

Assessment Context

Workshop on Performance Assessment of Near-Surface Disposal Facilities

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Answering the Questions



- What is being assessed?
- Why is it being assessed?
- What is the scope of the assessment?

PA Methodology



Initial Steps of the Performance Assessment Process



Components of an Assessment Context



- Purpose of the assessment
- Regulatory framework
- Assessment end points
- Assessment philosophy
- Waste characteristics
- Disposal system characteristics
- Assessment timeframes

Benefits of a Well-Defined Assessment Context



- Clearly describes scope of this assessment
- Can be used to screen components of the analysis
 - Feature, Events, and Processes
 - Calculational methods
 - Data and code needs
- Provides a comparison point with other assessments

Workshop's Assumption



- An assessment context has been developed
- There are satisfactorily clear descriptions of each of the components
- A single safety case may require several different assessments (and assessment contexts)

Further Information



 IAEA report on Safety Assessment Methodologies for Near Surface Disposal Facilities (2004)

http://www-pub.iaea.org/MTCD/publications/PDF/ISAM/IAEA-ISAM-Vol1_web.pdf http://www-pub.iaea.org/MTCD/publications/PDF/ISAM/IAEA-ISAM-Vol2_web.pdf

 Phil Metcalf's (IAEA) ANSN training course on Assessment Context (2007)

http://www.ansn.org/ansn.org/Common/Documents/apmd/asia280p3.pdf