



Workshop on Nuclear Power Project Management

Tunis, Tunisia: 22 - 26/07/2019

- Place** Hammamet – Tunisia
- Host** The Arab Atomic Energy Agency
- Dates:** 22 - 26/07/2019
- Deadline** 20/06/2016
- Organizers:** The Arab Atomic Energy Agency (AAEA) and League of Arab States (LAS), Department of Energy in Cooperation with China National Nuclear Corporation (CNNC).
- Language:** English, participants should have sufficient proficiency to follow lectures and express themselves without difficulty.
- Background Information:** According to the results of the China – Arab energy cooperation meetings and Memorandum of Understanding between the Arab Atomic Energy Agency and the China Atomic Energy Authority (CAEA) of China, The China National Nuclear Corporation (CNNC) is willing to assist in building the infrastructure of Arab Countries embarking on nuclear power program and help in implementing the 'Arab Strategy for Peaceful Use of Atomic Energy up to 2020' as it has been proposed by AAEA. This workshop will provide a good opportunity for Arab officials and trainees to benefit from the Chinese technology and experience. This workshop comes after conducting 9 training programmes carried out, 6 in China 3 in Tunisia since 2013 under the same framework of cooperation between organizers. A number of Arab countries are either embarking on a new nuclear power programme or building their first nuclear power plant.

Recent experience shows successfully managing nuclear power plant projects is a very challenging task, even for countries with existing nuclear power programmes and previous experience constructing and operating nuclear power plants.

A problem in any one project or region affects the whole nuclear community and the nascent nuclear renaissance. Consequently, there is an abiding need to learn from the experience of others, to share knowledge that can obviate problems.

Put simply, there is a yearning to build capability for successful nuclear power plant project management. Consequently, This workshop will provide a good opportunity for Arab NPP project managers and the decision makers to exchange ideas, information, best practices, lessons learned, etc., on nuclear power plant project management with Chinese experts. Such exchanges or sharing offer Arab States opportunities to learn from China experiences, to enhance their capabilities, and hence to foster better and more successful NPP project management that results in safe, operating nuclear power plants.

Purpose: The purpose of the workshop is to share information and examples of best or proven practices, to enhance the capability of Arab States to better manage their first nuclear power plant (NPP) projects and to share the China experience in this field. The Arab trainees will get a better recognition of nuclear basic theoretical and practical knowledge regarding NP project management through this program.

Scope and Nature: The workshop will consist of presentations and discussions led Experts from China, as well as practical exercises or discussions conducted in parallel work groups facilitated by these experts. A plenary or roundtable discussion will be held at the conclusion of the workshop.

The program will focus on, the following topics:

1. Energy introduction and history of nuclear power development in China: History and current experience of China nuclear power development of NPP in particular the management of the project.

2. CNNC nuclear power design and construction experience: ACP series technology and their chief improvements.
3. Introduction to power project management: infrastructure development programme, site selection, project contract models, life cycle of fuel supply, nuclear safety analysis and systems, accident and risk management, grid and operation management.
4. Bids Invitation and Evaluation.
5. China nuclear safety supervision, regulation and legislation systems.
6. Panel discussions.

Participation: The workshop is open to (25) participants from Arab States.

Participants' Qualification: The workshop is intended mainly for senior personnel and decision makers working in the country national nuclear power program and individuals from future or current operating/owning organizations of power plants and seawater desalinations.

Nomination and Registration Procedure: Nominations or registrations should be submitted on the provided standard AAEA Registration Form. Completed forms should be endorsed by relevant national authorities and returned to the AAEA through the appropriate official channels. The completed nomination or registration forms should be sent to the AAEA Director General, Dr. Salem Hamdi, through the AAEA Official Fax: +216 71 808 450 or E-Mail: aaea@aaea.org.tn, not later than 20/06/2019. Nominations or registrations received after this date or which have not been routed through the established official channels cannot be considered.

Administrative and Financial Arrangement: Nominating Governments or organizations will be informed in due course of the names of the candidates who have been selected and will, at that time, be given full details of the procedures to be followed with regard to administrative and financial matters.

Visas Participants who require an entry visa to Tunisia should submit the necessary application to the nearest diplomatic or consular representative of Tunisia as soon as possible. Invitations will be sent to the accepted participants to facilitate their visa application.