Abstract ID: **\*\*\***

**Title:-Challenges in implementation of security of radioactive sources & possible solutions**

**Contents:-Introduction, statement of problem, method and conculution.**

A country may have sound and internationally harmonized legal and regulatory frameworks to ensure the security of radioactive sources. But, this by itself does not guarantee and enable us to conclude that the radioactive sources are secured. What matters is their effective and efficient implementation. The implementation of the legal and regulatory frame works Depends human, operational systems designed and technological factors. Understanding and identifying the gabs and limitations in implementation of security of radioactive sources regarding human and operational system designed factors and take timely corrective action is vital for effective and efficient management of radioactive sources throughout their life span. My paper will discuss about the potential human and operational system designed challenges and their interaction encountered while implementing the security of radioactive sources. It will also propose possible solutions for the challenges.

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**Track Classification:** (Share experiences in the development of governmental (e.g., policy and strategy), legislative and regulatory frameworks for radioactive sources and associated facilities)

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