

# ALARA Symposium

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## 2010 ISOE Asian ALARA Symposium

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The 2010 ISOE Asian ALARA Symposium was held on August 30-31 2010 in Gyonjui, Korea, with attendance of about 120 individuals from Korea, Japan and USA.

The first day was for the comprehensive session, and the second day was for the session in the hall separated two rooms, session 2 and 3. Finally, a distinguished paper (ISOE award) was selected for each session.

"An experience of reduction of Airborne Tritium Release" presented by Mr. Jason Shin (Wolsong NPP, KHNP, Korea) in session 2 and "Operation of Remote Monitoring and Video telephony system for Advanced RP" presented by Mr. Weon seob Yoon(Ulchin NPP, KHNP, Korea) in session 3 were selected as the distinguished papers.

They will be invited to present the paper at the 2012 ISOE International ALARA Symposium in USA.

Technical award was given for presentation by Mr. Jinhyuk Fred Chung (Korea Industrial Testing Co.,Ltd.)

Technical visits to Shin- Wolsong under construction and Wolsong 3 in the Wolsong NPP, and to the Wolsong low and intermediate level radioactive waste disposal center under construction took place on September 1 2010 after the symposium.









## Contents

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### Session1

Title	Speaker	Contents	
ISOE Overall Activities	Wataru Mizumachi JNES		
Work Management to Optimize Occupational Radiological Protection at NPPs	Dr.Yoshihisa Hayashida JNES ISOE/ATC		Presentation
Korean Culture and Technology	KSC		
Radiation Protection Culture	Dr. Sung ho Na KINS	Summary 	

Session2

Title	Speaker	Contents	
Current Status of Radiological Protection in NPPs of Korea	Jeong in Kim KHNP, Radiation Health Research Institute	Summary 	Presentation
Dose Reduction through Optimized operation method at High Radiation Area	Dong-Sup Shin Hana Inspection & Engineering Co., Ltd	Summary 	Presentation
Outline of Occupational Exposure at Japanese NPPs in FY 2009 and the ISOE ATC Activity	Akiko suzuki JNES		Presentation
ALARA OPTIMIZATION Compressed air filtration for Breathing	Seong-Gyu Leem Hanil Nuclear Co.	Summary 	Presentation
A Draft Suggestion on the Dose Constraints for Korean NPPs based on ICRP-103 Recommendations	Hee geun Kim Korea Electric Power Research Institute	Summary 	Presentation
Decontamination of Metal Radwastes using Machine Tools	Dae-Seong Jang Sunkwang Atomic Energy Safety Co., Ltd.	Summary 	Presentation
Improvements of ADR System	Jin myung Jun KHNP, Ulchin NPP(3)	Summary 	Presentation
Approach for dose reduction in Sendai NPS	Masahiro Yoshinaga Kyushu Electric Power Co.,Inc	Summary 	Presentation
Radiation safety management practices in 19th preventative maintenance of Kori unit 4 and future plans	Sang-Hee Park Korea Nuclear Engineering Co., Ltd	Summary 	Presentation
An experience of reduction of Airborne Tritium Release	Jason Shin KHNP, Wolsong NPP(2)	Summary 	Presentation

Session3

Title	Speaker	Contents	
Operation of Remote Monitoring and Video telephony system for Advanced RP	Weon seob Yoon KHNP, Ulchin NPP(1)	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Management of Occupational Exposure Dose using Entrance/Exit Processing System in Shika Nuclear Power Station	Takeshi Masaki Hokuriku Electric Power Co.	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Automatic Multiple Tritium Sampler	Young-Seung Lee SAE-AN Engineering Co.	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Recent Reulatory Activities to improve ALARA performance of NPP in Korea	Gyu hwan Jeong KINS	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Visually indicative paint for detecting radioactive surfaces	Jinhyuk Fred Chung Korea Industrial Testing Co., Ltd.	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Development of Hi-F Coat for Carbon Steel Piping	Hirofumi Matsubara Hitachi-GE Nuclear Energy, Ltd	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Experimental study about Optimized Weight for radioactive waste drums as their type	Myoung-Kyu Kim KNDT Co., Ltd	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Evolution of radioactive waste management	Gui jong Lee KHNP, Yonggwang NPP(3)	<a href="#">Summary</a> 	<a href="#">Presentation</a>
Development of Electric Steam Type Dryer for Radiation Controlled Area	Guk-Jin Jin ILJIN Radiation Engineering Co.	<a href="#">Summary</a> 	<a href="#">Presentation</a>