

NUCLEAR SKILLS TRAINING

Sharing UK and Canadian perspectives

March 6&7, 2006

MaRs Collaboration Centre, 101 College Street, Toronto, Ontario, Canada

Objective: A workshop to share best practice and investigate possibilities for UK/Canada collaboration in nuclear skills training

Day 1: Monday, March 6, 2006

8:45 Arrival

9:00 Welcome
David Reddaway, British High Commissioner

9:10 Session 1: Introduction to the UK and Canada - the political environment for nuclear power and overview of skills situation.
Keith Parker, Chief Executive Officer, Nuclear Industries Association, UK
Duncan Hawthorne, President and Chief Executive Officer, Bruce Power, Canada

Questions moderated by: **Martin Hill**, Counsellor, Economic, Science and Trade, British High Commission

10:10 Coffee

10:25 Session 2: University Networks and Courses.
R.M. Mathur, President, UNENE, Canada
Jon Billowes, Deputy Director, Dalton Institute, UK
George Bereznai, Dean of Energy Engineering and Nuclear Science, University of Ontario Institute of Technology, Canada
Robin Grimes, Imperial College, UK

Questions and discussion moderated by: **Bill Garland**, Professor of Nuclear Engineering, McMaster University and UNENE Program Director and Secretary / Treasurer

12:15 Lunch

13:15 Session 3: How do we make the nuclear sector a more appealing career option?

- Young person's perspective
Becky Ferris, Chair, BNES Young Generation Network, UK
Brent Williams, Young Generation Representative, Canadian Nuclear Society

- National Strategies for overcoming skills shortages
Colin Mitchell, Department of Trade and Industry, UK
Pierre Guimond, Canadian Nuclear Association, Canada

Questions and discussion moderated by: **Julia Hinde**, First Secretary Science and Technology, British High Commission

15:00 Coffee

15:15 Session 4: Industrial Skills Training - Decommissioning and Waste Management

Nigel Couzens and **Neil Smart**, Nuclear Decommissioning Authority, UK
Syed Rizvi, Manager, Staffing and Training, Ontario Power Generation, Canada
John Roberts, Manager, Immobilisation Science Laboratory, University of Sheffield, UK
David Shoemith, Professor, University of Western Ontario, Canada

Questions and discussion moderated by: **Sean Russell**, Technical Adviser, Nuclear Waste Management Organisation, Canada

16:30 Summary of day

R.M. Mathur, President, UNENE, Canada

16:45 Close

18:30 Reception hosted by **Nicholas Armour**, British Consul General in Toronto
Reception to be held at: 123 Dunvegan Road, Toronto

NUCLEAR SKILLS TRAINING

Sharing UK and Canadian perspectives

March 6&7, 2006

MaRs Collaboration Centre, 101 College Street, Toronto, Ontario, Canada

Day 2: Tuesday, March 7, 2006

8:45 Arrival

9:00 Welcome

Louise Rousseau, Counsellor, Energy, Resources and Mining, Canadian High Commission, London

9:05 Session 5: Industrial Skills Training: Reactor Technology

Jerry Hopwood, Advanced CANDU Technology, AECL

Paul Howarth, Head of Group Science and Skills Strategy, BNFL

Questions and discussion moderated by:

9:50 Session 6: Nuclear R&D: funding initiatives

Robert Heathman, Engineering and Physical Sciences Research Council (EPSRC)

Andre Isabelle, Director, Environment and Natural Resources Division, Natural Sciences and Engineering Research Council (NSERC)

Questions and discussion moderated by: **Roger Newman**, University of Toronto

10:30 Coffee

10:50 Session 6 (cont): Nuclear R&D: facilities and programs

Sylvana Guindon/ Steve Bushby, Natural Resources Canada

Simon Walker, Imperial College, London

John Luxat, McMaster University, Canada

Simon Biggs, Director, Nexia Solutions/Leeds University Research Alliance in Particle Science and Engineering, UK

Questions and discussion moderated by: **Nick Stuart**, Head of Science and Technology, UK Trade and Investment

12:15 Lunch

13:15 Session 7: Opportunities for research collaborations.

Participants with active research programmes have maximum of 5 minutes for an 'elevator pitch' of their research (powerpoint slides not necessary).

Questions moderated by: **Jean Koclas**, Ecole Polytechnique, Montreal

2:30 Coffee

3:00 Session 7 (cont): Opportunities for research collaborations. Participants with active research programmes have maximum of 5 minutes for an 'elevator pitch' of their research.

Questions moderated by: **Rick Holt**, Queens University

4:00 The way forward. **Paul Howarth**, Head of Group Science and Skills Strategy, BNFL

4:30 Close