

LECTURER'S VITAE

IAEA-ARGONNE TRAINING COURSE

Name: Mzubanzi Bismark TYOBEKA

Present Position: Chief Executive Officer

Affiliation: National Nuclear Regulator

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Scope of Present Duties:

Head of a Nuclear Regulatory Body

Most Relevant Past Experience:

Dr Tyobeka started his nuclear career 14 years ago as a reactor Physicists at Eskom Enterprises, the South African Electricity Utility Company, before moving on to the roles of Senior Physicist at Eskom Enterprises, Chief Nuclear Engineering Analyst at PBMR Pty Ltd and Nuclear Engineer and Unit Head: Gas-Cooled Reactors at the International Atomic Energy Agency IAEA in (Austria, Vienna). During his tenure at the IAEA Dr Tyobeka was also involved in the IAEA team that advises Member States in the development of new nuclear power programmes. He was involved with countries in Africa, South East Asia, Europe and Latin America. He has also been a visiting Scholar at the Nuclear Research and Consultancy Group (Netherlands) and the International Research Associate (Idaho National Laboratory, USA). Dr Tyobeka has published more than 15 journal papers in peer reviewed international journals on nuclear energy and nuclear science and engineering. He has also presented papers in more than 50 international conferences, mostly as an invited speaker and session organizer or chairperson.

Educational Background:

He holds a Master's degree and a PhD in Nuclear Engineering both from the Pennsylvania State University, USA, a Master's degree in Applied Radiation Science and Technology from North-West University, South Africa, a Master's degree in Management specializing in Project Management from Colorado Technical University in the USA, and a Bachelors' degree in Physics and Chemistry from the North West University in South Africa.

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