



1-Week Course “Key Issues in the World Nuclear Industry Today”

South Africa
18-22 October 2010

- Date:** 18 – 22 October 2010
- Venue:** Gallagher Estate, Midrand
- Cost:** Members: R5 100
Non members: R5 600
- Cancellation Fee:** Delegates will be responsible for the full fee if cancellation is not received 72 hours in prior to the event.
- RSVP:** RSVP by 8 October 2010.

Please click [here](#) to register now.

Dietary Requirements: Please advise of any dietary requirements: halaal, kosher, vegetarian

PROGRAMME:

Monday 18 October 2010

- 09:00 – 09:15 *Opening Ceremony*
- 09:15 – 09:30 *Introduction to WNU and the Course*
Steve Kidd (WNA)
- 09:30 – 10:45 *World Energy and Electricity Outlook*
Francois Nguyen (IEA)
- 10:45 – 11:00 *Refreshment break*
- 11:00 – 12:30 *Nuclear Economics*
Milt Caplan (MZ Consulting)

MORE ABOUT THE SPEAKERS:

CHAIM BRAUN – Bio- Sheet

Chaim Braun has thirty three years of management and consulting experience in the electric and nuclear power industries emphasizing domestic and international power plant economics, and international nuclear



- 12:30 – 14:00 *Lunch*
- 14:00 – 15:30 *Nuclear Fuel - Part 1*
Steve Kidd (WNA)
- 15:30 – 15:45 *Refreshment break*
- 15:45 – 17:00 *Nuclear Fuel - Part 2*
Steve Kidd (WNA)

Tuesday 19 October 2010

- 09:00 – 10:30 *Nuclear Project Structuring*
Milt Caplan (MZ Consulting)
- 10:30 – 10:45 *Refreshment break*
- 10:45 – 11:30 *Global Environmental Crisis and Nuclear Power*
Steve Kidd (WNA)
- 11:30 – 12:30 *Nuclear Power Plant Siting Issues*
Abel Gonzalez (CNEA and ICRP)
- 12:30 – 14:00 *Lunch*
- 14:00 – 15:30 *Nuclear Power Plant Technology Selection Criteria*
Chaim Braun (Stanford University)
- 15:30 – 15:45 *Refreshment break*
- 15:45 – 17:00 *Case Study - China and Kazakhstan*
Steve Kidd (WNA)

Wednesday 20 October 2010

- 09:00 – 10:15 *Waste Management*
Abel Gonzalez (CNEA and ICRP)
- 10:15 – 11:15 *Chernobyl Accident*
Abel Gonzalez (CNEA and ICRP)
- 11:15 – 11:30 *Refreshment break*
- 11:30 – 12:30 *Presentation from Westinghouse (tbc)*
- 13:30 – 14:00 *Lunch*
- 14:00 – 15:00 *Presentation from Areva (tbc)*
- 15:00 – 15:45 *Radiological Protection 1*
Abel Gonzalez (CNEA and ICRP)
- 15:45 – 16:00 *Refreshment break*
- 16:00 – 17:00 *Radiological Protection 2*
Abel Gonzalez (CNEA and ICRP)

power non-proliferation issues, particularly related to the U.S., East Asia and Eastern Europe. Chaim is currently a Science Fellow at Center for International Security and Cooperation (CISAC) in Stanford University, Previously, Chaim has worked in Bechtel Power Corporation's Nuclear Business Line, in United Engineers and Constructors (UE&C), in the Electric Power Research Institute (EPRI), and in Brookhaven National Laboratory (BNL).

**MR. MILTON CAPLAN,
P. ENG, MBA
PRESIDENT,
MZCONSULTING INC.**



Milt Caplan has more than 25 years senior experience in the nuclear industry primarily in the areas of project development, strategy formulation, business model development, economic assessment, project financing and contract negotiation. He has a very keen interest in issues related to the overall competitiveness of nuclear projects, and how deals will have to be structured to manage the risks.

ABEL J. GONZALEZ



Abel J. González has worked in radiation protection for the last four decades, most recently as Director of Radiation, Transport and Waste Safety, the senior radiation safety official of the International Atomic Energy Agency (IAEA). Previously, in his native Argentina, he was a Director of the Argentine National Atomic Energy Commission and President of the Argentine Nuclear Power Plant Corporation. He is a founding member of the Argentine Radiation Protection Society.

