

EXECUTIVE SUMMARY

At the request of the Government of the Republic of Ghana addressed to the International Atomic Energy Agency (IAEA) to conduct an Occupational Radiation Protection Appraisal Services (ORPAS) mission, the Agency organized a follow up ORPAS in the Republic of Ghana during 19-23 August 2019 with a Team of two international experts that include a Team Leader and an Agency Coordinator. The Ghana Atomic Energy Commission (GAEC) acted as the national contact point for the mission.

The objective of this mission was to review the implementation status of the recommendations from the ORPAS mission conducted during 5-9 December 2016 in Ghana.

Prior to this mission, a self-assessment by those organizations using the ORPAS questionnaires from which the advance reference materials (ARM) was prepared by the national coordinator, Accordingly, the organizations participated in the follow up ORPAS mission were: one dosimetry service provider (GAEC), one Secondary Standard Dosimetry Laboratory (SSDL) (GAEC), various operators' facilities including, a non-destructive testing company, four hospital facilities and the maintenance services in GAEC.

The purpose of this follow up ORPAS mission was to review the progress made by the Member State in implementing improvements resulting from the ORPAS mission recommendations or suggestions 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 Ghana's counterparts.

This report provides the main findings on the status of implementation for the recommendations in the ORPAS mission report.

The Occupational Radiation Protection Programmes at the operators' facilities are still managed in compliance with the requirements stated in GSR Part 3;

1. The arrangements for provision of technical services still comply with IAEA Safety Standards and other international standards such as those of ISO and IEC.

However, specific set of recommendations and suggestions is directed to GAEC, and the Managements of the facilities that were covered during the follow up ORPAS mission. Detailed of specific findings for the facilities are provided in Appendices I -VIII.