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## Creating Material Balance Area for Location Outside Facilities in Nigeria

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Nigeria signed the Comprehensive Safeguards Agreement and its Additional Protocol which came into force on 29th February 1988 and 4th April 2007 respectively. In fulfillment of Article 2(a)(ii) of INFCIRC/358/Add.1 of the Agreement between the Federal Republic of Nigeria and the Agency on the application of Safeguards in connection with the Treaty on Non-proliferation of Nuclear Weapons (the Agreement), Nigeria through the NNRA embarked on a Survey of Depleted Uranium (DU) used as shielding in various locations in Nigeria based on the IAEA reporting requirements. The Preliminary survey was executed by two (2) Inspectors each in the South-South, South-West and North-West part of Nigeria from 12th - 23rd December 2011. The major survey was carried out by a total number of Twenty-four (24) Inspectors from 18th - 22nd November 2013 and a total number of Eighteen (18) Inspectors from 3rd - 7th February 2014 for Phase I and II respectively in the six geopolitical zones of Nigeria. Both surveys were by physical inventory.

The purpose of the survey was to ensure radiation protection planning and management of safety, security and safeguards of sources material used for shielding. The result of the survey is the database of depleted uranium in different parts of Nigeria which had been appropriately reported under the above Agreement.

Depleted Uranium was found in 31 facilities in the NW, SS and SW region. The NNRA is also consulting with the Agency on appropriate reporting of these findings. In this regard, an update report on the Depleted Uranium Survey was sent to the Agency on 22nd February 2014 for advice and further processing.

### Country or International Organization

Nigerian Nuclear Regulatory Authority

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