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GUIDANCE AND TRAINING FOR NUCLEAR SECURITY IN THE URANIUM EXTRACTION INDUSTRY

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Regardless of its chemical form, uranium ore concentrate (UOC) is a valuable commodity in the commercial nuclear market and a potential target for unauthorized removal. With the global expansion of uranium production capacity, the protection and control of UOC is emerging as a potential link of concern in the nuclear supply chain. In response to requests for assistance from States producing UOC, those planning such activities or involved in the protection of UOC during transport, the IAEA Division of Nuclear Security (IAEA DNS) developed a guidance document TDL-003 “Nuclear Security in the Uranium Extraction Industry” and a subsequent training course led by members of the consultancy team that drafted TDL-003. The publication was prepared in a series of seven consultancy meetings with input from more than thirty experts from ten Member States, including experts from three operating organizations of uranium extraction industry facilities. The publication describes a suggested interpretation of “prudent management practice” in the context of the uranium industry and the information provided is not international consensus guidance, but rather an attempt to show States and organizations that wish to follow the suggested approach how it can be done.

Country or International Organization

Division of Nuclear Security, Nuclear Material and Nuclear Facilities, IAEA

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