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Egyptian Framework for Implementing Nuclear Forensics Capabilities

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Nuclear forensics is the examination of nuclear or other radioactive materials or of evidence contaminated with radioactive material in the context of international or national law or nuclear security. The analysis of nuclear or other radioactive material seeks to identify what the materials are, how, when, and where the materials were made, and what were their intended uses. The Nuclear and Radiological Regulatory Authority (NRRA) shall be competent with the implementation of all the works of Egyptian System for Accountability and Control (ESAC), to confine and control all nuclear materials within Egypt and at any place subject to its control and supervision and to meet the basic technical requirements, in pursuance of the safeguards application agreement. NRRA shall implement the provision of Nuclear Material Control and Accountability system based on the concept of Materials Balance Area (MBA). Towards such effect, NRRA may adopt necessary measures in each nuclear facility and in any site outside such facility which contains nuclear materials, abiding by the Egyptian rules and standards that will be discussed in this text.

Country and/or Institution

Egyptian Nuclear and Radiological Regulatory Authority

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