What is needed for success in disposal regulation – Finnish regulatory expertise at your service

Director Jussi Heinonen

Nuclear Waste and Material Safeguards Regulation



STUK - Radiation and Nuclear Safety Authority



Mission:

Protecting people, society, environment, and future generations from harmful effects of radiation

Regulatory approach for disposal



Learning from experiences and changing regulatory position



STUK's regulatory expertise

- Up-to-date and state-of-the-art safety regulations for disposal
- Regulatory approaches for repository licensing and oversight of construction
- In-house expertise for all safety relevant fields
- Approach for regulatory interaction and dialogue with applicant and stakeholders



Professionals at your service

- Stuk International Ltd. develops and improves radiation and nuclear safety worldwide.
- Support in
 - Development of regulatory framework.
 - Establishment of organizational structure of regulatory body.
 - Recruitment assistance of key personnel. (advisory service - no recruitment as such)
 - Development of safeguards and physical protection standards and systems.
 - Capability and knowledge development.

Utilization of STUK resources



Key success factors in STUK's regulatory work



Commitment and courage to decision making

- Commitment to national policy and strategy
- Implementation of step-wise approach

Active involvement, development of regulatory framework

- Clear regulatory framework
- Development of regulatory approach parallel with R&D
- Timely and focused communication with the stakeholders

Competence development

- Regular follow-up and review of the spent fuel disposal program
- Regulators safety assessment capabilities
- Active dialogue with Posiva

STUK Radiation and Nuclear Safety Authority

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