



2006 WNU-SI Faculty bios

Andersson	Lecturer	Comparative risk assessment
Anheden	Lecturer	New technologies: Clean non-nuclear energy
Andreo	Lecturer	Nuclear technology in sustainable development
Barber	Lecturer	Global environmental crisis – Climate change
Barbier	Lecturer	New technologies: Hydrogen
Bernard	Lecturer	Waste management
Berg	Lecturer	International safety standards & global safety culture
Bernstone	Lecturer	New technologies: Clean non-nuclear energy
Bisconti	Lecturer	Public communication
Blix	Dist. Speaker	Chancellor WNU
Bongers	Lecturer	International safety standards & global safety culture
Bouchard	Lecturer	Next generation nuclear reactors
Bowman	Dist. Speaker	CEO Nuclear Energy Institute
Bradley	Lecturer	World energy demand and supply
Crane	Dist speaker	President Exelon Nuclear
DeMars	Dist speaker	Former Head US Navy nuclear propulsion program
Ellis	Dist speaker	Head INPO
Frank	Dist. Speaker	Head, Israel Atomic Energy Agency
Gobert	Dist speaker	AREVA
Gonzalez	Lecturer	Radiation effects & radiological protection
Grandey	Dist. Speaker	CEO Cameco
Gregoric	Lecturer	Security of nucl. Material, facilities and sensitive equipment
Hagberth	Lecturer	Nuclear excellence & operational focus
Hansson	Lecturer	Decommissioning
Hartenstein	Lecturer	Nuclear transport
Isaacs	Dist. speaker & Lecturer	Lawrence Livermore Nat. Lab. - Survey of nuclear politics
Josefsson	Dist. Speaker	CEO Vattenfall
Kidd	Lecturer	Industry economics - Nuclear fuel market
Mampaey	Lecturer	International safety standards & global safety culture
Marcus	Dist. Speaker	Deputy Dir. General OECD/NEA
McCombie	Lecturer	Waste management
McFarlane	Lecturer	Advanced nuclear fuel cycle
Merrifield	Dist speaker	Commissioner US-NRC
Modeen	Dist. Speaker	EPRI
Mogren	Lecturer	Global emission reduction
Özbek	Lecturer	Nuclear fuel market
Palms	Dist. speaker	President University of North Carolina
Pellaud	Lecturer	Safeguards – Non proliferation issues
Perricos	Dist. Speaker	UN Nuclear inspector
Peterson	Lecturer	Public communication
Pradel	Dist speaker	Head Nuclear energy division CEA
Raepsaet	Lecturer	New technologies: Space applications
Reis	Dist. Speaker	US Dept. of Energy
Reyners	Lecturer	Nuclear law
Ritch	Dist. Speaker	Dir. General WNA, President WNU
Rockwell	Dist. Speaker	Distinguished US scientist
Rockwood	Lecturer	Safety, safeguards and security
Salvatores	Lecturer	Advanced nuclear fuel cycle
Stoiber	Lecturer	Nuclear law - Security
St Pierre	Lecturer	Radiation effects & radiological protection
Stratford	Lecturer	Nuclear security; Export controls
Tonhauser	Lecturer	Safety and liability; Legal framework
Viktorsson	Lecturer	International safety standards & global safety culture
Vorosmarty	Lecturer	Global environmental crisis – Clean water shortage
Waltar	Lecturer	Nuclear technology in sustainable development
White	Dist speaker	CEO General Electric
Yanev	Lecturer	Knowledge management

Andersson

Kjell Andersson, Karita Research, has more than 25 years of experience from risk assessment and risk management. He was with the Swedish Nuclear Power Inspectorate, SKI, for ten years where his main area was the safety assessment of nuclear waste repositories. When he left SKI in 1991 to become consultant he was Director of Research responsible for the SKI research programme on reactor safety and nuclear waste management.

Andersson is now dedicated to improving decision making processes in complex public issues. He develops models for awareness, transparency and public participation, working within areas such as energy production, remediation of contaminated areas, mobile phone systems and biotechnology. During his years with the Swedish Nuclear Power Inspectorate, he discovered that the very complex area of nuclear waste management needed a re-framing from being totally expert dominated to include much more of dialogue and transparency. It is now apparent that this is a common characteristic for almost all policy areas with some complexity.

Dr. Andersson holds a PhD in theoretical physics from the University of Stockholm.

Anheden

Dr. Marie Anheden has been involved in activities related to CO₂ capture since 1994. She is since year 2000 employed by Vattenfall Research and Development AB, the R&D company of the Vattenfall Group and is responsible for the company's different R&D activities on CO₂ capture. She is also sub-project leader with responsibility for the oxyfuel boiler technologies in the EU FP6 project ENCAP.

Marie Anheden has a PhD in Chemical Engineering/Energy Technology from the Royal Institute of Technology in Stockholm Sweden

Arima

Mr. Jun ARIMA has been the Head of Country Studies Division of the International Energy Agency (IEA) since June 2002. Country Study is one of the IEA's core activities. It is the systematic examination and assessment of the performance of a State by other States, with the ultimate goal of helping the reviewed State and other Member States improve their policy making, adopt best practices and comply with established standards and principles. IEA Member countries are subject to in-depth reviews approximately once in four years. Review teams composed of Member country experts and Secretariat staff visit the countries under review to meet energy policy makers, regulators, energy industries and energy consumers. These visits are followed by a final report containing a comprehensive description of the energy situation and energy policies of the reviewed country with critiques and recommendations for more effective energy policies.

Since the start of professional career in the Ministry of International Trade and Industry (MITI), Japan in 1982, he has been experiencing various positions, in particular, in the field of energy and environment including international energy co-operation, climate change negotiation, energy efficiency and renewable energy policies.

Prior to his arrival in the IEA, he was Director, International Energy Strategy, Agency of Natural Resources and Energy (ANRE).

Barber

David Barber is a staff member of the Fuel Cycle Division of the Idaho National Laboratory. Dave has degrees in Physics (BS), Radioecology (MS) and Chemical Engineering (MS) with career emphases in environmental modelling and development of treatment solutions for difficult mixed wastes.

Dave has worked for three US National Laboratories (Sandia, Argonne and Idaho) and in private consulting on projects including subsurface two-phase flow experiments in the WIPP, historical dose reconstructions of cold war-era facility releases, and waste form development for weapons-program high-actinide residues. Dave has been selected by the American Nuclear Society to be the society's 2007 Glenn T. Seaborg Congressional Fellow; in that position, he will spend the year 2007 in Washington DC providing scientific counsel to members of the US Senate.

Dave was chosen by the Idaho National Laboratory's senior management to be the INL's student in the 2005 WNU in Idaho Falls.

Barbier

Françoise BARBIER received her Doctorate in Materials Science from the University of Orsay - Paris Sud (France) in 1986. She began her career at the CNRS (National Center for Scientific Research), a government-funded research organization, doing fundamental research on interfaces in titanium alloys and ceramic materials. For 2 years, she held position in the automotive industry for R&D on the processing of aluminum matrix composites. In 1992, she joined the French Atomic Energy Commission (CEA) where she was responsible for R&D activity dealing with the physico-chemistry and the mechanical behavior of materials exposed to liquid metal environments. She was involved in the programs related to the liquid metal blanket of fusion reactors and those related to the spallation target of the accelerator driven systems. She has authored or co-authored numerous papers in the areas of liquid metal corrosion by lead alloys and mechanisms of liquid metal embrittlement. In 2001, she became a major contributor to the development of the hydrogen and fuel cell program of CEA. Her responsibilities also included the coordination of the French fuel cell research network set up by the Ministry of research. From 2005, she works for the National Agency for Research for which she is in charge of the hydrogen and fuel cell program. She is in committees of international conferences on hydrogen energy.

Bernard

Patrice Bernard is Deputy Executive Director of AREVA NC Recycling Business Unit since April 2005

The first part of Patrice Bernard's career was dedicated to the industrial francization of the PWR technology. His activity was then extended to the fuel cycle, with particular responsibility for the development and industrial implementation of nuclear process control for the La Hague reprocessing plants, subsequently transferred for the Rokkasho-Mura plant in Japan.

From 1993 to 1997, he was in charge of the CEA Department of Waste Storage and Disposal. In 1998, as Director of the '1991 Law' Program, he was responsible for directing all CEA research in this area and for reporting to the Public Authorities and the National Assessment Committee.

From 2001 to the start of 2005, CEA Director of Nuclear Development and Innovation, he had particular responsibility for the development of 4th generation nuclear energy systems (reactors and fuel cycle), and research into management of high activity long-life waste (1991 Bataille law).

He was the French representative in the IAEA international Expert Group for Multilateral Nuclear Approaches to the Fuel Cycle, created in 2004 by the Director General, Mr. ElBaradei.

Patrice Bernard is graduated from the French Ecole Centrale de Paris and has a PhD. in Reactor Physics

Berg

Sigval (Sig) M. Berg is executive vice president of the Institute of Nuclear Power Operations (INPO) in Atlanta, Georgia. He has responsibility for INPO's Evaluation cornerstone and its Assistance cornerstone. Prior to his current assignment, he served as managing director of the World Association of Nuclear Operators (WANO) in London, England.

At INPO he has had responsibility for the Training and Accreditation cornerstone, served as the Executive Director of the National Academy for Nuclear Training and of the Administrative Division. He has also served as director of the WANO-Atlanta Center and deputy director of the WANO-Coordinating Center in London. Mr. Berg was elected executive vice president of INPO in April 2000, senior vice president in March 1998, and vice president in February 1996.

Mr. Berg joined INPO in 1994 after three years with Commonwealth Edison in Chicago, Illinois where he served as site vice president, Braidwood Nuclear Station; technical superintendent, Dresden Nuclear Station; assistant to production superintendent, Dresden Nuclear Station; and nuclear administrator, office of the vice president, PWR operations. During this time he completed Executive Senior Reactor Operator Training (BWR).

