

VERSLAG

Meetsessie 26-01-780 DUBBLE

21.07.2007 – 25.07.2007

Deel 2

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1. Achtergrond en doelstelling

Zie deel 1.

2. Experimenten

Het tweede deel van deze meetsessie had tot doel de chemische reacties te ontrafelen aan het metaal/oplossingscheidingsvlak wanneer kopersubstraten gecoat met nantokiet (CuCl) ondergedompeld worden in een natriumsesquicarbonaatoplossing. Een eerste meting werd opgestart welke onderbreken werd door vacuümproblemen van de synchrotroninfrastructuur (zie ESRF e-mail in bijlage). De problemen werden niet hersteld voor het einde van de meettijd.

From: hardy@esrf.fr [mailto:hardy@esrf.fr]
Sent: 23 July 2007 01:17
To: allbl@esrf.fr; operation@esrf.fr; machop@esrf.fr; sette@esrf.fr;
sine.larsen@esrf.fr
Cc: stirring@esrf.fr; safety@esrf.fr; expop@esrf.fr; infra@esrf.fr;
alge@esrf.fr; rfgroup@esrf.fr; fegroup@esrf.fr; vacuum@esrf.fr; psg@esrf.fr;
idgroup@esrf.fr; seg@esrf.fr
Subject: URGENT: BEAM DELIVERY CANCELLED UNTIL SHUTDOWN

Dear Users,

This Sunday 22/07/2007 at 04:00 a.m, we experienced a serious pressure raise in Cells 3 and 4. They went to atmospheric pressure. After a difficult leak detection over 2 cells, we discovered the origin of the leak. It was repaired at about 19:00 and the pumping of the cells could start.

We have tried to avoid the bakeout of these cells in order to try to give some beam back to Users on Monday morning.

However, the vacuum level reached this Monday at 01:00 a.m. clearly demonstrate that we will have no chance to get a good level of vacuum without a proper bakeout, which anyway will lead us to Wednesday morning (the first day of the shutdown).

The Vacuum Group has done its utmost but we regret to announce that we must cancel the 2 last days of delivery of this run.

I thank you for your comprehension and I remain at your disposal if you wish more technical details,

Regards,

Laurent Hardy,
Operation Manager