

International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle: Exploration, Mining, Production, Supply and Demand, Economics and Environmental Issues - IAEA CN-216

Contribution ID: 1

Type: **Poster**

## Regulatory preparations towards commencement of uranium mining and processing of radioactive ores in Tanzania

*Wednesday, June 25, 2014 5:00 PM (0 minutes)*

The regulatory preparatory work undertaken by the government of the United Republic of Tanzania through the Tanzania Atomic Energy Commission (TAEC) following the Mkuyu River Uranium Project definitive feasibility study is discussed. The project, which has been taken over by ARMZ Uranium One, acquired a construction permit in April 2013, where by 345 km<sup>2</sup> of land inside the 50,000 km<sup>2</sup> world heritage Selous Game Reserve was allocated for the purpose.

The project has been realized through the government effort to strengthen the regulatory framework via the revised Atomic Energy Act No.7 of 2003, preparations of Radiation Safety in Mining & Radioactive Ores Regulations of 2011, and the human resource capacity development in areas related to inspection and licensing. Sample collection in Bahi and Manyoni areas in the central part of the country to investigate Uranium uptake from the plants and radioactivity from water and plant samples is ongoing. The regulatory preparatory work will provide an opportunity to the public to comprehend the measures undertaken by TAEC to protect human health and the environment.

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**Session Classification:** Poster Session

**Track Classification:** Health, safety and environment