A 1968 graduate of the U.S. Naval Academy, he served in the U.S. Navy until 1981 holding several positions in the Navy nuclear program, including the position of chief engineer of a nuclear-powered submarine. He also completed a master of divinity (MDIV) program at Trinity Lutheran Seminary in Columbus, Ohio and served as a senior pastor with the Evangelical Lutheran Church in America (ELCA). In November 1998, Mr. Berg completed Harvard Graduate School of Business' Advanced Management Program.

Bernstone

Christian Bernstone is Master research engineer at Vattenfall Research and Development AB, with a M.Sc. in Civil Engineering (Engineering geology) from Lund University, and in Petroleum Exploration from Chalmers University of Technology.

After research studies in Applied Geophysics at Lund University, he now works at Vattenfall Research and Development AB with R&D on power generation infrastructures. When Vattenfall in 2001 increased the effort on R&D of CO₂ capture and storage (The CO₂-Free Power Plant Project), Christian became project manager for the CO₂ Storage R&D. The work includes several international co-operation projects such as SACS, GESTCO, CO₂STORE, CASTOR, DYNAMIS, CO₂REMOVE and GEOCAPACITY.

Bisconti

Ann Stouffer Bisconti is President of Bisconti Research, Inc., a public opinion and communications research company. She provides research and communications advice to many companies and organizations in the U.S. and abroad.

She has studied public attitudes toward nuclear energy for 22 years through public opinion surveys, focus groups, and in depth interviews. She has tested messages and terminology for talking about more than 25 nuclear issues ranging from nuclear energy benefits to radiation to waste and has helped refine message strategies and communications materials.

Previously a vice president with Nuclear Energy Institute (NEI), the U.S. nuclear industry's policy organization, Bisconti continues to conduct public opinion and communications research for NEI under contract and serves many other clients in energy and other fields.

Dr. Bisconti attended Harvard University, McGill University, and The Union Institute, from which she received her Ph.D. in Social Science Research in 1977. She is listed in *Who's Who in America*. Dr. Bisconti is a member of the Board of Directors of the American Nuclear Society (ANS). She is the author of five books and many other publications.

Blix

Dr. Hans Blix is Chairman of the International Weapons of Mass Destruction Commission. In 2000, the UN Secretary General appointed Dr. Blix as head of the United Nations Monitoring, Verification and Inspection Commission (UNMOVIC) from which he retired in 2003. From 1981 until 1997 he served as Director General of the International Atomic Energy Agency. Previously he served in the Swedish foreign ministry, and in 1978 became Sweden's Minister for Foreign Affairs.

Dr. Blix studied at the University of Uppsala, at Columbia University, and at Cambridge University, where he received a law PhD. At Stockholm University, he attained a doctorate in law and served as a professor in international law. He has written several books on subjects associated with international and constitutional law. In 2004 he published the book *Disarming Iraq*.

He received an honorary doctorate from Moscow State University in 1987 and the Henry de Wolf Smyth Award from the American Nuclear Society in 1988. In 1997, he was awarded the Gold Medal for distinguished service in the field of nuclear affairs by the Uranium Institute, the predecessor to the World Nuclear Association. In 2001, he became Honorary Chairman of the World Nuclear Association. He also serves as Chancellor of the World Nuclear University.

Bongers

Jozef (Jos) W.M. Bongers is director of N.V. EPZ owner, licensee and operator of NPP Borssele in the Netherlands.

Before becoming engaged in nuclear electricity generation in 1990, he was occupied in aircraft maintenance and operations for over 15 years.

Within EPZ he held the positions of manager nuclear operations and managing director nuclear generation.

Jos is member of the WANO Paris Centre Governing Board, the KSG/GFS (simulator centre in Essen, Germany) Verwaltungsrat and the Independent Nuclear Safety Committee of Electrabel NPP's in Doel (Belgium)

Jozef (Jos) W.M. Bongers holds a Masters degree in aeronautical engineering from the Technical University Delft.

Bouchard

Dr. Jacques Bouchard joined the Commissariat a L'Energie Atomique (CEA) as an engineer in 1964 and became head of the experimental physics unit in 1973, then head of the nuclear engineering department in 1975. In that capacity, the work he conducted was mainly in support of pressurized water reactor technology, and he also led studies in physics for fuel cycle applications.

In 1982, Dr. Bouchard became head of the fast neutron reactor department in Cadarache. In 1990, he was appointed head of the CEA's nuclear reactor department, then, on August 1, 1994, head of the CEA's defense applications department. At that time, he conducted a far-reaching reorganization of the department, while implementing the Simulation program to ensure the sustaining of France's nuclear deterrence capability following the final halting of nuclear tests.

From November 2000 until his retirement in December 2004, Dr. Bouchard was head of the CEA's Nuclear Energy Division.

Dr. Bouchard was born in 1939. He holds an engineering degree from the Ecole Centrale de Paris and a doctorate in nuclear physics.

Bowman

Frank L. "Skip" Bowman. President and Chief Executive Officer. Nuclear Energy Institute

Frank L. "Skip" Bowman is president and chief executive officer of the Nuclear Energy Institute, the nuclear energy industry's policy organization. NEI represents more than 270 domestic and international corporations and organizations involved in nuclear energy and related technologies.

Prior to joining NEI, Bowman served for more than 38 years in the U.S. Navy, rising to the rank of admiral. He served as director of the Naval Nuclear Propulsion Program, and was the third successor to Adm. Hyman G. Rickover in that command. Bowman also was deputy administrator-Naval Reactors in the National Nuclear Security Administration at the U.S. Department of Energy. In these dual positions, he was responsible for the operations of more than 100 reactors aboard the U.S. Navy's aircraft carriers and submarines, four training sites, and two Department of Energy laboratories in Pittsburgh and Schenectady, N.Y.

Bowman, a native of Chattanooga, Tenn., is a 1966 graduate of Duke University. He completed a dual master's program in nuclear engineering and naval architecture/marine engineering at the Massachusetts Institute of Technology in 1973 and was elected to the Society of Sigma Xi.

Bowman has been awarded the honorary degree of Doctor of Humane Letters from Duke University. He serves on the MIT Nuclear Engineering Visiting Committee, the Engineering Board of Visitors at Duke University and the Nuclear Engineering Department Advisory Committee at the University of Tennessee. Bowman also serves on the U.S. Chamber of Commerce Committee of 100, the BP U.S. Refineries Independent Safety Review Panel, and the boards of directors for the National Energy Foundation, U.S. Energy Association, American Council for Capital Formation and the Armed Services YMCA of the USA. In 2006, Bowman was made an Honorary Knight Commander of the Most Excellent Order of the British Empire in recognition of his commitment in support of the Royal Navy submarines program.

He also is an ex officio member of the boards of directors for the Institute of Nuclear Power Operations, Electric Power Research Institute and Nuclear Electric Insurance Limited, and is a member of the American Nuclear Society, the Council on Foreign Relations, the Management Committee of the Alliance for Energy and Economic Growth, Women in Nuclear and the World Nuclear Association's Council of Advisors.

Bowman married his high school sweetheart, Linda, in 1966. The Bowman's have two children and six grandchildren.

Bradley

Dr. Richard Allyn (Rick) Bradley is Head of the Energy Efficiency and Environment Division, International Energy Agency, (OECD/IEA) Paris, France.

The Division develops and conducts analysis of the Kyoto flexibility mechanism, energy efficiency policies and measures, options for reducing energy for different end uses, technology issues, mitigation policies and measures, and options for future architectures for international climate change policy making.

Previously, Rick Bradley was Senior Advisor for Global Change, and Acting Director, Office of Electricity and Natural Gas Analysis, Office of Policy and International Affairs, U.S. Department of Energy, Washington, D.C.

Dr. Bradley has management and technical expertise in natural resource and environmental economics and their application to domestic and international problems in energy and environmental policy development and implementation. He has twenty-five years experience as a negotiator of multilateral energy and environmental agreements including: the U.N. Framework Convention on Climate Change, the Kyoto Protocol, the Montreal Protocol, Agenda 21, the Nitrogen Oxides Protocol, and over 50 international policy related documents from IPCC Assessments to International Energy Agency and Organization for Economic Cooperation and Development reports.

Rick Bradley received his Ph.D. in Economics in 1977 from the University of California, Riverside (Specialization in natural resource and environmental economics).

Bucaille

Alain Bucaille is presently advisor to Anne Lauvergeon, Chairman of the AREVA group. His work over the last three years has focused on reengineering the industry's approach to public acceptance of nuclear energy.

Mr. Bucaille is also Professor of Human Sciences, teaching philosophy and poetry, with a specialty in the links we build between the right and left parts of our brain--the rational behind the emotional.

Early in his career, Mr. Bucaille occupied various functions in New Caledonia, Japan and Australia. He returned to France in the 1980's to head up economic studies for the impending tax reforms. In the early 1990s, he joined the Lafarge group as Director of a subsidiary, then as Managing Director for Research and Innovation. From 1996 to 2000 Bucaille was Executive Director of the Hermes group, the well-known luxury goods company.

Mr. Bucaille is a graduate of *Ecole Polytechnique* and the *Corps des Mines* in France.

Burkart

Dr. Werner Burkart is IAEA Deputy Director General and Head of the Department of Nuclear Sciences and Applications, a position he has held since 2000. Prior to joining the Agency, he was Head of the Department of Radiation Hygiene in the German Federal Office for Radiation Protection. From 1973 to 1975 Dr. Burkart headed the Biology and Medicine Division of the Swiss National Science Foundation. He then joined the Swiss Institute for Reactor Research at Würenlingen, where he held various assignments in radiation biology, radioecology and radiation protection.

Dr. Burkart became Head of the Radiation Hygiene Division at the Paul Scherrer Institute, Switzerland in 1988. Today he is Professor for Radiation Biology at the Faculty of Medicine, Ludwig Maximilians University in Munich.

Dr. Burkart holds a Ph.D. in Biochemistry and Masters of Science in Environmental Health (radiological health and internal dosimetry).

