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THE ROLE OF NIGERIAN RADIOACTIVE WASTE MANAGEMENT FACILITY CENTRE ON THE SAFETY AND SUSTAINABLE USE OF RADIOACTIVE SOURCES IN NIGERIA

Abstract

THE ROLE OF NIGERIAN RADIOACTIVE WASTE MANAGEMENT FACILITY CENTRE ON THE SAFETY AND SUSTAINABLE USE OF RADIOACTIVE SOURCES IN NIGERIA

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Sustainable use of nuclear science and technology depends on the safe use of nuclear materials throughout their life time. This includes the safe management of radioactive waste, environmental protection (including control of radioactive releases), the safe decommissioning of nuclear facilities, and the remediation of contaminated areas. Nigeria generates radioactive waste through numerous activities such as the operation of nuclear Research Reactor, medical facilities, research facilities, and industrial processes. This work looks at the management of radioactive waste at the Radioactive Waste Management Facility Centre (RWMF) in Zaria and conditioning of Disused Sealed Radioactive Sources (DSRS) for the safety and sustainable use of nuclear Science and Technology in Nigeria.

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