

Nuclear Knowledge Management as an Essential Enabler for Regulatory Effectiveness and Efficiency

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Regulatory bodies must maintain the highest levels of competence to provide regulatory oversight to the operating organizations. In building up that competency, regulators amongst others develop safety regulations and authorization processes, review and assess the safety and design documentation provided by the operating organization and inspect the facility, the vendors and manufacturers of safety related components. Over the years, regulators have seen an exodus of skills due to several reasons such as natural attrition, poaching by industry due to new nuclear build opportunities, etc. Regulatory knowledge and experience loss becomes the biggest risk to many regulators. Intervention strategies must be devised to mitigate this risk, and knowledge management is one of them. The presentation will highlight and conjecture ways and means by which nuclear knowledge management can enable a regulator to be both effective and efficient.

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