Crane

Christopher (Chris) M. Crane is senior vice president, Exelon Corporation; president and chief nuclear officer, Exelon Nuclear; president and chief executive officer, AmerGen. Crane leads a fleet of 10 nuclear stations with 17 reactors generating approximately 17,000 MW of electricity. It is the third largest nuclear fleet in the world and the largest in America, comprising nearly 20 percent of the nation's nuclear generating capacity. Crane joined Exelon in 1998 as vice president for boiling water reactor operations and was a major part of the ComEd nuclear program recovery. He oversaw the restart of LaSalle Unit 2, was promoted to senior vice president of nuclear operations in July 1999, and became Chief Operating Officer of Exelon Nuclear in June 2003. Crane is a former site vice president at TVA's Brown's Ferry in Alabama. He worked at the Sequoyah Nuclear Plant in Tennessee and the Palo Verde Nuclear Generating Station in Arizona. Crane is actively involved in leadership roles in the nuclear industry, including membership on the Executive Review Group for the Institute of Nuclear Power Operations and the steering committee of the Nuclear Energy Institute's Nuclear Strategic Issues Advisory Committee. He is a key leader of the industry's Materials Initiative Group. Crane attended New Hampshire Technical College, as well as at Harvard Business School's Advanced Management Program.

DeMars

Admiral Bruce DeMars is a member of the Board of Directors for Exelon Corporation. Admiral DeMars serves as chair of the Exelon Generation Oversight Committee where he is responsible for overseeing the operations of the company's nuclear, fossil, and hydroelectric facilities and the power trading organization within the generation company. Admiral DeMars, retired October 1996, is a 44-year veteran of the United States Navy. Prior to his retirement he was, for 8 years, the Director, Naval Nuclear Propulsion. He directed the transition of this enterprise to the post-cold war period. Admiral DeMars served as the Chief of Naval Operations principal assistant for submarine matters from 1983 to 1988. Before that he served as the Commander U.S. Naval Forces Marianas and as Commander in Chief Pacific Representative for Guam and the Trust Territory of the Pacific Islands. In his early years Admiral DeMars served on a surface ship and four submarines before commanding the nuclear attack submarine, USS Cavalla. He took part in cold war submarine special operations in all theaters. He commanded the Submarine Force's tactical development squadron. Shore duty tours included instructor duty at Nuclear Power School and Submarine School. Admiral DeMars graduated from the U.S. Naval Academy and the Armed Forces Staff College. Admiral DeMars is a partner in RSD, LLC. He is Chairman of Duratek and serves on the boards of the Exelon Corporation, McDermott International and OceanWorks International. He is a Member of the Corporation of the Draper Laboratory and is an advisor to industry and government. He is Chairman of the Naval Submarine League.

Ellis

James O. Ellis, Jr. was elected President and Chief Executive Officer of the Institute of Nuclear Power Operations (INPO), located in Atlanta, Georgia, on May 18, 2005.

INPO, sponsored by the commercial nuclear industry, is an independent, nonprofit organization whose mission is to promote the highest levels of safety and reliability -- to promote excellence -- in the operation of nuclear electric generating plants.

In 2004, Admiral Ellis completed a distinguished 39-year Navy career as Commander of the United States Strategic Command during a time of challenge and change. In this role, he was responsible for the global command and control of United States strategic and space forces, reporting directly to the Secretary of Defense.

A 1969 graduate of the U.S. Naval Academy, Admiral Ellis was designated a Naval aviator in 1971. His service as a Navy fighter pilot included tours with two fighter squadrons, and assignment as Commanding Officer of an F/A-18 strike/fighter squadron. In 1991, he assumed command of the USS Abraham Lincoln, a nuclear-powered aircraft carrier. After selection to Rear Admiral, in 1996 he served as a carrier battle group commander leading contingency response operations in the Taiwan Straits.

His shore assignments included senior military staff tours directing operations for the U.S. Atlantic Fleet and as Deputy Chief of Naval Operations (Plans, Policy, and Operations). He also served as Commander in Chief, U.S. Naval Forces, Europe and Commander in Chief, Allied Forces, Southern Europe during a time of historic NATO expansion and led United States and NATO forces in combat and humanitarian operations during the 1999 Kosovo crisis.

Mr. Ellis holds a master's degree in aerospace engineering from the Georgia Institute of Technology and, in 2005, was inducted into the school's Engineering Hall of Fame. He also has a master's degree in aeronautical systems from the University of West Florida. He completed United States Navy Nuclear Power Training and was qualified in the operation and maintenance of naval nuclear propulsion plants. He is a graduate of the Navy Test Pilot School, the Navy Fighter Weapons School (Top Gun) and the Senior Officer Program in National Security Strategy at Harvard University.

His personal awards include the Defense Distinguished Service Medal (three awards), Navy Distinguished Service Medal (two awards), Legion of Merit (four awards), Defense Meritorious Service Medal, Meritorious Service Medal (two awards), and the Navy Commendation Medal, as well as numerous campaign and service awards. He was presented the Order of Merit of the Republic of Hungary, the Star of Merit and Honor from the Greek Ministry of Defense and the Joint Forces Medal of Honor and the Grand Order of Merit of the Italian Republic.

Mr. Ellis currently serves on the board of directors of the Lockheed Martin Corporation, Level 3 Communications, Inmarsat PLC, and Burlington Capital Group, LLC. In December of 2005 he was appointed to a two-year term on the President's Foreign Intelligence Advisory Board.

Frank

Gideon Frank is the Director General of the Israel Atomic Energy Commission.

He began his career as a nuclear engineer at the research reactor at the Soreq Nuclear Research Center and became director of the reactor in 1970. Then, in 1973, he joined the IAEA Safeguard Department in Vienna.

In 1976 he served as Deputy Director General for technology and engineering, Soreq NRC, and then rose to the position of Director General. After that, he joined the Israel Atomic Energy Commission in 1990 as Deputy Director General and subsequently rose to his current position: Director General.

Mr. Frank earns a BSc in mechanical engineering and a MSc in nuclear science from the Technion Israel Institute of Technology.

Gobert

Christian Gobert, presently adviser to the executive board of the AREVA group, formerly, in his last position until 2004, managing director of COGEMA, -- recently renamed AREVA NC, and now one of the main subsidiaries of AREVA --, joined this company in 1979 to take over the position of managing director, exploration and mining. From the seventies onward, COGEMA and subsidiaries developed new uranium mining operations, and important industrial capabilities in all aspects of the nuclear fuel cycle as well, notably for enrichment, reprocessing and recycling. One important aspect of C.Gobert's work in supervising and updating the strategic orientations of COGEMA was, more particularly in the nineties, to make sure that the nuclear "option", understood as an unescapable contribution to any well-balanced energy policy, was preserved. He worked on the reorganisation of the French nuclear industry, which was eventually given, in 2001, the form that we know today with the setting up of the AREVA group. C.Gobert is a former member of the board of WNA.

Gonzalez

Abel González has been working in radiation protection for the last four decades, currently 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. Gonzalez was a member of International Commission on Radiological Protection (ICRP) Committee 4 from 1978 to 2000 and is currently a member of the Main Commission. He is one of the longest serving participants of the United Nations Committee on the Effects of Atomic Radiation (UNSCEAR).

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

Grandey

Jerry Grandey is president and CEO of Cameco Corporation, the world's largest uranium producer and a growing nuclear energy company.

During 30 years in the mining industry, Jerry has acquired a broad range of experience, from practising lawyer specializing in resource and environmental law to senior executive of several mining companies. Jerry joined Cameco as senior vice-president marketing and corporate development in 1993 and was appointed CEO in 2003. He currently serves on the boards of the Nuclear Energy Institute, the Canadian Nuclear Association, Bruce Power, Centerra Gold, the Saskatoon YMCA and is past chair of the World Nuclear Association.

Jerry graduated from the Colorado School of Mines with a degree in geophysical engineering and, after serving two years in the US military, received his law degree from Northwestern University in Chicago.

Gregoric

Miroslav Gregoric graduated in mechanical engineering from University of Ljubljana, Slovenia and finished his Master degree on Heat and Mass transfer at Oregon State University, USA .

He started his work in nuclear safety at Jozef Stefan Institute, Ljubljana. He was the Director of Slovenian Nuclear Safety Authority for 13 years. He participated in four IAEA Operational Safety Assessment Teams - OSART covering the area of emergency preparedness and response.

He was heading Slovenian Delegation to several IAEA General Conferences and Diplomatic Conferences in Nuclear field. He was the Governor of Slovenia to the IAEA Board 1997/1998 and its Chairman 1998/1999. He was the Chairman of the Committee of the Whole, IAEA General Conference 2000, Chairman of the Working Group and Expert Group to Explore Whether there is a need to Amend the Convention on Physical Protection of Nuclear Material, 2000/2001. He was the President

of the Second Review Meeting of the Parties to the Convention on Nuclear Safety in 2002. He was the Director of BOMVIC (Baghdad Ongoing Monitoring Verification and Inspection Centre), UNMOVIC, 2002/2003.

Since May 2005 he is responsible for the area of prevention in the Office of Nuclear Security, Department of Nuclear Safety and Security, IAEA, Vienna.

Hagberth

Ronald Hagberth is a senior consultant in Company Management as well as Project Management. He retired as President of Sydkraft Kärnkraft AB in 2005 after serving there since 2001. Mr Hagberth was between 1995 and 2001 President of OKG AB (Oskarshamn Nuclear Power Company) with three nuclear units in operation. During 15 years from 1970 to 1985 Mr Hagberth was engaged as project manager in construction of nuclear units Oskarshamn 1, 2 and 3 as well as the Central Storage for Spent Fuel (CLAB). Mr Hagberth was also a Governor to WANO Paris Centre during the latest years. Mr Hagberth has a Bachelor of Science degree in Electrical Engineering..

