

Practical Training Course on Planning and Implementation of Nuclear Facility Decommissioning and Remediation of Radioactively Contaminated Sites

April 13-24, 2015

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



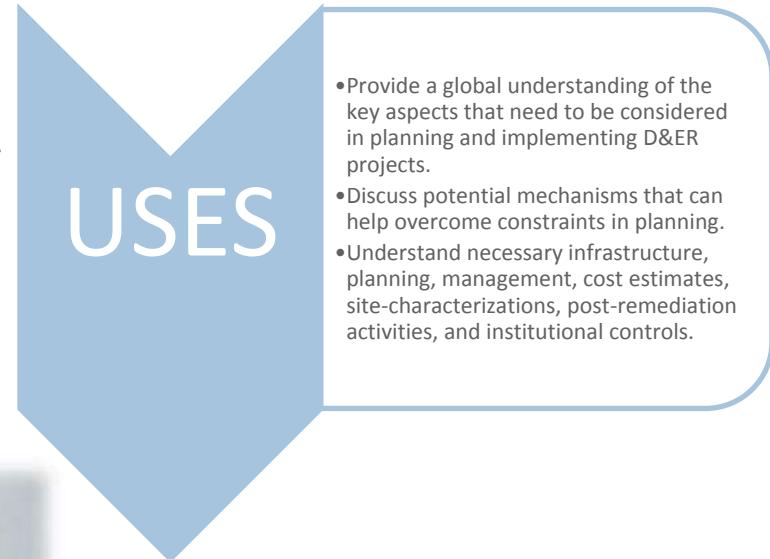


THE PURPOSE

Training

PROJECT

Regional Project INT9175 “Promoting Safe and Efficient Clean-Up of Radioactively Contaminated Facilities and Sites”



Fukushima Daiichi Nuclear Power Station, Tokyo,
Japan (February 2015)
Photo Credit: Susanna Loof/ IAEA

- Provide a global understanding of the key aspects that need to be considered in planning and implementing D&ER projects.
- Discuss potential mechanisms that can help overcome constraints in planning.
- Understand necessary infrastructure, planning, management, cost estimates, site-characterizations, post-remediation activities, and institutional controls.

THE COURSE

Welcome to Argonne National Laboratory

Introduction
to Argonne



Safety at
Argonne



The Lecturers and Staff

Course Leaders: Larry Boing, Argonne National Laboratory &
Karen Smith, Argonne National Laboratory

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



Peter Booth



Joseph E. Carignan



Rick Demmer



Douglas G. Draper



Lisa Durham



Tom Hansen



Eugene Jablonowski



Robert Johnson



Andrew Lombardo



David LePoire

The Lecturers and Staff



Louis Martino



Dustin Miller



Horst Monken-Fernandes



Lawrence Moos



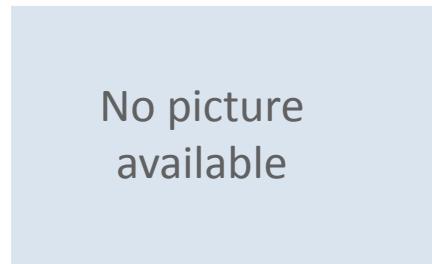
Jean-Guy Nokhamzon



Young Soo Park



Vern C. Rogers



Donald E. Williams Jr.



Charley Yu

Lawrence E. Boing, Argonne National Laboratory

IAEA Networks &
Resources

Intro to
Decommissioning

Waste
Management

Dismantling
Techniques



Karen P. Smith, Argonne National Laboratory

Determining
End States and
Future Site Uses



Horst Richard Monken-Fernandes, International Atomic Energy Agency

IAEA Cider
Project



Peter Booth, Hylton Environmental

IAEA
Networks &
Resources

Lifecycle
Management
Framework

Stakeholder
Engagement

Conceptual
Site Models



Joseph E. Carignan

Cost
Estimation and
Contracting



Rick Demmer, Idaho National Laboratory

Decontamination
Technologies



Douglas G. Draper, ES&H Professional Services

Material
Clearance

Records

Safety
Assessment



Lisa Durham, Argonne National Laboratory

Site
Closure



Tom Hansen, Ameriphysics, LLC.

