

AAEA Role in Strengthening Nuclear Security Infrastructure in Arab Countries

The Arab Atomic Energy Agency (AAEA) is a regional specialized organization working within the auspices of the League of Arab States to coordinate among its member states in the field of peaceful uses of atomic energy. It contributes also to the transfer of the peaceful nuclear knowledge and technologies to these countries assist in manpower development and scientific information concerning nuclear sciences and set up harmonized Arab regulations for radiation protection, nuclear safety and security and safe handling of radioactive materials.

As the use of nuclear energy expands in Arab countries and due to the growing concern in the region over the potential of nuclear or radiation accidents, risks of illicit trafficking of radioactive sources and their malicious uses as well as the act of terrorism, the Arab Atomic Energy Agency (AAEA) seeks to enhance the Arab national systems of nuclear security and to create an atmosphere of cooperation and coordination between relevant parties in Arab countries to establish a strong national and regional nuclear security regime. This can be achieved only by collective efforts of Arab countries and international community, AAEA may play a key role in this regard. The AAEA assist to enhance the capabilities and capacity of Arab countries to properly prevent, detect and respond to any potential nuclear security threat by strengthening national infrastructures and exchange the relevant information and knowledge and lessons learned.

A well established, effectively independent, technically competent and efficient regulatory body is considered essential for robust nuclear security, AAEA has established the Arab Network of Nuclear Regulators ANNuR to foster enhancement, strengthening and harmonization of the radiation protection, nuclear safety and security regulatory infrastructure and framework among the members of ANNuR; and to provide mechanisms for the ANNuR to be an effective and efficient internationally recognized forum for the exchange of regulatory experiences and practices among the radiation and nuclear regulatory bodies in Arab countries. ANNuR has 8 thematic working groups one of them about nuclear security. The nuclear security working group has its own action plan including training programmes and technical meetings and get assistance and support from IAEA, KINS, US-NRC, US-DoE, and EU.

The AAEA promotes effective coordination and cooperation among Arab and international organizations to ensure synergies and avoid overlapping in the efforts to establish, maintain and evaluate the national nuclear security systems that will contribute to the global nuclear security regime.

State

Other

Gender

Male

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Track Classification: CC: Nuclear security culture in practice with a focus on sustainability