Hansson

Bertil Hansson, Dipl. Engineer, started working in 1967 for ASEA Atomic Department in Västerås, first with stress calculations, then more and more involvement in the design, installation and test and commissioning of the refuelling concept for the Marviken Nuclear Power Plant. Marviken was a "Direct-Cycle-Heavy-Water-Moderated-Boiling-Water-reactor, with refuelling during operation and nuclear superheated steam".

In 1969, Bertil then started working with the design of "BWR 75"(The basics for the design of ABWR), at ASEA-Atom, and continued with development work of the internal main circulation pumps in special test rigs in the test laboratories in Västerås. He became later then the operation manager for these laboratories.

Some years later in 1975, Bertil was appointed manager of a company that provided service on the reactors internals and Control Rod Drives to all the nuclear power plants in Sweden.

In 1980 he started to work for Barsebäck Nuclear Power Plant as Outage Manager, Maintenance Manager, Technical Manager and now as Plant Manager for unit 1. During this period, Bertil was involved in several committees for developing different technical approaches and guidelines.

In 1999 Bertil started to work for the International Atomic Energy Agency, IAEA, in Vienna. His tasks there were mainly to work as Team Leader for OSART missions, but he was also Scientific Secretary and co-writer for Safety Reports as examples "Early Termination of Operation of NPPs" and "Safety Culture in Maintenance". He was also responsible to finalize the writing of several other IAEA documents.

In 2004, Bertil was back again in Barseback and now on full time work with the decommissioning of unit 1. He participates now also in some working groups as "ENISS expert group for decommissioning"

Hartenstein

TN International, AREVA Group. Michel Hartenstein graduated in chemistry in 1974 at the Ecole Nationale Supérieure de Chimie de Paris, and in Business Administration at the Paris Institut de Contrôle de Gestion.

He joined FRAMATOME (now AREVA NC) for 12 years where he participated in the construction of nuclear power stations in Chinon (France) and Koeberg (Republic of South Africa). He then joined TRANSNUCLEAIRE (now TN International) in 1990 as Director of Quality and Information Systems. He was later seconded to the transport subsidiary NTL (European transport of spent fuel) as Acting Director, then seconded to the cask maintenance company MMT as General Manager.

Since 2004, he is Deputy Director of the External Relations team, where he is involved in international transports and in lobbying, notably with the International Atomic Energy Agency and the World Nuclear Transport Institute (WNTI). He is an advisor to the Board of WNTI. He also chairs a regional group of the French Nuclear Energy Society.

Hooper

Richard Hooper has 40 years of experience in nuclear material safeguards, non-proliferation and related areas as both a technical contributor and manager. In mid-1991, while serving as Section Head for Statistical Analysis in the Department of Safeguards, IAEA, Mr. Hooper was seconded to the Iraq Action Team. He participated in fifteen on-site inspections in Iraq and the completeness inspections in South Africa.

In mid-1993, Mr. Hooper became manager of Programme 93+2, the Agency's development programme for strengthened, more efficient safeguards. That programme resulted in a radical modification of the approach to safeguards taken starting in 1971 with the adoption of the Non-Proliferation Treaty (NPT). Changes during his tenure included the promulgation of the Additional Protocol to the Safeguards Agreements. The Additional Protocol greatly expanded the legal basis for the Agency's implementation of safeguards. Mr. Hooper was the architect of this programme and represented the work in a wide variety of official and professional fora. He became Director of the IAEA's Safeguards Concepts and Planning Division in 1994.

Mr. Hooper left the IAEA in 1998 and now works in Japan, the U.K. and Vienna as a private consultant. His focus remains on strengthened safeguards and how the measures contained in the Additional Protocol should be integrated with traditional material accountancy.

Mr. Hooper obtained a BA in Mathematics and an MS in Statistics from the University of Wyoming. He has been recognized with a Distinguished Service Award from the IAEA and two formal commendations from the IAEA Board .

Isaacs

Tom Isaacs is the Director of Policy, Planning, and Special Studies of the Lawrence Livermore National Laboratory in California. Throughout his career, Mr. Isaacs has been involved in nuclear activities at the intersection of nuclear power, national security, and waste management.

He was Director of Policy and Deputy Director of Geologic Repositories in the U.S. Department of Energy and managed the comparative evaluation of sites that led to Yucca Mountain. He was Deputy Director for Safeguards and Security and before that helped design the core of the U.S. FFTF breeder reactor.

He advises countries on radioactive waste management, in particular recently assisting the Canadian program in formulating its recommendations to the government on how Canada should manage its spent nuclear fuel. He serves on the advisory committee for two U.S. university nuclear departments. He coordinates the U.S. participation in the World Nuclear University (WNU).

Mr. Isaacs holds a B.S. in chemical engineering from the University of Pennsylvania and an M.S. in engineering and applied physics from Harvard University.

Josefsson

Lars G Josefsson is President and CEO of Vattenfall since August 2000. He graduated in 1973 with a degree in technical physics from Chalmers Institute of Technology and entered his professional career in 1974 at Ericsson, where he occupied a number of executive posts. In 1993 Lars Josefsson was appointed President of Shrack Telecom AG in Vienna and in 1997 President of Celsius AB.

Lars Josefsson is member of the supervisory board of Böhler-Uddeholm AG, Vienna, and of Eskom Holdings Ltd, Johannesburg. He is the holder of several patents in the field of radar technology. He is member of the Royal Swedish Military Academy and of the Royal Swedish Society of Naval Sciences. Professor honorary of the University of Cottbus, Germany, 2005.

Lars Josefsson is married to Gunni Josefsson and has four children. His leisure interests are tennis, skiing and hunting.

Kakodkar

Dr. Anil Kakodkar joined the Bhabha Atomic Research (BARC) in 1964, and became the Director of BARC in the year 1996 and took over as the Chairman, Atomic Energy Commission and Secretary to the Government of India, Department of Atomic Energy, in the year 2000. Throughout his career, Kakodkar has been associated with the research and development work related to nuclear reactors. He played a key role in design and construction of Dhruva reactor, the 100 MW high flux reactor. Over several decades, Kakodkar has made significant contributions to indigenous development of a large number of critical systems of Indian Pressurized Heavy Water Reactors, to safety related research and has piloted several new state-of-the-art technologies for reactor systems. Kakodkar continues to lead the team engaged in the design of the Advanced Heavy Water Reactor.

Kidd

Steve Kidd is Director of Strategy and Research at the World Nuclear Association, the international association for nuclear energy based in London, England.

After a brief period as an economics tutor at Sheffield University, Kidd followed a career as an industrial economist with leading UK companies from 1981-1990, specializing in the raw materials and engineering sectors, including Rio Tinto and Rover Cars. His prime responsibility was the analysis of markets of interest to his employers, including possible business diversification. He practiced as an independent consultant covering similar areas from 1990 onwards and then joined the former Uranium Institute as Senior Research Officer in 1995. He assumed his present position when the Institute changed its name to the World Nuclear Association in 2001.

Mr. Kidd received his bachelor's and master' degrees in economics from Queens' College, University of Cambridge. He was the winner of the Adam Smith Prize in 1976. He is a member of the International Association for Energy Economics and is a regular speaker at their meetings and other conferences in the general energy field.

Mampaey

In November 2004, Lucas Mampaey became Managing Director of the World Association of Nuclear Operators (WANO), the London-based international organization that promotes safe and reliable operations at 442 member commercial nuclear units in 35 countries.

In 1973, he joined the nuclear engineering branch of Tractebel, the architect-engineering firm for all Belgian nuclear plants. During 16 years with Tractebel as an engineer and manager, Mr. Mampaey was intimately involved with the design and start-up of the four units at the Doel Nuclear Power Station. He finished his tenure with the company as Head of Systems Design.

In 1989 Mr. Mampaey joined Electrabel, the Belgian utility. There he continued his close association with the Doel nuclear power station, in various positions. In 1994 he became Plant Manager of Doel 1 and 2, and in 2000 he became Station Director.

Mr. Mampaey obtained Masters degrees in both electromechanical and nuclear engineering from Louvain University in Belgium.

Marcus

Dr. Gail H. Marcus is a Doctor of Science in Nuclear Engineering and both a Bachelor and Master of Science in Physics from the Massachusetts Institute of Technology.

From 1985 to 1999, she held several positions at the US Nuclear Regulatory Commission in Washington, DC. She was Acting Deputy Executive Director for the Advisory Committee on Reactor Safeguards and the Advisory Committee on Nuclear Waste; Senior Executive in the Office of Nuclear Reactor Regulation. She also served as a Technical Assistant to one of the NRC Commissioners [Kenneth Rogers]. From 1998 to 1999, she was Visiting Professor at the Tokyo Institute of Technology. From 1999 to March 2004, she was the Principal Deputy Director of the Office of Nuclear Energy, Science and Technology at the US Department of Energy. She was also President of the American Nuclear Society in 2001-2002.

Today she is Deputy Director-General of the OECD Nuclear Energy Agency (OECD/NEA).

McCombie

Charles McCombie is an independent strategic and technical advisor to national and international waste management programmes and Executive Director of the Arius Association. He has provided advice and technical input to national waste management programmes in Switzerland, Japan, USA, Canada, Germany, Slovenia and Italy. He was scientific and technical

director of Nagra, the Swiss Cooperative for the Disposal of Radioactive Waste, and has held positions as a research scientist with the U.K. Atomic Energy Authority and with the Swiss Federal Institute for Reactor Research.

Responsibilities throughout his career have included reactor safety, performance assessment for disposal of radioactive waste, repository engineering, and geological investigations.

As Swiss coordinator of collaborative work with numerous national programs and with the IAEA, NEA and EU, McCombie has served on committees advising national and international organizations on radioactive waste management issues. He currently chairs the International Technical Advisory Committee of NUMO (the HLW organisation of Japan), and the Nuclear Advisory Committee of the Swiss Paul Scherrer Institute. He is past Vice-Chairman of the U.S. National Research Council's Board on Radioactive Waste Management (BRWM).

Dr. McCombie received a B.Sc. degree in natural philosophy (physics) in 1967 from the University of Aberdeen, Scotland and a Ph.D. degree in physics (material science) from the University of Bristol, England in 1974. He is an author or co-author of over 150 published papers and articles.

