

*Nuclear Regulatory Office
Libya*

*Human resources development at the
Libyan Nuclear Regulatory Office*

Aim of the training program

- The objective of the training program is to provide knowledge and skills to implement an effective regulatory control either in nuclear safety or radiation control

Implementation of the training program

the training program is carried out:

- Internally, with the help of local technical organizations.
- Externally, through the participation in the IAEA sponsored AFRA projects.
- The internal training program is divided into three stages.

Topics covered in first stage

- Nuclear safety:
reactor core configuration ;
reactor engineering systems:
safety features and safety limits
- Radiation control:
Sources and types of radiation;
detection and measurements of radiation;
basic principles of radiation protection .

Topics covered in second stage

- Legislations
- Functions and duties of the Nuclear Regulatory Office.
- Regulatory program in the field of nuclear safety.
- Regulatory program in the field of radiation control.

Topics covered in third stage

- Nuclear safety

Licensing activity related to safety evaluation of design and operation of a nuclear installation,

- commissioning program

- contents of the safety analysis report

- decommissioning program.

use of computer codes to evaluate safety parameters and limits.

- Radiation control

 - Import and export of radioactive sources

 - notification;

 - Registration;

 - licensing;

 - Inspection.