) - Japan
- 10:50-12:10 **Session 1:**

- **Status of EPRI Radiation Management Program**
Dennis Hussey (Electric Power Research Institute) - United States

- **The use of the global ISOE database to achieve low refueling outage doses at US PWRs and BWRs (canceled)**
David W. Miller (ISOE NATC, Cook NPP) - United States
- 12:10-13:40 Lunch
- 13:40-15:40 **Session 2:**

- **A Method of Locating Leakage of Heavy Water in CANDU Reactors Using Ratio of Tritium to Heavy Water in a Water Vapor Sample**
Jae Sin Shin (Korea Hydro & Nuclear Power Co. LTD.) - Korea, Republic of

- **Hot Topic Report of Bottom Header Defected, YGN 5 in 2003**
Youn Young Ho (Korea Hydro & Nuclear Power Co. LTD.) - Korea, Republic of

- **Approach for reduction of radiation exposure at Tohoku Electric Power Co., Inc.**
Shigeru Ito (Tohoku Electric Power Co., Inc.) - Japan
- 15:40-16:00 Coffee Break
- 16:00-18:00 **Session 3:**

- **TEPCO's Challenges for Occupational Exposure Reduction**
- Installation of Additional Condensate Pre-Filter in Fukushima-Daiichi NPP-
Shunsuke Hori, Akira Suzuki (Tokyo Electric Power Company) - Japan

- **Dose Rate Reduction Methods at Shimane Nuclear Power Station**
Tadashi Kanaoka, Hiroyasu Kajitani, Tsuneo Sato (The Chugoku Electric Power Company, INC), Naoshi Usui (Hitachi-GE Nuclear Energy, Ltd.) - Japan
- **Application of Hi-F Coat for Recontamination Reduction at Shimane Unit 1**
Makoto Nagase, Naoshi Usui, Satoshi Oouchi (Hitachi-GE Nuclear Energy, Ltd.), Hideyuki Hosokawa (Energy and Environmental Systems Laboratory, Hitachi, Ltd.), Hiroyasu Kajitani, Akinori Yamashita, Tomohiro Minami (The Chugoku Electric Power Company, INC) - Japan

18:00-20:00 Reception (Fuyo-no-ma)

Wednesday, 9th September 2009

09:30-11:30 Session 4:

- **Pre-Filming Method of Reducing Metal Release from Alloy 690 for SG in Primary Water of PWR**
Akihiro Uehira (Sumitomo Metal Industries Ltd.) - Japan
- **Reduction of radiation exposure by feed water heater tubes applied reducing content and pre-filming technology to reduce Cr and Co release**
Tetsuo Yokoyama, Hiroyuki Anada, Kiyoko Takeda, Manabu Kanzaki (Sumitomo Metal Industries Ltd.) - Japan
- **Tungsten balls charge method radiation shield system**
Takeshi Ueda, Kazushige Hayashi (Mitsubishi Heavy Industries Ltd.), Yukihide Shimazu (Nuclear Plant Service Engineering Co., Ltd.) - Japan

11:30-13:00 Lunch

13:00-14:20 Session 5:

- **Precise control of Fe concentration in feedwater for Co-60 concentration reduction**
Seiji Yamamoto, Yumi Yaita, Yutaka Uruma, Hajime Hirasawa, Kenji Yamazaki, Hidehiro Urata (TOSHIBA Corporation) - Japan
- **Introduction of "Work Management to Optimise Occupational Radiological Protection at Nuclear Power Plants"**
Yoshihisa Hayashida (ISOE ATC, Japan Nuclear Energy Safety Organization) - Japan

14:20-14:30 Closing