McDonald

Alan McDonald is with the Nuclear Energy Department of the International Atomic Energy Agency (IAEA). He co-authored Global Energy Perspectives, the final report of the joint study on long-term energy prospects by the World Energy Council (WEC) and the International Institute for Applied Systems Analysis (IIASA). He is a contributing author to the UNDP-UNDESA-WEC World Energy Assessment 2004 Update and the IPCC's 2000 Special Report on Emissions Scenarios (SRES), and has published on the future of nuclear power, innovation, technological learning, gas infrastructures in Eurasia, international scientific cooperation, and interactions between climate change and acid rain policies.

He began his career at the General Electric Company's former Fast Breeder Reactor Department, and worked at the California Energy Resources Conservation and Development Commission, the American Academy of Arts and Sciences, and IIASA before joining the IAEA.

Mr. McDonald received his Master of Science degree in Aeronautical and Astronautical Engineering from Stanford University in 1974 and his Master of Public Policy degree from Harvard University's John F. Kennedy School of Government in 1979.

McFarlane

Harold McFarlane is the Deputy Associate Laboratory Director for Nuclear Programs and Director of the Space Systems & Technology Division of the U.S. Department of Energy's Idaho National Laboratory. His technical experience is in nuclear reactor development, nuclear fuel cycle R&D, radioactive waste management, radioisotope power systems, neutron physics and plasma physics. Prior to joining the INL in 2005, he spent most of his professional career with Argonne National Laboratory where he held a number of senior positions. Dr. McFarlane has a doctorate in engineering science from Caltech, a bachelor's degree in physics from the University of Texas, and master's degree in business administration from the University of Chicago. He is a Fellow of and the President of the American Nuclear Society, an international professional association of more than 10,000 scientists and engineers.

Mentor Waltar

Dr. Alan E. Waltar currently serves as Senior Advisor to the Pacific Northwest National Laboratory (PNNL) in Richland, WA, having recently retired as Director of Nuclear Energy. He was Professor and Head, Nuclear Engineering, Texas A&M University from 1998 to 2002, where he helped to build that program into the nation's largest Department of Nuclear Engineering.

Dr. Waltar served as President of the 16,000-member American Nuclear Society during 1994-1995. He was elected a Fellow of the Society in 1984. He holds a B.S. in electrical engineering (University of Washington), an M.S. in nuclear engineering (MIT), and a Ph.D. in engineering science (University of California, Berkeley).

His distinguished career with Westinghouse Hanford Company included leadership positions in several areas of advanced reactor technology. He served on the faculty at the University of Virginia where, with Professor Albert Reynolds, he co-authored the FAST BREEDER REACTORS textbook. In addition to organizing numerous international technical conferences, Dr. Waltar has published over 75 open literature scientific articles.

Dr. Waltar authored AMERICA THE POWERLESS: Facing Our Nuclear Energy Dilemma, in 1995 and has just published his newest book, RADIATION AND MODERN LIFE: Fulfilling Marie Curie's Dream, which articulates the enormous beneficial uses of radiation to society.

Mentor Carnino

At IAEA, Ms. Annick Carnino was Director of the Division of Nuclear Installation Safety responsible for managing and promoting safety in nuclear installations through development of safety documents, conducting safety assessments, collection and dissemination of information on safe operational practices, the nuclear safety convention and the provision of peer review safety services.

As Head of the Safety Standards and Co-ordination Section, Ms. Carnino's activities were safety standards development, management of International Nuclear Safety Advisory Group. In 1990, Ms. Carnino participated in the IAEA International Chernobyl Project as task leader and in the design and operation safety review missions on Soviet designed reactors.

While at the Electricité de France's Direction Générale, Ms. Carnino worked on safety and security of EDF nuclear installations, PSA management, event investigations in the field, internal audits and inspections, development of safety culture and human factors. During the time she worked for the French Atomic Energy Commission, Ms. Carnino performed safety experiments on the Cabri reactor.

Ms. Carnino is a "Fellow" of the American Nuclear Society and was awarded the Tommy Thompson award for her "outstanding contributions in the areas of reliability design, analysis, human factors, probabilistic safety assessment and development of safety culture, as well as for her leadership in improving the safety of nuclear installations worldwide, especially in developing countries and in eastern Europe". Ms. Carnino is author of a book entitled "Catastrophe?... Non merci!" (Paris, 1989) also published in English under the title "Man and Risk" (New York, 1990).

Mentor Seidel

Bob Seidel participated in a wide range of initiatives to improve nuclear fuel and structural material performance for several reactor types throughout his career at Argonne National Laboratory. His understanding of EBR-II metallic driver fuel performance and lifetime led to improvements in design, a several-fold increase in useable lifetime and qualification of the fuel for off-normal conditions that enabled EBR-II to demonstrate features of inherent passive safety. His efforts also led to the fabrication and irradiation of the first large-scale plutonium-bearing metallic fuel assemblies in EBR-II and FFTF that laid the foundation for the development of advanced fast reactors.

Dr. Seidel championed the Argonne West summer intern and faculty programs for many years. In 2005, Dr. Seidel was honored to be one of the mentors of the inaugural WNU Summer Institute held in Idaho Falls, Idaho.

Dr. Seidel is a Fellow of the American Nuclear Society and has served on the Board of Directors and as Chair of the Materials Science Division. He has been recognized with three American Nuclear Society Distinguished Service Awards. Dr. Seidel has numerous publications and one patent and currently is active in visual and electronic arts.

Dr. Seidel holds both M.S. and Ph.D. degrees in Materials Science from Northwestern University and a B.S. in Metallurgy from Montana College of Mineral Science and Technology.

Mentor Brown

Dr. Gilbert J. Brown is Professor and Coordinator of the Nuclear Engineering Program at the University of Massachusetts Lowell. During a sabbatical and summers he has held positions at national laboratories, Yankee Atomic, Seabrook, and Stone & Webster. In addition, he worked at the IAEA in safeguards training and was a visiting professor at MIT. Research in such areas as fast reactors, materials, cogeneration, and technology and values has resulted in one patent and over 50 publications. He contributed to the OECD study on "Nuclear Education and Training: Cause for Concern".

Dr. Brown is a Fellow of the American Nuclear Society and has served on their Board of Directors and as Chair of the Education Division. He is Chair of the Nuclear Engineering Department Heads Organization (NEDHO), a member of the National Nuclear Accreditation Board, and a Director of ABET, the recognized accreditation organization for engineering programs in the U.S. He holds membership in the American Institute of Chemical Engineers, the American Society of Engineering Educators, Sigma Xi, and the Society for Literature and Science.

Dr Brown has a Doctorate in Nuclear Engineering from the Massachusetts Institute of Technology and a Bachelor of Science Degree in Engineering Physics from Cornell University.

Mentor Nigon

Jean-Louis Nigon, Chief Coordinator of the Working Groups at World Nuclear University, is seconded by AREVA, where he had been serving as COGEMA Deputy Vice-President for Research and Development for four years. He is simultaneously a Delegate to the Nuclear Standard Activities of AREVA, and Chairman of ISO-TC85, the Technical Committee on Nuclear Energy. He teaches "Nuclear Reactor Technology" in Conservatoire National des Arts-et-Métiers in Paris, an educational institution specifically dedicated to continuing education of young professionals who want to improve their qualifications.

Before focusing on Research and Development management, he had been Deputy Vice-President of COGEMA in the Fuel Branch, where he was in charge of plutonium fuel. From 1967 to 1990 M. Nigon worked for the Commissariat L'Energie Atomique (CEA) in Saclay, Grenoble, and Cadarache, France on core physics, thermal-hydraulics and safety, and core and fuel design for submarines.

Jean-Louis Nigon is a graduate of the Ecole Polytechnique from which he received a degree in Reactor Physics. He is a Fellow of the American Nuclear Society. Even more important than all the above, he is a grandfather of five grandchildren.

Mentor Högberg

Lars Högberg obtained a M. Sci. in plasma physics at Uppsala University in 1961. After serving with the National Defence Research Institute, he joined the Swedish Nuclear Power Inspectorate (SKI) in 1980, first as Director, Office of Regulation and Research, and from 1989 through 1999 as Director General. Before retiring from active government service in 2001, he served in the Ministry of the Environment with special assignments, mainly related to nuclear safety within the European Union.

On the international scene, he has served as chairman of the OECD/NEA Steering Committee and of the NEA Committee of Nuclear Regulatory Activities (CNRA). He has also served as IAEA Governor for Sweden. He has been a member of the IAEA's International Nuclear Safety Advisory Group (INSAG) and was elected president of the 1st Review Meeting of the international Convention on Nuclear Safety. He was a founding member of the Western European Nuclear Regulators' Association (WENRA). In 1991 he was elected Fellow of the Royal Swedish Academy of Engineering Sciences (IVA). In recent years he has worked as a consultant in nuclear safety, both nationally and internationally.

Mentor Chelet

Yves Chelet spent his career with the French Atomic Energy Commission (CEA) and held the position of Director of the Institut National des Sciences et Techniques Nucleaires (INSTN), in Saclay, from 1982 to 1995, when he retired. While he was Director of INSTN, the institution that organizes post-graduate programmes in specialized subjects related to nuclear activities, he worked to develop collaboration with French Universities. He also promoted it as an active partner with the IAEA for organizing international courses.

Before becoming Director, Mr. Chelet taught Nuclear Reactor Technology at INSTN and in different Schools of Engineering in France. He also has given courses in foreign countries including the University of Rio de Janeiro in Brazil, and the Asian Institute of Technology in Thailand.

After graduating from Ecole Supérieure d'Electricité he decided to work in the field of nuclear energy. He completed a post graduate course in Nuclear Physics in Paris then attended the 6th session of the International Institute of Nuclear Engineering organized at Argonne National Laboratory as part of President Eisenhower's Atoms for Peace programme.

