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	Reviewed by Christian Nyström (QA)			Reviewed date 2009-04-06	
	Approved by Allan Hedin			Approved date 2009-04-06	

Final control of data used in SR-Site calculations/modelling

Appendix 7 to SDK-003 Quality Assurance plan for the safety assessment SR-Site

1   Background and objective

In the SR-Site assessment, data that are identified as being significant for the assessment are compiled and qualified in the SR-Site data report. These data include deliveries from the site descriptive model reports and from the production line reports, and the procedure for data supply and qualification is described in instruction 1082129 Supplying data for the SR-Site Data Report.

Since data in the data report will not be qualified until late in the project, analyses and calculations within the project will have to start based on preliminary, not yet qualified data. In order to ensure that the final analyses/calculations are carried out using qualified data, a check of used data against the qualified data provided in the data report is required. The objective of this instruction is to define a procedure for such a final control of data against qualified data in the data report and for documentation of the control.

2   Scope

This instruction is applicable for all analyses/calculations within SR-Site, and is especially important for analyses/calculations where preliminary data are used in an early stage of the work. This instruction is a complement to the instruction for developing task descriptions in SR-Site, 1183027 Task description for the safety assessment SR-Site, that takes care of the requirement on verification of used data against final input data (section 2.3).

3   Application

Before the analyses/calculations are finalised and reported, the used data should be controlled against the final, qualified data reported in the SR-Site data report or in other background reports if the data are not included in the SR-Site data report. The control should be documented, and the documentation should contain:

- Parameter specification, e.g. K_d and 3D distribution of Cl concentration, and unit
- Used parameter value or name and storage location of electronic input file,
- Qualified/final parameter value or name and storage location of electronic file with qualified/final data,
- Source for qualified/final data, i.e. SR-Site data report or other SR-Site background report, including version of the report,
- Statement whether the used data are in agreement with the qualified/final data or not,
- Action required if the used data are not in agreement with the qualified/final data,

- Identification of the person doing the control and date when the control is conducted.

The control is preferably documented in table format and a template for such a table is provided below.

Parameter [unit]	Used value/ electronic file	Qualified value/ electronic file	Source and version for qualified data	Used data are in agreement with qualified data	Action (if disagreement)
Control made by:				Date:	

The control should be made when the data used in the analyses/calculations are qualified or finalised in the SR-Site data report or in other SR-Site background reports. This implies that a control always should be made when final versions are available of the SR-Site data report or of other background reports providing data. However, in order to identify any discrepancies as early as possible in cases where preliminary data have been used, it is advised that an earlier control against review versions of the reports supporting data is made, and that this control later is updated when the reports supplying data are finalised.

The person in the SR-Site team in charge of the analyses/calculations to be controlled is also responsible for assigning someone to do the final control of data and for storing the documentation of the control in SKBdoc. The person in charge of the analyses/calculations is also responsible for making decisions concerning proposed actions if disagreements between used data and qualified data are identified and for the accomplishment of these decisions after approval by the project manager Allan Hedin (see below).

4   Document handling

This instruction is handled according to SD-134 SKB gemensam dokumenthanteringsplan. All documents that are generated according to this instruction should be stored in SKBdoc with the following attributes:

Document type: Checklist
Classification: Internal

The generated documents/checklists should be reviewed by Kristina Skagius and approved by Allan Hedin.

5   References

SKBdoc 1082129 Supplying data for the SR-Site Data Report
SKB doc1183027 Task description for the safety assessment SR-Site
SD-134 SKB gemensam dokumenthanteringsplan

6   Register of revisions

Version	Date	Description	Author	Reviewed	Approved
1.0	See header of first page	New document	Kristina Skagius	See header of first page	See header of first page

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