



Who should attend?

The workshop will be of interest to a wide range of organizations involved in nuclear and radiation technology related industries. It will be of direct interest to government bodies, regulatory authorities, operating organizations and providers of supporting technical and scientific services. The workshop will be focused on the needs of the South African industry and regulatory authorities, however it will also be of benefit to organizations from other countries with similar programmes or activities to those in South Africa.



Logistics

The workshop will take place at the Professional Development Hub (PDH), Wits Enterprises Centre (<http://hermes.wits.ac.za/Enterprise/contactus/index.html>) a new facility recently opened catering for short term professional enhancement events. The Centre is located on the campus of the University of the Witwatersrand and good access and secure parking is available. A number of hotels are close by providing various standards of accommodation.

The workshop registration fee is R 3 000, which covers attendance at the workshop, workshop documentation, meals and refreshments throughout the day and the cocktail party.

Registration

Enquires for further information and request for registration should be directed to:

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International Workshop

Developing and Maintaining Regulatory Capacity for Nuclear and Radiation Safety for an Expanding Nuclear Industry

25 October 2010



University of the Witwatersrand
Professional Development Hub
Johannesburg, South Africa

Organized by



inrAc

DEVELOPING AND MAINTAINING REGULATORY CAPACITY FOR NUCLEAR AND RADIATION SAFETY FOR EXPANDING NUCLEAR INDUSTRY



Introduction

A number of countries are expanding or contemplating expansion of their nuclear power programmes or replacing existing aging plants. Linked to these expansions are the increasing exploration of uranium deposits and increased mining and processing. Also spent fuel and radioactive waste management programmes are developing commensurately. One major element influencing the safe and successful outcome of these expanding programmes is the availability of adequate safety and licensing skills, as well as regulatory programmes.

Developing and maintaining skills for nuclear and radiation safety related regulatory programmes is a challenge in many countries. This is due to a number of factors including the generally aging workforce in many organizations and the limited training opportunities for staff in these areas of work. Such skills are of importance not only for the staff of regulatory authorities but equally for operating organizations and technical support organizations.

South Africa is contemplating a significant

Tentative Programme		
8:30	Registration	
9:00	Welcome	NNR/Wits
9:15	The South African Country Framework for Nuclear Energy	Vuvu Msutwane –Qupe (Necsa)
9:45	The South Africa Nuclear and Radiation Regulatory Programmes	NNR/Dept of Health
10:15	The UK Nuclear Regulatory Programme	Geoffrey Vaughan (NII, UK)
10:45	Coffee break	
11:15	The Eskom Nuclear and Radiation Safety and Licensing Programme	Clive Le Roux (Eskom)
11:35	The NECSA Nuclear and Radiation Safety Licensing Programme	Abrie Visagie (Necsa)
11:55	European Corporate Nuclear Utility Safety and Licensing Programmes	Patricio O'Donnell (Endesa)
12:15	Panel Discussion	Speakers
13:00	Lunch	
14:00	Technical Support to the Nuclear Regulatory Process	Francois Besnus (IRSN, France)
14:30	Technical Services for the Mining Sectors	Jozua Ellis (Anglo Gold)
15:00	International Nuclear Regulatory Academy	P. Metcalf/J. Larkin

Tentative Programme (cont)		
15:30	Coffee break	
16:00	Panel Discussion	Speakers, NNR, DoH, Necsa, Eskom
17:30	Cocktail	
19:00	Closing	NNR/Wits

expansion in nuclear generating capacity and experiencing increasing activities in the uranium mining and minerals processing sphere. A newly formed radioactive waste management institute is also coming into being and an expansion of the radioisotope production capacity is envisaged. As such the need to maintain existing and develop new safety and licensing skills for the nuclear regulatory process is an increasing priority.

The University of the Witwatersrand has for over a decade provided specialist training courses in nuclear and radiation safety and is currently cooperating with strategic partners to become part of the International Nuclear Regulatory Academy. The Academy is an initiative to group collaborating organizations around the world to cater for the development of nuclear and radiation regulatory skills.

The workshop will explore current issues being addressed around the world in the safety and licensing area and seek to address the specific safety and licensing skills needed in South Africa and mechanism to fulfill these needs.