

Accelerating  
Asia's nuclear  
energy industry

# nuclear power asia pacific 2005

12-15 July 2005, Hotel Conrad, Hong Kong

## Key Speakers include:



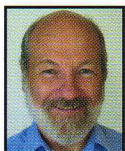
**John Ritch**  
Director General  
World Nuclear Association



**Dr Nahrul Khair Alang Md. Rashid**  
Deputy Director General  
Malaysian Institute for Nuclear  
Technology Research

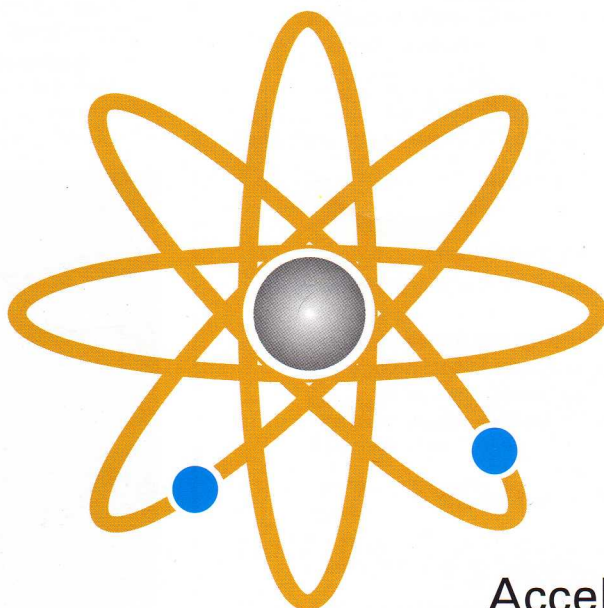


**Un Chul Lee**  
Commissioner  
Korea Nuclear Safety Commission



**Charles McCombie**  
Executive Director  
Association for Regional  
and International  
Underground Storage,  
Switzerland

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## Accelerate

### Featuring leading international perspectives

- Hear the insights of industry practitioners from around the globe
- Capitalise on the opportunity to get answers from a roomful of experts
- Discover proven strategies for success from industry leaders
- Maximise opportunities to forge valuable business relationships through networking

#### PLUS! Don't miss the separately bookable site visits to:

- Guangdong Daya Bay Nuclear Power Station
- The Hong Kong Observatory



PLUS! A separately bookable executive Masterclass on "Managing Energy Risk in the Nuclear Power Sector"

Program synopsis in Chinese, Japanese and Korean can be viewed at [www.terrapiinn.com/2005/nps\\_AU](http://www.terrapiinn.com/2005/nps_AU)

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日本語のプログラム概要は[www.terrapiinn.com/2005/nps\\_AU](http://www.terrapiinn.com/2005/nps_AU)をご

한국어 프로그램 개요는 [www.terrapiinn.com/2005/nps\\_AU](http://www.terrapiinn.com/2005/nps_AU) 에서 볼 수 있습니다.

Chinese, Japanese and Korean translators will be available on the day.

大会当天配有汉语、日语和朝鲜语翻译。

当日、日本語の通訳をご利用いただけます。

중국어, 일본어 및 한국어 통역관 들이 당일에 가능합니다.

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## Accelerate

- 9.00 Opening remarks from the chairperson**  
**Clarence Hardy, President, Pacific Nuclear Council**

**TECHNOLOGY TRANSFER**

- 9.10 Issues and challenges ahead in cooperative projects for technology transfer**
- Driving cooperative projects to achieve tangible social and economic benefits for people in developing countries
  - Developing channels and partnerships to provide expert services, specialised equipment, training, and other types of support
  - Importance of technology transfers specifically in regards to security
- Dr S. Banerjee, Managing Director, Bhabha Atomic Research Centre, India**
- 9.40 Technology transfer - a primary element of sustainable development**
- Building technical capacity to safely manage nuclear material and regulatory capacity for future use of nuclear energy in developing economies through transfer
  - Driving adaptive nuclear technology transfer in diverse forms – research reactors, medical sterilisation equipment, medical diagnostic and treatment technology amongst others
  - Building capacity through training programs for the transferred technologies
- Dr . Nahrul Khair B. Alang Md Rashid, Deputy Director General, Malaysian Institute for Nuclear Technology Research (MINT)**

