

Challenges of development of regulatory control infrastructure for uranium mining in developing countries (Tanzania) to achieve regulatory compliance

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Managing radiation and waste in uranium mining is of paramount importance for the protection of occupational workers, the public and the environment. Responsibilities of the parties which are involved in the part of the Nuclear Fuel Cycle are outlined in the legislations and regulations governing the Uranium prospecting, mining and Processing. Tanzania Atomic Energy Commission as the regulator for radiation and atomic energy have developed regulations for exploration, construction, mining, milling, packaging, transport of yellow cake and decommissioning of uranium mine site in Tanzania . This paper outlines the development of these regulations and compares with the international standards. The paper also reviews and analyses gaps and shortcomings for safe uranium mining in United Republic of Tanzania.

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