

EXECUTIVE SUMMARY

At the request of the Government of United Republic of Tanzania addressed to the International Atomic Energy Agency (IAEA) to conduct an Occupational Radiation Protection Appraisal Services (ORPAS) mission, the Agency organised the ORPAS in the United Republic of Tanzania during 11-15 August 2014 with a Team of three international experts that include a Team Leader and an Agency Coordinator. The Tanzania Atomic Energy Commission (TAEC) acted as the national contact point for the mission.

The purpose of this mission was to appraise the regulatory and practical implementation of the occupational radiation protection arrangements in Tanzania. Prior to this mission, a pre-mission was conducted to determine the participating organizations, arrange for a self-assessment by those organizations using the ORPAS questionnaires prepared by the Agency, and to agree upon the scope and dates of the mission. Accordingly, the organizations participated in the ORPAS mission were; the TAEC (national regulatory authority), one dosimetry service provider (TAEC), one Secondary Standard Dosimetry Laboratory (SSDL) (TAEC), various end-users including, a non-destructive testing company, four hospitals and the maintenance and training services in TAEC.

The review compared the Tanzania's arrangements for occupational radiation protection against the IAEA Safety standards as the international benchmark for protection and safety. The mission was also used to exchange information and experience between the Team members and the Tanzania's counterparts. TAEC provided the review team with advance materials that are relevant to the mission including the self-assessment carried out by the participating organizations.

This report provides the main findings, recommendations, and good practices identified during the mission. Detailed findings for individual facilities or service providers are provided in the Appendices.