Since his retirement from the CEA, Mr. Chelet has been involved in a variety of activities related to education and training in the nuclear field.

Mentor Yadigaroglu

George Yadigaroglu is Professor emeritus of Nuclear Engineering, Swiss Federal Institute of Technology-Zurich (ETH-Zurich) and President and founder of ASCOMP, an ETH spin-off company specializing in applied scientific computing. From 1988 to 1999 he also headed the Thermal-Hydraulics Laboratory at the Paul Scherrer Institute, the national research laboratory in Switzerland.

He was previously, from 1970 to 1982, Assistant, Associate and finally Professor of Nuclear Engineering at the Univ. of California-Berkeley, and served as Head of the Nuclear Regulatory Service in Greece during the period 1979-1982.

He studied mechanical Engineering at the Ecole Polytechnique Fédérale of Lausanne, Switzerland and obtained his doctorate in Nuclear Engineering from MIT. His areas of technical specialization are thermal-hydraulics applied to nuclear reactor safety and more generally thermodynamics / heat transfer / fluid mechanics and the application of computational fluid mechanics methods to multiphase flows, risk assessment and siting of nuclear power plants, risks and environmental impact of energy production, utilization and energy resources.

He is active in research and consulting for various organisations and national laboratories and is a member of several national and international committees dealing with nuclear safety issues. ANS Technical Achievement Award. ANS and ASME Fellow. Former Assoc. Editor of the *Int. J. of Multiphase Flow*.

Merrifield

The Honorable Jeffrey S. Merrifield is a Commissioner to the U.S. Nuclear Regulatory Commission (NRC).

He headed an NRC Communications Task Force, which made a number of recommendations resulting in considerable improvements to the agency's internal and external communications. An active participant in the preparation of the NRC's revised Strategic Plan, he also pioneered the creation of a vision statement for the agency. Commissioner Merrifield has championed a number of significant regulatory improvements including NRC's efforts to risk-inform regulations and prepare the agency for potential new power reactor applications. He was the leading advocate for use of the alternate dispute resolution process in agency enforcement actions and has taken a special interest in improving management of decommissioning funding.

Recognizing the NRC's influence in the international regulatory community, Commissioner Merrifield has traveled abroad to discuss policy issues with nuclear regulators and foreign dignitaries in over 20 countries and has toured over 100 nuclear reactors overseas.

Mr. Merrifield previously served as Majority Counsel and Staff Director of the Senate Subcommittee on Superfund, Waste Control and Risk Assessment. In this capacity, he drafted legislation dealing with solid and hazardous waste disposal and cleanup regulation. In addition, he acted as a legislative assistant to two U.S. Senators and as an associate of the Washington, D.C., law firm of McKenna & Cuneo, where he represented a broad range of clients on environmental, contracting, and regulatory issues.

A native of Antrim, New Hampshire, Mr. Merrifield received his Bachelor of Arts degree from Tufts University in 1985, and his Juris Doctorate degree from the Georgetown University Law Center in 1992. He is a member of the bar of both New Hampshire and the District of Columbia.

Modeen

Dave J. Modeen is EPRI Vice President, Nuclear Power Sector & Chief Nuclear Officer. In this capacity, he leads the team responsible for development of EPRI's Nuclear Power technology research and development program and business development, in close concert with its advisors, both domestic and international.

David has over 29 years of operational, technical and policy experience in the nuclear field.

Previously, he was a Director at the Nuclear Energy Institute (NEI) located in Washington, DC, with responsibilities in a variety of areas, including engineering, security/access authorization, training and probabilistic risk assessment. During his 14 years at NEI and its predecessor organization, he managed the development and ultimate approval of a number of formal industry positions requiring collaboration among EPRI staff, INPO, vendor and utility advisors.

Dave spent seven years with the Portland General Electric Company as a Senior Engineer, and obtained a Senior Reactor Operator certificate and stood watch as a Shift Technical Advisor at the Trojan Nuclear Plant. He had broad technical responsibilities at Trojan including upgrade of the Emergency Operating Procedures, development of Safety Parameter Display System, Control Room Design Review, and fire protection safe shutdown analysis and alternative shutdown procedures.

Modeen graduate with honors in industrial engineering at the Iowa State University. He served five years in the U.S. Navy as a submarine warfare officer. He serves on the Institute of Nuclear Power Operations Advisory Council, and is a member of ANS.

Mogren

Arne Mogren, Vice President Public Affairs, Vattenfall AB

Studied engineering, philosophy and economics in Gothenburg during the 70s. (M. Sc. Degree in mechanical Engineering 1978, B.A. in Philosophy, Mathematics and Economics 1976.)

Researcher at the Swedish Defence Research Institute in the energy futures studies field during the 80s.

Started as policy analyst in the strategic planning department at Vattenfall in 1989. Established Vattenfall's Brussels office in 1992 and headed the Brussels activities until 1995. Handled energy policy issues such as deregulation, nuclear phase out and taxation in Sweden during the second part of the 90s.

Responsible for Public Affairs issues on group level since 2001.

Özberk

Engin Özberk is the Director of Business and Technology Development of Cameco Corporation and he has been with the company more than 9 years. Before that he has worked as Consulting Metallurgist for Sherritt International Corporation, Fort Saskatchewan, Alberta; as Senior Project Manager for The SNC Group, Montreal, Quebec; as Research Engineer for Noranda Technology Centre, Pointe – Claire, Quebec and as Project Engineer for Etibank, Ankara, Turkey.

He has more than 30 years of research and development and project management experience. He has lead or participated in numerous major metallurgical and chemical engineering projects in practically every continent. He has obtained his B.Sc., Metallurgical Engineering (1972), Middle East Technical University, Ankara, Turkey, and Master of Eng., Metallurgical Engineering (1979) and Graduate Diploma in Management (1978), both from McGill University, Montreal, Quebec.

He is a Canadian Institute of Mining and Metallurgy (CIM) Fellow (1994) and recipient of prestigious Silver Medal (1997) and Alcan Awards (2006) from the Metallurgical Society of CIM, and the Extractive Metallurgy Science Award (1988) from the Minerals, Metals and Materials Society (TMS) of AIME of USA. He has authored or coauthored more than 40 papers. He has also chaired numerous international conferences and symposia, as well as being the guest speaker or lecturer at conferences and in universities.

Palms

Dr. John M. Palms is a member of the Board of Directors for Exelon Corporation. Palms serves as the chair of the Audit Committee for the Exelon Board and serves on the Generation Oversight Committee. Palms is currently Distinguished University Professor and Distinguished President Emeritus of the University of South Carolina where he was President from 1991 to 2002. Dr. Palms' experience in higher education includes a 23-year career at Emory University in Atlanta as a scientist, an administrator, and the Charles Howard Candler Professor of Physics. He also served as chairman of Emory's Department of Physics, dean of the College of Arts and Sciences, and vice president for Academic Affairs. From 1989-1991 he was president of Georgia State University in Atlanta. Author of more than 100 scholarly publications, Dr. Palms has focused his scientific work on low-energy basic atomic and nuclear physics and the effects of radiation on humans and the environment. He also has developed ultra-sensitive devices that measure radiation in the environment and in medical diagnostic techniques. In 1980, The Citadel presented him with the honorary degree, Doctor of Science. In 2001, he received the Radiation Protection Professional of the Year from the joint boards of the International Atomic Energy Agency (Vienna), the Organization of the North American Technical Center, and the Nuclear Energy Agency of the Organization for Economic Cooperation and Development (OECD). An adviser and consultant to many corporations during the years, Dr. Palms currently serves on a number of corporate and community boards, including Exelon Corporation; SIMCOM International Holdings, Inc.; Assurant, currently its chairman (formerly Fortis, Inc.), a Dutch-owned, multinational financial service insurance company; Computer Task Group, Inc.

Pellaud

Bruno Pellaud studied at the Swiss Federal Institute of Technology in Zurich where he received a M.S. in Nuclear Physics, at the University of Lausanne where he got a M.A. in Economics and at New York University where he earned a PhD in Nuclear Engineering.

In the sixties and seventies, he worked in research and in management in the United States and in Switzerland. Mr. Pellaud was then Head of the Nuclear Engineering Department in a large Swiss engineering company involved in the construction of a large nuclear power plant in Switzerland.

In 1993, Mr. Bruno Pellaud was appointed Deputy Director General of the International Atomic Energy Agency (IAEA) in Vienna and Head of its Department of Safeguards. Back in Switzerland since 1999, he is President of the Swiss Nuclear Forum, the trade association, and occasional adviser on nuclear security and non-proliferation matters to the Swiss Government and to the IAEA.

Perricos

Dr. Demetrius Perricos was born in Piraeus, Greece in December 1935. He joined the International Atomic Energy Agency (IAEA) in 1972 as a nuclear safeguards inspector. During his 28 year career at the IAEA he influenced the way the nuclear safeguards system was developed to its present state.

Demetrius Perricos was the head of a special group of experts which developed the Safeguards Implementation and Evaluation Criteria in early 1990s. He joined the Iraq Action Team upon its establishment in April 1991 as head of operations, leading the first team into Iraq under Security Council Resolution 687.

He was Team Leader of a special group appointed in late 1991 to verify the completeness and correctness of the South African declaration under its comprehensive safeguards agreement and verification of the dismantling of its nuclear weapons programme. He also has been Director of the IAEA Division of Operations dealing with DPRK nuclear issues from 1993 to 1999.

In 2000, Dr. Perricos joined Dr. Hans Blix at UN in New York as the Director of Planning and Operations of United Nations Monitoring and Verification Commission (UNMOVIC). He led the first UNMOVIC inspection team into Iraq in November 2002. In January 2003 he was appointed Deputy Executive Chairman of the organization. In July 2003, he was appointed Acting Executive Chairman of UNMOVIC, following the departure of Dr Blix.

Dr. Perricos holds a PhD in Chemistry from the University of Athens.

