

**Från:** Linder, Jan

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**Till:** 'Christina Lilja'

**Kopia:** Kärnteknisk Säkerhet - Gemensam Mailbox; Peter Wikberg; Siren Bortelid Moen; 'Tim Hicks'; Tamara Baldwin; 'Bo Rosborg'

**Ämne:** Questions to Rosborg

**Bifogade filer:** 0934-M2 LOT Cu Corrosion QA Checklist.doc

Hi Christina

In accordance to your request, Tim Hicks has in advance written down some questions to Bo Rosborg for the meeting March 11<sup>th</sup>. The intention with the meeting is to complete the QA-checklist, enclosed, which were established from the meeting at Äspö 1<sup>st</sup> December 2009.

We will discuss the full checklist, but the focus of questions will be on:

- how the QA plan was developed and how the QA system and QA procedures were followed
- understanding the measurement techniques that were used and whether they are standard or novel techniques
- equipment calibration, checking and maintenance strategy
- the uncertainties in the measurement techniques
- risks to the success of the measurements, including the effects of sample transport and storage; could corrosion tests and analysis be improved to reduce risks? will similar methods be used when other LOT parcels are extracted in the future?
- how measured data are verified; how are large differences between results for Parcels A0 and S1 and Parcel A2 explained?
- how uncertainties and sensitivities are addressed in the analysis and reported, including uncertainties associated with oxygen content and depletion during the LOT test; will future tests aim to understand oxygen content and depletion? What is meant by "somewhat uneven general attack" (SKB TR-09-29) and how is it quantified and interpreted?
- the extent of independent review

The LOT test A2 Parcel also included three cylindrical copper electrodes for real-time corrosion monitoring. Why were these results not included in SKB TR-09-29? Are the results consistent with the understanding of copper corrosion developed in the copper coupon tests?

Regards

Jan Linder



**Jan Linder, PhD**  
Strålsäkerhetsmyndigheten  
Swedish Radiation Safety Authority

Utredare  
Analyst

SE-171 16 Stockholm

Solna strandväg 96

**e-post:** [jan.linder@ssm.se](mailto:jan.linder@ssm.se)

**Tel:** + 46 8 799 4279

**Mob:** + 46 70 381 5350

**Fax:** + 46 8 799 40 10

**Web:** [stralsakerhetsmyndigheten.se](http://stralsakerhetsmyndigheten.se)