

Environmental remediation experience for the long term storage facility of radioactive waste in Cuba.

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ABSTRACT:

From the need for Cuba to have a facility for long term storage of radioactive waste, the study of the conditions of the existing waste storage for short and medium life was performed. A methodology that included site characterization (including geological, hydrogeological, socio-economics), safety assessment and evaluation of the state of construction of the facility was used for this purpose. Key results showed the existence of problems such as the presence of cracks in concrete joints, which are associated water filtration, high porosity, moisture and corrosion, among others. The need to implement remedial and corrective actions for adapting the facility for the intended purpose was evident.

Country or International Organization

Center of Protection Radiation and Hygiene (CPHR), Cuba

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