



Coil 120

Non compliance risk analysis

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CERN

Risk analysis

- Source of the risks:

Due to an electrical power cut on Sunday February 4th, the reaction cycle has been interrupted and the coil temperature dropped from 650⁰C to 350⁰C

- After reaction, the witness samples (VAMAS) will be tested
- 2 situations could occurred:
 - 1) The VAMAS shows no degradation (the most probable) : coil 120 will continue the process
 - 2) The VAMAS is non compliant due to degradation, and in this case we may decide not to use the coil

How to solve it?

- If the VAMAS is non compliant:
 - We couldn't use coil 118 because it's not instrumented
 - We will have to use the coil 121 in the model SP107
 - It will take 4 weeks to have that coil ready (reacted)
 - In term of planning, this problem will delay the readiness of the model SP107 for the cold tests from the beginning of July to the beginning of August
- An other consequence: a new length of cable will have to be fabricated / braided before the winding of the last coil