

Interregional Workshop on Leadership and Management for Introducing and Expanding Nuclear Power Programmes

August 10-21, 2015

Hosted By: International Programs Section
Argonne National Laboratory
international.anl.gov





THE PURPOSE

Training

PURPOSE

To help decision makers and those responsible for developing and implementing a nuclear programme in emerging nuclear power States obtain knowledge and develop the skills and abilities needed for success in this undertaking.

FOCUS

- Providing knowledge of 19 infrastructure issues
- Sensitizing participants about specific processes, organization and management systems
- Strengthening the networking among emerging nuclear power countries
- Sharing international experiences and best practices



Participants and Lecturers of this course visited the DC Nuclear Power Plant in Bridgman, MI
Photo Credit: Kun K., Argonne National Laboratory

THE COURSE

Welcome to Argonne National Laboratory

Introduction
to Argonne



Safety at
Argonne



The Lecturers and Staff

Course Leaders: Joe Braun, Argonne National Laboratory

Program Manager: Sunaree Hamilton, Ph.D., Argonne National Laboratory



Halil Avci



Sandra Bittner



Larry Boing



Susan Brissette



Kevin Carrabine



Christopher Colbert



Guenter Conzelmann



Mark Cunningham



Dennis DeMoss



Walt Deitrich



Austin Grelle



Patrick Hertzell



The Lecturers and Staff (cont.)



Bruce Hamilton



C.M. Launi



Luis Lederman



Paul M. Murphy



Mark Nutt



Michael Quinn



Chuck Roche



Roger E. Spinnato



Carlton Stoiber



Gary G. Young



Joe Braun, Argonne National Laboratory

Course
Leader



Anne Starz, International Atomic Energy Agency

Introducing
Nuclear Energy
and Infrastructure
Development



Luis Lederman, International Atomic Energy Agency

Management
Systems

Poweria
Based
Exercises

Siting Issues



Bruce Hamilton, Argonne National Laboratory

Role of Nuclear Energy in Baseload Planning

Financial Modelling

Human Resources Development



Carlton Stoiber

Overview of
the NRC

International
Legal
Framework



Mark Cunningham, Bayside Risk Management

Building a
Regulatory
Framework

Key Elements
Found in a
Regulatory Body



Guenter Conzelman, Argonne National Laboratory

Energy &
Sustainable
Development



Dennis DeMoss, Sargent & Lundy, LLC

Major Design
Features

Management
and Oversight
of NPP
Construction



C.M. Launi, Sargent & Lundy, LLC

Technology
Assessment
(PWRs)



Austin Grelle, Argonne National Laboratory

Poweria
Based
Exercise

Knowledge
Management

Knowledge
Management
Exercise



Patrick Hertzelt, Argonne National Laboratory

Poweria
Based
Exercise

Knowledge
Management

Knowledge
Management
Exercise



Photo Credit: LinkedIn, Patrick Hertzelt



Kevin Carrabine, Exelon Nuclear Partners, LLC

Models,
Managing &
Leading Large
Projects



Christopher Colbert, NuScale Power, LLC

SMR
Concept



Sandra Bittner, Arizona Public Service

NPP Cyber
Security



Charles Roche

Intro to Safety &
Security of Nuclear
Facilities

State Systems of
Accounting and
Control of Nuclear
Material (SSACs)



Michael Quinn

Stakeholder
Involvement

Public
Communications

Exercise on
Stakeholder
Involvement



Susan Brisette, Bruce Power

Canadian
Perspective-
Management
Systems and HR

IAEA Safety
Standards

Management
Principles and
Practices



Farid Berry, Sargent & Lundy, LLC

Role of Owner's
Engineer in Project
Development &
Management



Paul Murphy, Milbank, Tweed, Hadley & McCloy LLP

Finance,
Contracting,
Ownership a
NPP



Roger Spinnato, INPO International

Intro to
INPO and
WANO



Gary Young, Entergy Services, Inc.

