Nuclear Energy Regulation:
Licensing, Siting, Inspection, and Public Outreach

A Training Course

Washington, DC
April 26 - 30, 2010



All Course Participants Receive A Laptop Computer!

COURSE HIGHLIGHTS:

- Learn why nuclear energy is now a viable economic and environmental alternative
- Become familar with best practices in regulating nuclear power plants
- Learn from leading nuclear engineers, plant operators, and US regulators
- Learn first-hand how to develop a viable and safe nuclear power plant
- Develop checklists for construction and operations of nuclear plants
- Develop your own *Action Plan* to implement a nuclear energy program in your organization
- Network and build professional relations with your fellow participants and leading alternative energy experts, nuclear regulatory specialists, commissioners, and leading nuclear energy engineers

REGISTER ONLINE!
www.ip3.org

"Many countries have proved, for decades, that nuclear energy is a clean and reliable source of energy. However, the regulatory issues regarding safety and disposal, as well as construction and operations are significant. As more countries look to alternative energy and diversification, understanding the issues in investing and regulating nuclear energy will be paramount."

Matthew Hensley
President
IP3

Course Sponsor

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Course Learning Objectives

World demand for energy is likely to grow dramatically over the next 25 years, at around 50% or more, with most of that demand coming from emerging markets. It is not sustainable for 80% of the world's energy supply to come from fossil fuels. Rising prices, energy security concerns, dwindling supplies, and climate change require immediate action to develop alternative and clean sources of energy. Many countries are looking at nuclear energy to meet a substantial part of their own energy supply. However, nuclear energy must be carefully planned and must meet rigorous standards of regulation, licensing, and siting.

Through practical process-oriented sessions on how to establish regulatory rules and regulations, the preparation of licensing and siting standards, and site visits to regulatory agencies, participants in this program will learn how to develop appropriate strategies for nuclear energy planning and regulation in their own countries.

Course Content

Module I: Nuclear Energy as a Viable Alternative to Fossil Fuels

- Understanding the economics of nuclear energy
- Determining the costs and benefits of nuclear energy
- Preparing a clean energy policy and a nuclear component
- Estimating the potential for nuclear power as a source of diversification and energy security

Module II: Nuclear Energy Planning and Regulation

- Determining baseload electricity requirements and lowest cost production
- Planning construction standards and operating requirements
- Estimating financing costs and strategies
- Understanding the environmental and safety issues and pricing them accordingly
- Establishing the regulatory capacity to introduce nuclear energy as a viable option

Module III: Designing Nuclear Energy Regulatory Rules and Requirements

- Best practices in nuclear energy regulation
- Understanding and implementing regulatory policy-making
- Assessing safety and radiation protection
- Preparing licensing and siting procedures and processes
- Regulating operations, conducting inspections, and monitoring disposal
- Regulating pricing and tariff policy

Module IV: Effective Public Outreach

- Conducting transparent public affairs and communications
- Techniques for addressing safety and environmental concerns
- Making nuclear technology and benefits understandable
- Responding to national and IAEA concerns and standards

Module V: Site Visits to US Nuclear Regulatory Commission and US Energy Industry Facilities

Module VI: Action Planning

Who Should Attend

Commissioners, Directors and Key Staff of energy regulatory authorities, agencies, and commissions

Ministry Officials responsible for Clean energy, energy planning, and climate change

Executives and Policy makers from private and public energy companies

Staff of Bilateral and Multilateral International Organizations

Managers and Staff of engineering and finance firms active in alternative energy

Date, Location & Cost

Dates:	April 26-30, 2010
Location:	Washington, DC
Tuition:	$3,250
Course Code:	1009-WA
CEUs Earned:	3.0 CEUs

Technology and Learning at IP3

Since our founding, IP3 has proudly recognized the importance of technology in our capacity building programs. We have provided thousands of participants with laptop computers and relevant software packages which have been integrated into computer-based problem/case study solving exercises; simulated financial, economic, and legal modeling sessions; Internet-based research activities; communication tools; and Action Planning programming. In this course, each participant will receive a new mobile Intel® Pentium® 4 or Celeron® laptop computer to take advantage of this integration of learning technologies offered during the course and after their return to the office.

Institute for Public-Private Partnerships

The Institute for Public-Private Partnerships, Inc. (IP3) is an international training and consulting firm that focuses on advancing public-private partnership programs and opportunities, regulation operations and management initiatives, and competitive utility management reform in the environmental (waste/sanitation and solid waste), energy, transportation, technology, municipal service, health, and education sectors. Since 1994, we have trained over 30,000 professionals from over 150 countries worldwide.

For More Information and to Register:

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