

**AGENDA FOR SEMINAR ON NUCLEAR SCIENCE
AND TECHNOLOGY FOR DIPLOMATS
22-24 February 2011
BOARD ROOM 'A' - 'M' BUILDING**

<u>22 FEBRUARY</u>		12:15-12:25	Discussion Period Questions and Answers
09:30-09:45	Seminar Registration/Coffee		
		12:30-14:30	Lunch Break
09:45-09:55	Video: "Discover the IAEA"		
	Opening & Welcoming Remarks	14:30-15:00	2.3 Nuclear Fuels and Fuel Cycle Activities
09:55-10:10	<i>Mr Syed Akbaruddin</i> <i>Section Head</i> Office of External Relations and Policy Co-ordination		<i>Mr Gary R. Dyck</i> <i>Section Head</i> Nuclear Fuel Cycle and Materials Section Department of Nuclear Energy
<u>TOPIC 1:</u>	<u>BASIC CONCEPTS</u>		
10:10-10:30	1.1 Radiation Health Effects <i>Ms Elena Buglova</i> <i>Acting Centre Head</i> Incident and Emergency Centre Department of Nuclear Safety and Security	15:00-15:30	2.4 Spent Fuel Management, Waste Treatment and Disposal <i>Mr Tero Varjoranta</i> Director Division of Nuclear Fuel Cycle and Waste Technology Department of Nuclear Energy
10:30-10:40	Discussion Period - Questions and Answers	15:30-15:45	Discussion Period- Questions and Answers
10:40-11:00	Coffee Break		
<u>TOPIC 2:</u>	<u>NUCLEAR ENERGY</u>		
11:00-11:30	2.1 Nuclear Power <i>Mr J-K PARK</i> Director Division of Nuclear Power Department of Nuclear Energy		
11:30-11:45	Discussion Period - Questions and Answers		
	2.2 Nuclear Research Reactors		
11:45-12:15	<i>Mr Eduard Bradley</i> <i>Nuclear Engineer</i> Research Reactor Section Department of Nuclear Energy		

23 FEBRUARY**TOPIC 3:****RADIATION AND
NUCLEAR
TECHNIQUES**

09:30-09:50

**3.1 Radioisotope and Radiation
Technology Applications for
Industry and Environment****Ms Agnes Safrany
Radiation Chemist**
Industrial Applications and Chemist
Section
Department of Nuclear Sciences and
Applications

09:50-10:00

Discussion Period -
Questions and Answers

10:00-10:20

**3.2 Nuclear Techniques in
in Food & Agriculture****Mr Jorge Hendrichs
Section Head**
Insect Pest Controls Section
Joint FAO/IAEA Division of Nuclear
Techniques in Food and Agriculture

10:20-10:30

Discussion Period -
Questions and Answers

10:30-10:50

**3.3 Isotope Hydrology
Water Resources Assessment and
Management****Mr Pradeep Aggarwal
Section Head**
Isotope Hydrology Section
Division of Physical and Chemical
Sciences
Department of Nuclear Science and
Applications

10:50-11:00

Discussion Period -
Questions and Answers

11:00-11:20

Coffee Break**11:20-12:15****3.4 Medical Imaging & Cancer
Therapy**

11:20-11:40

**(i) Mr Rethy Chhem
Director**
Division of Human Health
Department of Nuclear Sciences and
Applications

11:40-12:00

**(ii) Mr J-P Cayol
Acting Director
PACT Programme Office**
Programme of Action for Cancer
Therapy (PACT)

12:00-12:15

Discussion Period -
Questions and Answers**12:15-14:30****Lunch Break****14:30-15:00****3.5 Agency's Laboratories**
**Mr Andrew Cannavan
Unit Head**
**Food and Environmental Protection
Laboratory**
Office of the Deputy Director General
Department of Nuclear Sciences and
Applications

15:00-15:15

Discussion Period -
Questions and Answers**TOPIC 4:****NUCLEAR SAFETY & SECURITY**

15:15-15:45

**4.1 Current and Future Directions in
Nuclear Safety and Security****Mr Denis Flory
Deputy Director General**
Department of Nuclear Safety
and Security

15:45-16:00

Discussion Period -
Questions and Answers

24 FEBRUARY

TOPIC 5: INTERNATIONAL SAFEGUARDS

09:30-90:50 **6.1 Safeguards and Verification**

Mr Neville Edward Whiting
Acting Director
Division of Operations B
Department of Safeguards

09:50-10:00 Discussion period
Questions and Answers

10:00-11:20 **6.2 Key Verification tools**

(1) Video
(2) Satellite Imagery
(3) Environmental Sampling
(4) Agency's SG Laboratories,

Ms. Karen Steinmaus, Unit Head
Mr. Maxim Penkin, Senior Safeguards Analyst
Ms G. Voigt, Director
Office of Safeguards Analytical Services

11:20-11:30 Discussion period
Questions and Answers

11:30-11:45 **Coffee break**

11:45- 12:30 Wrap-up Session
Questions and Answers

12:30- 14:30 Lunch Break

Visits to the Agency's Incident and Emergency Centre:
(Registration during the Seminar: 3 Groups - 25 persons each)

14:30 1st Group
15:00 2nd group
15:30 3rd Group

25 FEBRUARY (MORNING)

Excursion to Zwentendorf: Site of a non-operational nuclear power plant in Lower Austria.

NOTE: Availability of Lecturers at the time of the seminar may be subject to change without notice.