Mr González was a member of International Commission on Radiological Protection (ICRP) Committee 4 from 1978 to 2000 and is currently an ICRP commissioner, member of the ICRP Main Commission. He is one of the longest serving participants of the United Nations Committee on the Effects of Atomic Radiation (UNSCEAR). He is also member of the IAEA Commission on Safety Standards.

He has been honoured with a number of awards, notably:

Thursday 21 October 2010

- 09:00 – 10:00 *Nuclear Power Plant Licensing Issues*
Abel Gonzalez (CNEA and ICRP)
- 10:00 – 10:45 *Case Study – UK Experience of Nuclear in the Private Sector*
Steve Kidd (WNA)
- 10:45 – 11:00 *Refreshment break*
- 11:00 – 12:30 *Presentation from Eskom (tbc)*
- 12:30 – 14:00 *Lunch*
- 14:00 – 14:45 *Trade & Transport*
Steve Kidd (WNA)
- 15:45 – 16:00 *Refreshment break*
- 16:00 – 17:00 *Non-Proliferation Aspects*
Chaim Braun (Stanford University)

Friday 22 October 2010

- 09:00 – 10:30 *New Nuclear Technology*
Chaim Braun (Stanford University)
- 10:30 – 10:45 *Refreshment break*
- 10:45 – 12:00 *Nuclear Law*
South African speaker (tbc)
- 12:00 – 12:30 *Nuclear in New Countries*
Steve Kidd (WNA)
- 12:30 – 14:00 *Lunch*
- 14:00 – 15:15 *Non-Power Applications of Nuclear*
South African speaker (tbc)
- 15:15 – 15:30 *Refreshment break*
- 15:30 – 16:30 *Nuclear Politics & Public Acceptance*
Steve Kidd (WNA)
- 16:30 – 17:00 *Closing Ceremony*

the IAEA Distinguished Service Award in recognition of his work for the International Chernobyl Project; the Morgan Award of the Health Physics Society (twice); the Lauriston S. Taylor Award of the National Council on Radiation Protection and Measurements; and, most recently, the Sievert Award for outstanding contributions to the field of radiation protection.

Mr. González graduated in 1964 from the University of Buenos Aires (UBA) with the highest diploma in engineering. In 1962, while still an undergraduate, he began his professional career as a staff member of the Argentine National Atomic Energy Commission (CNEA) specializing in the fields of radiation protection, safety of radioactive waste management and of radioactive materials transport, and related aspects of nuclear safety

STEVE KIDD



Steve Kidd is Director of Strategy & Research at the World Nuclear Association, the international association for nuclear energy based in London. He received his bachelor's and master's degrees in economics from the University of Cambridge and then followed a career as an industrial economist with leading UK companies. He joined the former Uranium Institute as Senior Research Officer in 1995 and assumed his present position when the Institute changed its name to the World Nuclear Association in 2001. He is a regular speaker at meetings and conferences covering both nuclear and the general energy field.

FRANÇOIS NGUYEN



Francois is a Canadian with over twenty five years of professional and leadership experience mostly acquired in the energy sector. His areas of expertise include international energy economics, energy policies, electricity and gas markets, market reforms, and energy regulation.

He joined the IEA team of international energy experts as a Senior Policy Advisor in the Office of Long Term Co-Operation and Policy Analysis. In this position, he is responsible for studying global electricity markets, focusing on nuclear, fossil-fuelled generation and

renewable energy. He also provides expert advice on matters related to energy and environmental policies, supply security and diversification, market reforms and energy investments. Francois is currently responsible for the assessment of China's power sector outlook, to be included in the publication World Energy Outlook 2007. He co-authored a book released by the IEA in May 2007 titled *Tackling Investment Challenges in Power Generation in IEA countries*.

Prior to joining the IEA, he was Team Leader – Electricity at the National Energy Board, the Canadian federal energy regulator. He also worked for the Quebec Department of Natural Resources and a major Canadian natural gas distributor.

François obtained a M.A in Economics from Queen's University (Canada), a post-graduate degree in Business Management from McGill (Canada) and a B.A in Applied Econometrics from University of Fribourg (Switzerland). He served as the Canadian representative on APEC Energy Regulators Forum and is a member of the International Association for Energy Economics.

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