**Executive briefing**

- 10.10 Strategies to grow the share of nuclear energy in the regional energy mix**
- Featuring learnings from key global experts this briefing aims to develop focussed strategies to increase the penetration of nuclear energy in the energy mix of Asian nations.
- Un Chul Lee, Commissioner, Korean Nuclear Safety Commission**
- Dr S. Banerjee, Managing Director, Bhabha Atomic Research Centre, India**
- Dr . Nahrul Khair B. Alang Md Rashid, Deputy Director General, Malaysian Institute for Nuclear Technology Research (MINT)**

- 11.10 Morning coffee**

**NUCLEAR SAFETY**

- 11.40 Developing a single set of international standards for nuclear power plants**
- Undertaking a systematic analysis of safety standards
  - Harmonisation of international standards for all lifetime phases of nuclear installations
  - Challenges being posed in improving the safety of nuclear power plants worldwide
  - Critical importance of regional cooperation and information sharing on lessons learned for enhanced safety
- Dr Kim Nam-ha, Director of Code and Standards Department, Korea Electrical Power Industry Code**
- 12.10 Strengthening regulatory systems and creating sound legal regimes**
- Addressing issues of liability and compensation for nuclear damage
  - The evolving international nuclear liability regimes
  - Strengthening treaty relations between countries to address liability and compensation for nuclear damage
- Patrick Reyners, Head Legal Affairs, Nuclear Energy Agency, France (Provisional)**

- 12.40 Updates from the KEDO project - ensuring compliance to safety codes and standards**

The Korean Peninsula Energy Development Organisation (KEDO) is building two light-water reactors (LWRs). This session will illustrate how the safety guidelines for this project are being managed and met.

- Ensuring the light-water reactor project conforms to a set of codes and standards equivalent to those of the IAEA
- Applying standards to the design, manufacturing, construction, operation of the plants and other related areas
- Participating in the LWR project as an outside safety review consultant for KEDO

**Dr. W.H. Yoon, Senior Advisor and Director of KEDO LWR Special Project Division, Korea Institute of Nuclear Safety**

- 1.10 Lunch**

- 2.20 Performance indicators of regulatory management systems**

- Quality of management systems - certification, model updates
- Effectiveness of inspection techniques
- How to licence facilities designed to different standards and criteria
- Regulation and use of safety performance indicators

**Un Chul Lee, Commissioner, Korean Nuclear Safety Commission**

**RADIOACTIVE WASTE MANAGEMENT, REPROCESSING AND PROLIFERATION**

- 2.50 It's all about communication: global perspectives on high-level waste management**

The debate is heating up on whether international waste disposal facilities should exist. While the concept seems to be facing challenges it has received endorsement from several quarters.

- Working towards establishing international disposal centres
- What are the legal and licensing requirements
- How can the need for safe and secure transportation services to the repository location be arranged?
- How can security and non-proliferation be attained?

**Charles McCombie, Executive Director, Association for Regional and International Underground Storage, Switzerland**

- 3.20 Afternoon tea**

**DRIVERS FOR NUCLEAR EXPANSION: ECONOMIC, ENVIRONMENTAL AND SECURITY**

- 3.50 How nuclear fits among other options**

- Acceptance, sustainability and economic viability
- Why nuclear power is an essential ingredient in the power portfolio of Asian economies
- Strategies to keep nuclear as a viable option for electric power generation
- Nuclear vs wind, gas and coal

**Ian Hore-Lacy, Head of Communications, World Nuclear Association, UK**

- 4.20 Radiation monitoring and control**

- Protecting the environment through a radiation monitoring programme
- Radiation monitoring techniques
- Strategies that work - and that don't!
- Helping raise public awareness of the benefits of nuclear power as an alternative fuel

**K.C. Tsui, Senior Scientific Officer, Hong Kong Observatory**

- 4.50 Closing remarks from the chair and close of the conference**

Submit your questions for the panel discussion to  
[ayusha.tyagi@terrappinn.com](mailto:ayusha.tyagi@terrappinn.com)