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Author			Date	Date		
Kristina Skagius-Elert			2008-09-09	2008-09-09		
Reviewed by			Reviewed date	Reviewed date		
Ingrid Aggeryd			2008-11-11	2008-11-11		
Approved by			Approved date	Approved date		
Allan Hedin			2008-11-12	2008-11-12		

Review plan SR-Site Reports

Background/objectives

The SR-Site project is a sub-project of the Spent fuel project, and the main SR-Site report will support the application to build a final repository for spent nuclear fuel. In addition to the main SR-Site report, a large number of background reports will be produced within the SR-Site project. The objective of this review plan is to support the factual review of reports produced within the SR-Site project.

Review documents and scope

This review plan concerns all reports produced within the SR-Site project except the main SR-Site report.

The following documents should be provided to the reviewers of a report:

- The report that shall be reviewed,
- Available supporting documents/references,
- A review instruction for the report in question,
- The review form provided by the Spent fuel project,
- The review plan for factual review of SR-Site reports (i.e. this document).

Requirements

A general requirement on all reports produced within the SR-Site project is that they are scientifically and technically sound and that the conclusions reached are supported by the analyses or other findings in the report and that these are clearly documented.

Acceptance criteria

The following general criteria need to be fulfilled for accepting the report:

- The contents of the report should be scientifically and technically sound.
- The objective, scope and premises for the report and analyses should be clearly and traceably presented.
- It should be possible to evaluate the quality of cited references of importance for the conclusions reached.
- The conclusions reached shall be supported by the analyses or other findings in the report and by supporting documents.

 The conclusions should be clearly reported and in such way that the fulfilment of the stated objectives can be judged.

In addition to these general acceptance criteria, specific acceptance criteria can be defined for a report. These specific criteria should be documented in the review instruction for the report in question.

Reviewers competence

Reviewers are selected by the person in the SR-Site team that is responsible for the report that shall be reviewed and the selected reviewers are approved by the project manager for the SR-Site project by approving the review instruction produced for the report in question.

The reviewers selected shall together have sufficient competence within the area covered by the report to judge whether the defined acceptance criteria are fulfilled. The reviewer's competence is documented in the review instruction for the report in question.

Connection to other reviews

After completion of the factual review, all reports will be subject to a quality review according to SKB procedure SDK-116. Reports that are supplement to the Spent fuel project's application to build a final repository for spent nuclear fuel will undergo a safety review according to the Spent fuel project's procedure SDK-116 (in Swedish). The factual review and quality review are parts of the safety review which the reports included in the Final repository preliminary safety report will undergo.

Documentation

The results of the review shall be documented in the Spent fuel project's standard review form. The authors of the report document the response to the review comments in the review form and make the corresponding modifications in the report. The person in the SR-Site team responsible for the report decides how any conflicting views between reviewers and authors of the report shall be handled.

If appropriate, a review meeting is held to discuss review comments and conflicting views.

The review documentation including the review instruction, the review form with the results of the review, the review version as well as the updated version of the report are registered in SKB's documentation system SKBdoc.

References

SDK-116 Granskning av ansökningshandlingar inom Kärnbränsleprojektet

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