JAEA International Workshop on Next Generation KMS - Day 1 overview

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Key points arising from discussion - I

Description & terminology

➤ Description of KMS components and tools (and how it all fits together) is not clear - names/acronyms don't help either

➤ Argumentation terminology - inconsistency between tools and between JAEA & NUMO (NSA, RMS)

KMS structure & tools

➤ KMS structure and tools must reflect the requirements of the organisation and how it works (information flow between teams etc.)

➤ Time pressure is a driving force for ISIS and dynamic geosynthesis development during site characterisation

➤ Function of CoolRep is not clear (limited demonstration of capabilities is partly responsible e.g. LHS not explained)

➤ CoolRep/KMS can't do everything and there will still be a need for face-to-face contacts between expert groups

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Key points arising from discussion - II

Quality management

- Integration of QMS into KMS: pay-off for buying into KMS is that it makes life easier

- Interface to RMS to ensure decisions are documented/ traceable

- Management of changes to both data and tools will be challenging, esp. ensuring QA of tools during development and consistency of results (also long-term maintenance…)

- QMS is not static and will need to develop to reflect changing requirements

Relationship to users

- Interface (KMS/CoolRep) for data producers is at least as important as for data users

- KMS approach must be accepted by all (implementer, regulator, data producers) and requires commitment

- Access to the KMS (through CoolRep) needs to be to an appropriate level

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Points arising from discussion - III

Finally…

- KMS is for being developed for JAEA (focus on safety case) to support NUMO and regulator - it is a demonstration of what can/could be done not the end product

- Lots of ideas and development - now there is a need for consolidation to make them work for real cases

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Team output - wish list for CoolRep

➢ **Concise and attractive front page**

➢ **Encourage capture by search engines (widen exposure)**

✓ **Presentation of radwaste management in wider (environmental, energy policy) context**

➢ **Smart search engine (for the site & externally?)**

➢ **Openness of KM and need to create system to restrict access for some users to some areas**

➢ **CoolRep developed as an interface to the KMS**

➢ **Facilitation for technical users who will get the most out of it**

➢ **Clear presentation of of relevance of topics to the safety case**

✓ **Communication esp. between experts, putting their work in the context of the safety case (forum implemented)**

➢ **Traceability and access to supporting documents**

✓ **Argumentation network as structure for safety case development**

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Simple SC argumentation model with mapping of KMS tools