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Ghana's International Cooperation efforts in improving the Regulatory framework for Nuclear Transport safety and security.

Ghana upholds and recognizes international cooperation as a critical pillar in strengthening its regulatory framework for nuclear transport safety and security. Given the transboundary nature of nuclear and radioactive material transport, effective oversight requires alignment with international standards and best practices. Ghana is actively progressing in her quest to add nuclear power to her energy mix, Small Modular reactors (SMRs) are been considered as a possible NPP technology for this purpose. Since, most SMRs are factory built and transported to the site, an adequate and robust regulatory framework is required. The Nuclear Regulatory Authority of Ghana (NRA-Ghana) actively collaborates with the International Atomic Energy Agency (IAEA), European Union, Instrument for Nuclear Safety Commission (EU-INSC), regional regulatory networks like the Forum for Nuclear Regulatory Bodies in Africa (FNRBA), and bilateral partners like the USNRC to enhance its technical and institutional capacity. Through participation in international training programs, peer review missions, and joint exercises, Ghana has integrated international transport safety and security best practices into our regulatory framework while building a culture of compliance and accountability among stakeholders. These collaborations have also facilitated knowledge transfer, harmonization of procedures, and the adoption of risk-informed approaches to nuclear transport safety and security. Through international cooperation, Ghana continues to strengthen its regulatory infrastructure, ensuring safe, secure, and sustainable transport of nuclear and radioactive materials.

Country or International Organization

Instructions

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