

Implementing Safety and Security Measures for the Transport of Radioactive Materials in Myanmar

Myanmar has continuously worked to strength national nuclear safety and security infrastructure while attempting to achieve social and economic goals of sustainable development with the peaceful uses of radioactive materials. These materials are usually transported in, out and within the country. The transport of such materials must be operated/handled in a safe and secure manner/process within an adequate nuclear regulatory framework. Myanmar utilizes both legally binding and non-legally binding instruments to manage radioactive materials and activities. Atomic Energy Law governs the import, export, registration, and security of these materials. Myanmar is in the process of drafting a new nuclear law to further strengthen safety, security, and non-proliferation measures, in place of the current atomic energy law. The country is developing regulations for the import and transport of radioactive materials that involves requirements for prior permission, registration, and licensing. Myanmar also regulates the transport of dangerous goods by vehicle through various laws and directives, focusing on safety, security and risk management. The Department of Atomic Energy (DAE) plays as regulatory body with all nuclear safety and security-related activities and appropriate security measures are implemented to provide adequate physical protection for nuclear and other radioactive materials during transport in cooperation and collaboration with all relevant stakeholders. The DAE manages a system for licensing activities and issuing transport certificate related to radioactive materials and technologies. Since global nuclear transport safety and security measures strongly depends on the cooperation and coordination of national, regional and international organizations, the country is part of regional agreements like the ASEAN Framework Agreement to facilitate cross-border transport of goods, including dangerous goods and agreed to develop an ASEAN regional arrangement for information sharing on trans-boundary movement of radioactive material, in order to enhance nuclear security in the region. DAE team members are implementing safety and security measures through coordinated research project with support of IAEA at the local and border areas in the transportation of radioactive materials and also carried out safety and security activities in the transportation of NORM within the country. This paper describes Myanmar efforts to sustaining and strengthening effective and comprehensive legislative and regulatory framework and to address the challenges in establishing of safety measures and developing security measures of radioactive material in use, transport and storage and to integrate safety and security measures during transport and implementing security measures for all transport of nuclear and radioactive materials.

Country or International Organization

Instructions

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Track Classification: Track 1 Legislative and Regulatory Framework for Safe and Secure Transport