Environment,
Safety, & Health
Issues

Building
Characterization

Final Status
Surveys



Eugene Jablonowski, US Environmental Protection Agency

Site
Characterization



Robert Johnson, Argonne National Laboratory

Environmental
Site
Characterization
Measuring
Radionuclides in
the
Environment

Surface Soils



Andrew Lombardo, Perma-Fix Environmental Services, Inc.

Plum Brook
Research
Reactor



David LePoire, Argonne National Laboratory

RESRAD
(Onsite)
Demo

RESRAD-
BUILD



Louis Martino, Argonne National Laboratory

Remedial
Action
Alternatives

ER Cost
Estimation



Dustin Miller, J.G. Management Systems, Inc.

University of
Buffalo
Research
Reactor D&D



Lawrence Moos, Argonne National Laboratory

Argonne
Case Study



Jean-Guy Nokhamzon, CEA/DEN/DADN

French Waste
Clearance
Process



Young Soo Park, Argonne National Laboratory

Remote
Systems



Vern C. Rogers, Energy Solutions, Inc.

Waste
Disposal



Donald E. Williams, Jr., ZionSolutions/Energy Solutions, Inc.

Zion Nuclear
Power Plant
Decommissioning



Zion Status Update

Nick Williams – VP Rad/Environmental



Charley Yu, Argonne National Laboratory

RESRAD
(Onsite)
Demo

RESRAD-
BUILD



THE PARTICIPANTS



Aysel
Hasanova
Azerbaijan





Flavia Brandao Brazil





Peter
Marshall
Fleming
Brazil





Flavia Vieira Brazil





Xuegang Liu
China





Kristel Kilk

Estonia



Zsolt
Sebestyen
Hungary





Budi Setiawan Indonesia





Qusay
Abdulwahhab
Abdulhadi

Iraq





Anwar
Abdulfattah
Ahmed
Iraq





الله اكبر

Haydar Ahmed Al-Najar Iraq





Alexandr Moshkov

Kazakhstan





Marat
Stamkulov
Kyrgyzstan



Inese Martinsone Latvia



Voldemars Polis Latvia





Rima Ladygiene Lithuania





Esther Phillip

Malaysia





Juan Alberto
Salmeron Vergara
Mexico





Romelda Azores **Philippines**





Alfonso Singayan Philippines





Tatyana Rakitskaya

Russian Federation





Dalibor Arbutina Serbia





Zuzana
Cisarova
Slovakia





Vladimir Jurina **Slovakia**





Adela Mrskova **Slovakia**





Azimjon Barotov Tajikistan





Begmurot Boboev Tajikistan





Thomas Ocilaje Uganda





Volodymyr Datsenko Ukraine



Stanislav Matakov Ukraine





Mushaukwa
Liswani
Kabuku
Zambia



13 - 24 April 2015



IAEA - Argonne

Practical Training Course on Planning and Implementation of
Nuclear Facility Decommissioning and Remediation of
Radioactively Contaminated Sites



Like

<http://www.facebook.com/IPSection>

Want to see more photos from the course?

Visit and “like” our Facebook page.

The screenshot shows the Facebook profile page for the International Programs Section. The cover photo features a modern building complex with a large glass tower and a globe graphic. The page name is "International Programs Section Community". Below the cover photo, there's a timeline tab and other navigation links like About, Photos, Likes, and More. A sidebar on the left shows "PEOPLE" (87) and "ABOUT" (with a link to <https://international.pvt.gov>). The main content area displays a post from March 25-27, 2015, about IAEA-Argonne Fellowship Training on Accidents and Audits in Radioactive Materials, which has received 100 likes. It includes a large photo of a group of people standing in front of a banner that says "IAEA - Argonne Radiation Training on Accidents and Audits in Radioisotopes" and "223".

THANK YOU