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Construction of a NDA-Safeguards Training Facility at the ITU Karlsruhe

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In this paper the newly constructed NDA-Training facility at the Karlsruhe site of the Institute for Transuranium Elements (ITU) is presented. Training courses for nuclear Safeguards inspectors from EURATOM and IAEA will be provided. They comprise NDA-techniques for safeguards measurements involving fissile material, e.g. active and passive neutron measurements as well as techniques based on gamma measurements. The laboratory was built as part of the European Nuclear Security Training Centre project (EUSECTRA) which aims at providing security training to prevent the misuse of nuclear material. Nuclear safeguards trainings take place in a specifically dedicated separate lab of this new EUSECTRA facility, where exclusively encapsulated radioactive material is handled. The training courses are embedded in the European Nuclear Safety and Security School (EN3S) of the European Commission, Joint Research Centre and complement NDA safeguards training held at the Ispra site of ITU.

Country or International Organization

European Commission, Joint Research Centre - Institute for Transuranium Elements

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