



Interregional Group Fellowship Training on Comprehensive Introduction to Nuclear Power at Nuclear Power Institute



I am involved in the study, development and formulation of policy related to peaceful uses of nuclear energy. With regards to the feasibility study on using nuclear energy for power generation, I am involved in reviewing the draft bill to resolve any issues pertaining to the draft bill by consulting the relevant agencies and ministries.

The Interregional Group Fellowship Training on Comprehensive Introduction to Nuclear Power provided me the knowledge and experience that can assist me on policy formulation. The fellowship was comprehensive and covered a wide range of subjects among others, Human Resource Development, Nuclear Management, Safety Culture, Nuclear Power Reactor Fundamentals, Financing, Nuclear Fuel Cycle, Radioactive Waste and Spent Fuel Management. The site visit to Matagorda County to understand the role of Local Government, Van Vleck High School and Wharton Junior County College to obtain insights of the Nuclear Power Institute outreach programme pertaining to Human Resource Development and the visit to South Texas Project Emergency Operations Centre provided me an opportunity to understand the mechanisms in place for emergency response and the role of the relevant federal and local agencies as responders to a nuclear accident. So, I was able to understand the entire ecosystem of the nuclear power programme which consists of various stakeholders at different level of governance.

By having this knowledge and experience, I can adopt the best practices and apply it in the context of my country, Malaysia where it is appropriate, apart from being able to provide inputs and views for policy formulation and decision making pertaining to Nuclear Power Programme to my Ministry, known as Ministry of Science, Technology and Innovation. The knowledge and experience gained during this fellowship will also be shared with my colleagues.

A key message from this fellowship that I can conclude is that, there are various factors that need to be considered and pre-planned by a new-comer country planning to develop Nuclear Power Programme and the IAEA Milestones Approach based on the IAEA Nuclear Energy Series Document (NG-G-3.1) which was discussed during several sessions of this workshop that emphasises on the 19 infrastructure issues provides a systematic approach to Nuclear Power Programme Development.

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