

Poster 4.1

Radioactive waste management without adherence to standards at the Laguna Verde Nuclear Power Plant, Mexico.

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Radioactive Waste Management at the Laguna Verde Nuclear Power Plant (LVNPP) has been investigated and reprehended by the National Commission of Nuclear Safety and Safeguards (NCNSS)-the regulatory body on nuclear matters in Mexico. The NCNSS, after performing the "Inspection of Activities Related to the Radioactive Waste Management from the Laguna Verde Nuclear Power Plant 1 and 2" and the activity titled: "Verification the isotopic composition of the batches prior to initiating the process of solidification", noticed anomalies in the implementation of the working procedures that establish how these activities must be carried out. The statements above are based on the Official Letter No. AOO.130 / 017/2015[1], dated 14 April 2015, issued by the NCNSS with the subject: "Administrative Admonition with Warning". This paper discusses the recommendations issued by the NCNSS to overcome these irregularities, and additionally other incidents are mentioned related to Radioactive Waste Management, which aims to ensure the safety of the staff, public and the environment. "Emphasis is placed on that the possession of an Operating License from a Nuclear Power Plant, granted by the Ministry of Energy of the Mexican government, gives the LVNPP the responsibility to perform with the highest safety standards, fulfilling all and each of the regulatory requirements and license conditions which apply, always staying vigilant to ensure the safety of the personnel, the public and the environment.". It is intended to point out and eliminate the Bad Practices of Radiological Protection in the LVNPP. This paper was written at the Department of Physics at the Faculty of Sciences of the National Autonomous University of Mexico.

References :

[1]. Official Letter No. AOO.130 / 017/2015, dated 14 April 2015. National Commission of Nuclear Safety and Safeguards.