Criteria for NPP
Selection

Project
Feasibility and
Management

Construction
Technology and
Management



Mark Nutt, Argonne National Laboratory

Nuclear
Waste
Management



Photo Credit: Argonne National Laboratory



Larry Boing, Argonne National Laboratory

Decommissioning
Issues and
Challenges



Halil Avci

Environmental
Impact
Assessment



THE PARTICIPANTS



Valeria
Cañadas
Argentina





Santiago
Clavijo
Argentina





Syed Masud
Rana
Bangladesh





A.K.M.
Zakaria
Bangladesh





Marcelo
Gomes da
Silva
Brazil





Zhi Wang
China





Luka Alujevic

Croatia





Arnold
Kovács
Hungary





Mihaly
Lehota
Hungary





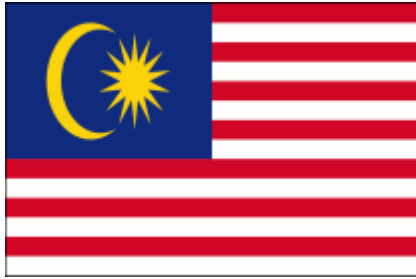
Venesiana
Dewi Koraag
Indonesia





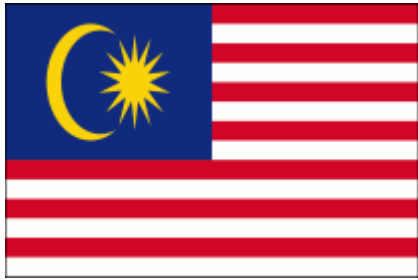
Yasmin
Quftan
Shlash Majali
Jordan





Fedrick
Charlie
Matthew
Brayon
Malaysia





Jonathan
Thiam Lye
Tan
Malaysia





Roberto
Carmona
Hernández
Mexico





Wojciech
Spiewak
Poland





Irina
Iordache
Romania





Cornelia
Paraschiv
Romania





Velenkosini
Mjadu
South Africa





Viktor Szabo
Slovakia





Miroslav Zilka
Slovakia





Y Ranjit
Perera
Hettige
Sri Lanka





Kannangara
Liyanage
Rishantha
Chandana
Wijayasinghe
Sri Lanka





Narin
Phoawanich
Thailand





Oya Özdere
Gülol
Turkey





The Vinh Doan Vietnam





Quang Dong
Quach
Vietnam





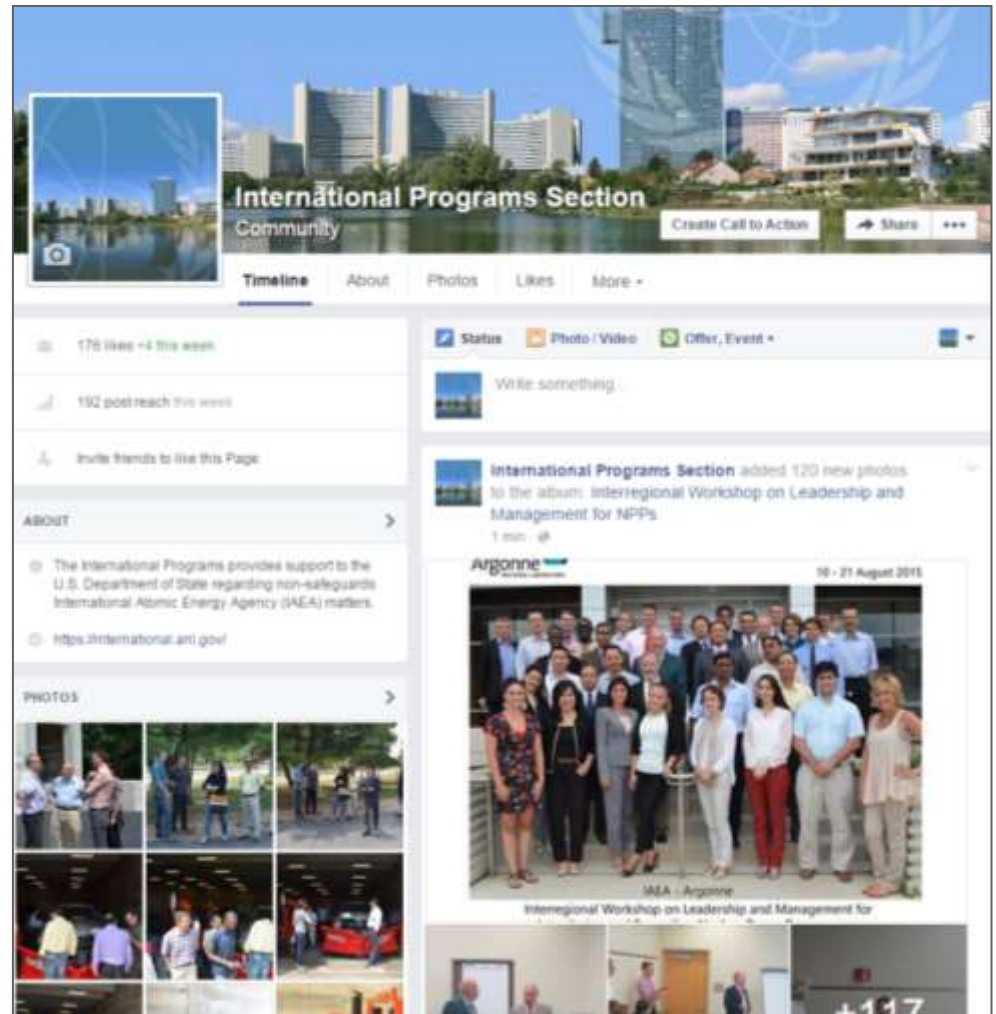
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THANK YOU