

Securing radioactive sources into disuse, NORM, management, security assessment, exclusion, exemption and clearance.

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Abstract

The Ecuadorian Atomic Energy Commission, through the unity of Radiation Protection Services, with the area of Radioactive Waste Management, has made the study of disused radioactive sources at the national level and are kept in the Temporary Storage of Radioactive Waste ; has been made joint efforts with the Department of Energy of the United States for the repatriation of sources originating in that country; similarly, the use of radioactive materials in medicine, industry and research has had a significant increase in the country in the recent years, resulting in the generation of radioactive wastes requiring proper management, to ensure protection to human health and the environment now and into the future. Ecuador, through the Ecuadorian Atomic Energy Commission ensures that the Radioactive Waste Management is done by ensuring an adequate level of protection to human beings and the environment, seeks to meet the objectives of protection of human health , environmental protection, protection beyond national borders; protection of future generations; charges imposed on future generations; national legal framework; control of the production of radioactive wastes; unit interplay between production and radioactive waste management ; security installations; in the same way within this framework are the NORM of which has been carried out preliminary studies in the Ecuador Orient, which is part of the lung that Amazon uses oxygen to the whole world, have been submitted NORM as a result of oil hidden within the operation, which has presented measures of exposure high inlays within hose from the wells operating and currently looking to move to the next stage, which are considering different alternatives for managing radioactive waste as more appropriate.

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