Peterson

Scott Peterson is Vice President for Communications at the Nuclear Energy Institute (NEI). He was elected Vice President by the NEI Executive Committee in May 2001 after having served as Senior Director for NEI's Communications Division since 2000. Mr. Peterson directs the Institute's activities in media relations, advertising, editorial and creative services, public opinion research and industry communications.

Mr. Peterson has 23 years of professional experience in communications, 16 of which have been with the nuclear energy industry. At NEI, he also has served as senior director for external communications and led the activities of three major communications groups at NEI: media relations and advertising; coalition and outreach; and government communications.

Before joining NEI, Mr. Peterson was director of communications for the American Nuclear Energy Council, a government relations organization for the nuclear energy industry and one of three groups merged in 1995 to form the Nuclear Energy Institute. He also served as a senior media relations representative at Illinois Power and was a reporter and columnist at newspapers in Virginia, North Carolina and South Carolina.

Mr. Peterson received his bachelor's degree in journalism from the University of North Carolina. He has completed the Reactor Technology Program for Utility Executives at MIT.

Pradel

Phillippe Pradel was appointed Director of the Nuclear Energy Division of the French Atomic Energy Commission (CEA) in 2005. He is in charge of the nuclear energy sector. Previously Mr. Pradel worked for COGEMA, which he joined in 1987 as manager of start-up testing for plutonium extraction and vitrification facilities of the UP3 Treatment Plant at La Hague. Then he successively became Technical Director, Treatment Division Director, Treatment Business Unit Director and in 2003, Senior Executive Vice President of COGEMA, in charge of Treatment, Recycling and Logistics. He began his career with the French Atomic Energy Commission (CEA) as a research scientist on the Superphenix liquid metal fast breeder reactor and was part of the team that started up that reactor.

Philippe Pradel, a graduate of France's leading engineering school *Ecole Polytechnique*. He lives in Versailles with his wife and their three children.

Raepsaet

After 15 years of experience in core physics and nuclear system design at CEA-DEN (Nuclear Energy Division) of Saclay, Xavier Raepsaet is a Senior Expert. Involved at the outset in fusion technology related studies, in the areas of tritium management and recovery in a fusion reactor, he has then been working on PWR accidental transient simulations and on varied advanced reactor concepts, such as space and naval propulsion reactors. More recently, he worked on the High Temperature Gas-cooled Reactor modelling, for design applications and fuel cycle studies.

He is presently project leader of two CEA's projects. One is related to the waking state activities ongoing at CEA on the Space Nuclear Power Systems. The other one gathers all the modelling aspects and calculation tools developments needed in support of the High Temperature Gas-cooled Reactor studies carried out in France in the framework of the Generation IV Nuclear Energy Systems.

Reis

Dr. Victor Reis is currently Senior Advisor in the U.S. Department of Energy, where he is working on the Global Nuclear Energy Partnership, with particular duties relating to strategic planning. He previously had U.S. government positions as Assistant Secretary of Energy for Defense Programs, Defense Department Director of Defense Research and Engineering, Director of the Defense Advanced Research Projects Agency, Assistant Director for National Security and Space in the Office of Science and Technology Policy, Executive Office of the President.

He served as Senior Vice President for Science Applications International Corporation, and Senior Staff Member of MIT Lincoln Laboratory, and as an advisor a number of Department of Energy Laboratories.

He has served on U.S. government advisory panels for the White House, the Defense Department, the National Space and Aeronautics Agency and the Director of Central Intelligence.

He holds a B.M.E degree from Rensselaer Polytechnic Institute, an M.Eng from Yale University and a M.A. and Ph.D from Princeton University, all in Mechanical Engineering.

Reyners

Patrick Reyners is the former Head of Legal Affairs at the Nuclear Energy Agency (NEA), a department of the Organization for Economic Co-operation and Development (OECD).

P. Reyners has published numerous articles, reports and books on the legal aspects of international co-operation and nuclear institutions, safety of nuclear installations and transport, and management and disposal of radioactive waste and nuclear liability. He is a lecturer on various aspects of nuclear law at the OECD summer school on nuclear law and participates in IAEA training courses.

Mr. Reyners obtained a Master of International and Public Law from the Paris Faculty of Law, and received advanced specialized education at the Institut d'Etudes Politiques de Paris, Section of International Relations.

Ritch

Ambassador John Ritch is Director General of the World Nuclear Association (WNA), a position he assumed in 2001. For the previous seven years he was American ambassador to the United Nations Organizations in Vienna, including the IAEA. While in Vienna, Ambassador Ritch focused primarily on strengthening worldwide safeguards against nuclear weapons proliferation and on the nuclear crises with Iraq and North Korea. John Ritch began his career as an Army officer, serving on the DMZ in Korea and in the Pentagon. In 1972 he joined the staff of the Senate Foreign Relations Committee, chaired by Senator J. William Fulbright. Ritch served on the Senate Foreign Relations Committee for 22 years as senior advisor on East-West relations, NATO affairs and nuclear arms control. In private life, Ambassador Ritch has been an entrepreneur, heading an award-winning real estate development company and co-founding a multinational enterprise that markets American nutritional supplements throughout Europe. Ambassador Ritch is a 1965 graduate of West Point, where he was an academic All-American basketball player. He holds an M.A. in politics, philosophy and economics from Oxford University, where he studied as a Rhodes Scholar.

Rockwell

Theodore Rockwell has 60+ years experience in nuclear technology, and is a founding officer of the engineering firm MPR Associates, and of Radiation, Science, and Health, an international public interest group. He worked on the war-time atomic bomb project in Oak Ridge, Tennessee. From 1949-1964 he was Technical Director of Admiral Rickover's program to build the nuclear Navy and the world's first commercial atomic power station under Eisenhower's Atoms for Peace program.

His patents include one listed in "a selection of [27] landmark US atomic energy patents." He was the engineering member of the Advisory Group on the National Artificial Heart Program (1966), and worked at the Johns Hopkins School of Advanced International Studies on nuclear proliferation research (1965-68). He chaired the Atomic Industrial Forum's Reactor Safety Task Force (1966-72), was Consultant to the Joint Congressional Committee on Atomic Energy (1967), and Advisor to Princeton University Engineering School (1966-1972).

He edited *The Reactor Shielding Design Manual*, authored *The Rickover Effect* and *Creating the New World*, and co-authored *Arms Control Agreements: Designs for Verification* used in US-USSR talks at the White House. He co-authored *The*

Shippingport Pressurized Water Reactor, cited by the American Library Association as "one of the best technical books of 1958."

His popular articles include "Frontier Life Among the Atom Splitters" (*SatEvePost*, Dec 1, 1945), "Bred for Fury," (first color stroboflash pictures of fighting cocks in action; *True*, July 1946), "Heresy, Excommunication and Other Weeds in the Garden of Science" (*New Realities*, Dec 1981), and "Vice Versa," three one-act plays.

Rockwood

Laura Rockwood is a Principle Legal Officer, and Section Head for Non-Proliferation and Policy-making, in the Office of Legal Affairs of the IAEA, where she has served since 1985. Her primary areas of responsibility are safeguards and non-proliferation. She provides legal support to the Department of Safeguards, as well as to the Iraq Nuclear Verification Office (INVO, formerly the Action Team) established to carry out Agency activities pursuant to United Nations Security Council resolutions related to Iraq's nuclear weapons programme. She has also participated in the last four conferences of the States Parties to the Treaty on the Non-Proliferation of Nuclear Weapons (NPT).

Ms. Rockwood has been involved in the negotiation, interpretation and implementation of IAEA safeguards agreements (including those concluded with Iran, Libya, North Korea and South Africa), and was the principal author of the document that became the new legal instrument developed to strengthen IAEA safeguards, the Model Additional Protocol. She has also been involved in the trilateral negotiations between the IAEA, the Russian Federation and the United States of a draft agreement for the verification of materials released from weapons programmes.

Ms. Rockwood received a BA in Social Sciences from the University of California, Berkeley, and a Juris Doctor from Hastings College of the Law, San Francisco. She is a member of the California and Washington, DC bars.

Sackett

Dr. John. I. Sackett is an Affiliate Faculty Member in the College of Engineering at Idaho -State University. Previously, as Associate Laboratory Director at Argonne National Laboratory, Dr. Sackett had overall authority and responsibility for Engineering Research at Argonne National Laboratory. The scope of his responsibility encompassed managing a combined staff of approximately 1,150 employees and a budget of approximately \$150M for energy technology programs, including nuclear energy, national security, space nuclear, Generation IV Nuclear Energy Systems, and energy conversion technologies, including hydrogen.

His career at Argonne National laboratory spanned 35 years during which he established an international reputation in reactor design, reactor safety and fuel recycle. He is recognized as an originator of reactor designs that emphasize inherently-safe response to upsets, an important foundation for Generation IV advanced reactor systems.

In one of his most significant scientific contributions to nuclear reactor R&D and demonstration, Dr. Sackett provided leadership for the landmark inherent safety demonstration tests at the Experimental Reactor-II in 1986. The reactor was subjected to loss-of-flow (LOF) and loss-of-heat-sink (LOHS) without scram and passive safety system components safely shut the reactor down with no operator involvement.

Dr. Sackett is a native of Idaho. He attended the University of Idaho, where he graduated with a B.S. degree in mechanical engineering, and the University of Arizona where he graduated with a PhD degree in nuclear engineering.

Salvatores

Dr. Massimo Salvatores serves in the dual role of scientific advisor for the Engineering Research Division at Argonne National Laboratory and scientific advisor to the Director of the Nuclear Energy Division of the Commissariat à L'Energie Atomique (CEA).

After theoretical and experimental research at the Italian Atomic Energy Commission and at Argonne National Laboratory, he headed the physics laboratory at CEA in charge of the SUPERPHENIX startup experiments. He then headed their Reactor and Fuel Cycle Physics Division.

In the 1990s, he chaired the Nuclear Science Committee and the Joint Evaluated Nuclear Data File (JEF) project of the OECD-NEA. Dr. Salvatores has led numerous national and international studies of plutonium management and recycling, and of partitioning and transmutation technology.

