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Activities required for the development of a remediation plan for an industrial radiation plant: Example of the Radiation Unit of the Vinca Institute, Serbia

The Law on Radiation and Nuclear Safety and Security of the Republic of Serbia and the Regulation on Decommissioning of Nuclear Facilities prescribe the requirements that every institution dealing with radiation activity must fulfill.

The holder of a license for radiation activities must have a decommissioning plan, a remediation plan, a safety report, a program for protection against ionizing radiation, and a plan for action in the event of an accident. Remediation is carried out to achieve conditions for the use of the site without restrictions. After the remediation of the site is completed, the holder of the license for performing radiation activities is obliged to remediate the land in accordance with the law governing land protection.

The Remediation plan contain, in particular:

- 1) goals,
- 2) reference levels,
- 3) type, scope, and duration of activities to be carried out,
- 4) radioactive waste management measures,
- 5) restriction on the use of the location or facility,
- 6) monitoring and control programs as well as active and passive control measures of the site where the remediation was carried out.

The Paper describes the development of a Remediation Plan for an industrial facility for gamma sterilization of medical equipment and food preservation.

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