

ARTEMIS Good Practices

Capacity building - Expertise, training and skills

(Topic 7)

FRANCE

Mission Date: 14 to 24 January 2018

Good Practice

The efforts made by the major actors of the radioactive materials and waste management programme in France to establish, to develop and to maintain the necessary and required competence and skills of staff is robust and exemplary.

Observation

A robust training programme is going on in the major actors of the radioactive materials and waste management programme. The relevant principal parties and other parties having specified responsibilities in relation to protection and safety in the radioactive materials and waste management programme ensure that all personnel engaged in activities relevant to their functions as well as protection and safety have appropriate education, training and qualification so that they understand their responsibilities and can perform their duties competently, with appropriate judgement and in accordance with procedures. The Review Team noted that strong knowledge management programmes are in place in the main organizations involved in the radioactive materials and waste management programme. These knowledge management programmes and training activities are implemented either internally or through third party agreements, with adequate technical capacities to master the activities.

Basis

GSR Part 1 Requirement 18, para. 4.13 states that “A process shall be established to develop and maintain the necessary competence and skills of staff of the regulatory body, as an element of knowledge management. This process shall include the development of a specific training programme on the basis of an analysis of the necessary competence and skills...”

GSR Part 2 Requirement 9, para. 4.23 states that “Senior management shall ensure that competence requirements for individuals at all levels are specified and shall ensure that training is conducted, or other actions are taken, to achieve and to sustain the required levels of competence. An evaluation shall be conducted of the effectiveness of the training and of the actions taken.”

GSR Part 3 Requirement 4, para. 2.44 states that “The relevant principal parties and other parties having specified responsibilities in relation to protection and safety shall ensure that all personnel engaged in activities relevant to protection and safety have appropriate education, training and qualification so that they understand their responsibilities and can perform their duties competently, with appropriate judgement and in accordance with procedures.”

GSR Part 5 Requirement 4, para. 3.11 states that “Depending on the complexity of the operations and the magnitude of the hazards associated with the facility or the activities concerned, the operator has to ensure an adequate level of protection and safety by various means, including: ... Ensuring that staff are trained, qualified and competent, and, where applicable, licensed by the regulatory body;...”

IAEA Comments/Highlights

No comments or highlights on this good practice.

Good Practice

The broad-based, collaborative training and development programme for nuclear professionals established in Italy between many entities is an exemplary achievement.

Observation

In spite of not having an operational nuclear power programme, Italy is having a high degree of success in attracting students to a creative integrated development programme that is supported through collaboration of all the major actors in Italy. Overall, this range of coordinated and collaborative training and development opportunities across all technical areas required to support decommissioning and waste management, as well as new nuclear technologies, indicates a significant investment in the future and is to be commended.

Basis

GSR Part 1 (Rev. 1) Requirement 11 states that “The government shall make provision for building and maintaining the competence of all parties having responsibilities in relation to the safety of facilities and activities.”

IAEA Comments/Highlights

No comments or highlights on this good practice.