Salvatores is a member of the Scientific Council of the CEA. In 2002, he was awarded the "Grand Prix Ampere" of the French Academy of Sciences and the American Nuclear Society (ANS) Nuclear Technology Award. He is a Fellow of ANS.

Dr. Salvatores has written more than 200 articles on various aspects of reactor physics and nuclear fuel cycles. He has also served as Professor at the National Institute for Nuclear Sciences and Technology (INSTN) and teaches courses at the Ecole Nationale Supérieure de Chimie in Paris. He holds a PhD in physics from the University of Turin (Italy).

Stoiber

Carl Stoiber is an attorney and consultant, specializing in international nuclear law and policy. For some thirty years, he served in senior positions in the United States government dealing with nuclear affairs. In the Department of State he directed three offices: Nuclear Non-proliferation Policy; Nuclear Safeguards and Technology; and Nuclear Export and Import Control. He was Assistant General Counsel at the Arms Control and Disarmament Agency. At the U.S. Nuclear Regulatory Commission he served as Deputy General Counsel and later as Director of International Programs. He was also Counselor for Nuclear Policy at the U.S. Mission in Vienna. As a consultant he has conducted legislative assistance projects for the IAEA in over twenty countries. He is co-author of the IAEA *Handbook on Nuclear Law*, and is a lecturer at the International School of Nuclear Law at the University of Montpellier (France). Carl is also a freelance cartoonist and member of the American Association of Editorial Cartoonists. An accomplished mountaineer, Carl has recently climbed major peaks in India (Sikkim), China (Tibet), Argentina (Aconcagua), Mexico (Orizaba) and the Alps (Mt. Blanc). A native of Colorado, Carl holds degrees from several universities, including: Colorado (B.A. and J.D.), London (LL.M.) and Hague Academy of International Law (Diploma).

St Pierre

In 2004, Sylvain St. Pierre joined the World Nuclear Association (WNA) – the trade association of the worldwide nuclear industry, based in London, UK. He oversees environmental, radiological protection, waste management and decommissioning matters for WNA. He also is responsible for the development of policy statements on other Association issues. Mr. St. Pierre is on loan from Areva, the parent company to Cogema, which he joined in 2000. Working at the head office in Paris, France, he headed radiation protection for company-wide operations in the nuclear fuel-cycle business, including mining, conversion, enrichment, fuel fabrication, and reprocessing.

Previously, Mr. St. Pierre worked for a Canadian environmental expert-consulting firm in Toronto where he conducted environmental, radiological protection, waste management and decommissioning assessments and other projects for a wide range of international and national clients from both nuclear and non-nuclear sectors. From 1998 to 2000, he worked for the uranium mining and milling operations of Cogema Resources in northern Saskatchewan, Canada, where he was head of radiation protection for challenging new high-grade uranium-ore operating sites and for decommissioned sites.

Mr. Saint-Pierre graduated in Physics Engineering from Ecole Polytechnique of Montreal, Canada, in 1989.

Stratford

Richard J. K. Stratford is the Director of the Office of Nuclear Energy Affairs in the Bureau of Nonproliferation, U. S. Department of State. He is responsible for guidance on international nuclear affairs, nuclear safeguards, nuclear export control policies, nuclear cooperation agreements and international initiatives on nuclear energy technology. He frequently has served as a U.S. delegate to meetings of the IAEA Board of Governors and the General Conference.

Mr. Stratford is the U.S. Head of Delegation to the Nuclear Suppliers Group (NSG) and the NSG's Dual-Use Regime, and to the NPT Exporters Committee. He also was the U.S. Head of Delegation and chief negotiator of the Nuclear Safety Convention and the Convention on the Safe Management of Spent Fuel and Radioactive Waste.

From 1987 to 1983, Mr. Stratford was the Deputy Assistant Secretary of State for Nuclear Energy and Energy Technology Affairs in the Bureau of Oceans and International Environmental and Scientific Affairs. From 1982 to 1987, Mr. Stratford was the Executive Assistant to the Ambassador-at-Large and Special Adviser to the Secretary on Non-Proliferation Policy and Nuclear Energy Affairs.

Prior to his service in the Department of State, Mr. Stratford, a lawyer, was an associate with the Washington law firm of Hogan & Hartson dealing primarily with energy regulatory and development matters. From 1975-78, he was Special Council with the Nuclear Regulatory Commission.

Mr. Stratford received his B.S. degree in Public Administration from Georgetown University in 1970, and his J.D. from American University in 1974.

Tonhauser

Mr. Wolfram Tonhauser is the Section Head of the Nuclear and Treaty Law Section, in the Office of Legal Affairs of the International Atomic Energy Agency (IAEA) and in this capacity he is responsible for, inter alia, nuclear and international law matters in that office. He has served as scientific secretary to a number of international forums concerned with nuclear safety, radioactive waste management, radiation protection, the safety of research reactors, the safety and security of radiation sources and the safe transport of radioactive material.

He is a co-author of the IAEA's Handbook on Nuclear Law, published in 2003, as well as the coordinator of the IAEA's Nuclear Legislative Assistance activities, providing assistance to IAEA Member States in the drafting of nuclear legislation.

Mr. Tonhauser received and completed his legal training (First and Second State Examination in Law) in Germany.

Viktorsson

Mr Christer Viktorsson is since 2005 Section Head of Policy and Programme Section, Nuclear Installations Safety Division, International Atomic Energy Agency (IAEA) in Vienna. At the IAEA, he works with policy issues related to the IAEA's role in the Global Nuclear Safety Regime. Also, he runs the IAEA programme in the area of safety culture.

Mr Viktorsson is Swedish, and was between 1995 and 2005, Deputy Director General of the Swedish Nuclear Power Inspectorate (SKI). In that role he managed the Office of Reactor Safety at SKI regulating and overseeing the nuclear safety of the Swedish nuclear installations.

Before coming to SKI, he was for 6 years serving the Radiation Protection and Waste Management Division at the OECD Nuclear Energy Agency in Paris. He started his nuclear career by doing inservice inspections in nuclear power plants and was also for many years employed by the Swedish Radiation Protection Authority (SSI). At the SSI he worked with occupational exposure in nuclear power plants and emergency planning and response for nuclear accidents.

Mr Viktorsson is nuclear physicist from Abo Academy, Finland.

Vorosmarty

Charles Vorosmarty is the Director of the Water Systems Analysis Group and Director of the Complex Systems Research Center, both in the Institute for the Study of Earth, Oceans and Space at the University of New Hampshire. He is also a Research Professor at the University of New Hampshire.

Dr. Vorosmarty has served on numerous national and international committees, most recently the National Research Council Panel on Water Resources and the Global Hydrologic Cycle of the Earth Science Observations from Space Study. He has coauthored 41 articles in the past five years and contributed to five books in the past 10 years.

Dr. Vorosmarty received a BS degree from Cornell University in Biological Sciences, an MS in Civil Engineering and PhD in Engineering Systems Design from the University of New Hampshire.

Waltar

Dr. Alan E. Waltar currently serves as Senior Advisor to the Pacific Northwest National Laboratory (PNNL) in Richland, WA, having recently retired as Director of Nuclear Energy. He was Professor and Head, Nuclear Engineering, Texas A&M University from 1998 to 2002, where he helped to build that program into the nation's largest Department of Nuclear Engineering.

Dr. Waltar served as President of the 16,000-member American Nuclear Society during 1994-1995. He was elected a Fellow of the Society in 1984. He holds a B.S. in electrical engineering (University of Washington), an M.S. in nuclear engineering (MIT), and a Ph.D. in engineering science (University of California, Berkeley).

His distinguished career with Westinghouse Hanford Company included leadership positions in several areas of advanced reactor technology. He served on the faculty at the University of Virginia where, with Professor Albert Reynolds, he co-authored the FAST BREEDER REACTORS textbook. In addition to organizing numerous international technical conferences, Dr. Waltar has published over 75 open literature scientific articles.

Dr. Waltar authored AMERICA THE POWERLESS: Facing Our Nuclear Energy Dilemma, in 1995 and has just published his newest book, RADIATION AND MODERN LIFE: Fulfilling Marie Curie's Dream, which articulates the enormous beneficial uses of radiation to society.

White

Andrew C. White (Andy) was named President and CEO of GE Energy's nuclear business, headquartered in Wilmington North Carolina, in January 2003. He has 24 years of experience with GE.

White received his Bachelor of Science degree in Electrical and Electronic Engineering from Bath University, UK. In 1981, White joined GE as an Electrical Engineer in London, England. He has a wide range of experience in Energy Products, Technology and Services, having served as General Manager of Asia Services, General Manager of Global Operations & Maintenance Services and General Manager of Installation and Field Services.

Yanev

Dr. Yanko Yanev obtained an MSc in Nuclear Chemistry and a PhD in Environmental Radiochemistry from the University of Sofia. For over 20 years he was Professor in Nuclear Chemistry and Head of the Radiochemical Laboratory of the University of Sofia. In 1991, he was appointed Chairman of a Government Commission to review the nuclear power industry in Bulgaria. He served as President of the State Committee on the Use of Atomic Energy for Peaceful Purposes from 1991 to 1996 (the Bulgarian Atomic Energy Commission) and Vice Chairman of the IAEA's Board of Governors.

He took the post of Programme Liaison Officer in the Department of Nuclear Energy at the International Atomic Energy Agency (IAEA) in 1998. In 2001, he was appointed Acting Section Head of the International Nuclear Information System (INIS) and has been the Agency's crosscutting coordinator for Nuclear Knowledge Management since 2002. Currently he is the Head of the Nuclear Knowledge Management Unit.

Yanev's fields of expertise cover: environmental radiochemistry, nuclear chemical engineering, nuclear power and nuclear safety, nuclear and energy regulation. He has authored or co-authored more than 100 scientific papers and conference reports and served on a number of international committees including co-chairing Committee III on the Conference for the Extension of the Treaty for the Non-Proliferation of Nuclear Arms (New York, 1995).