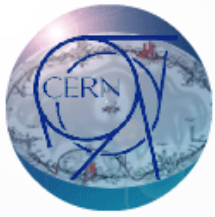


SPD Cooling Status

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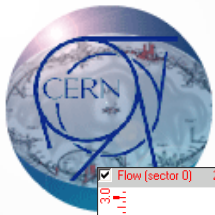
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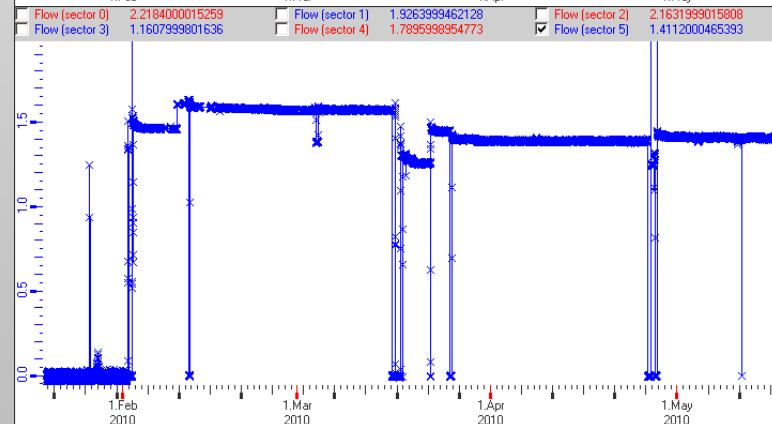
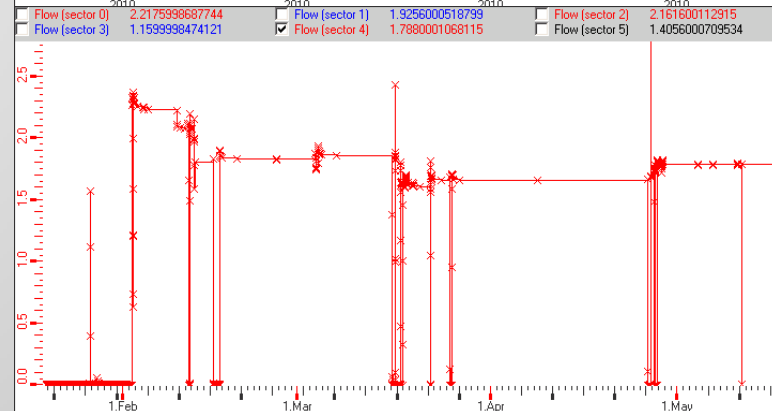
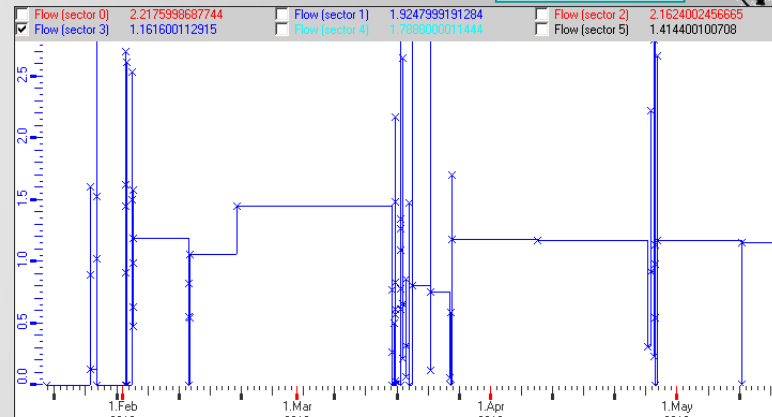
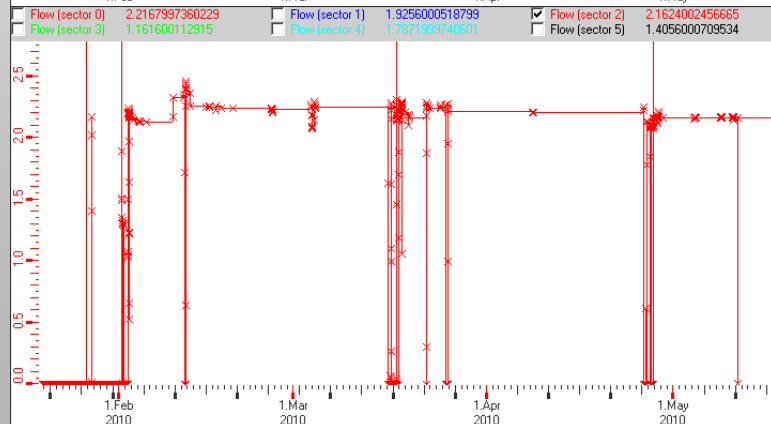
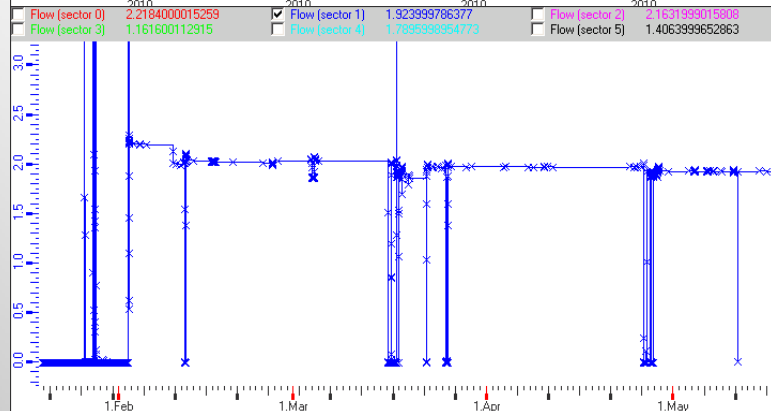
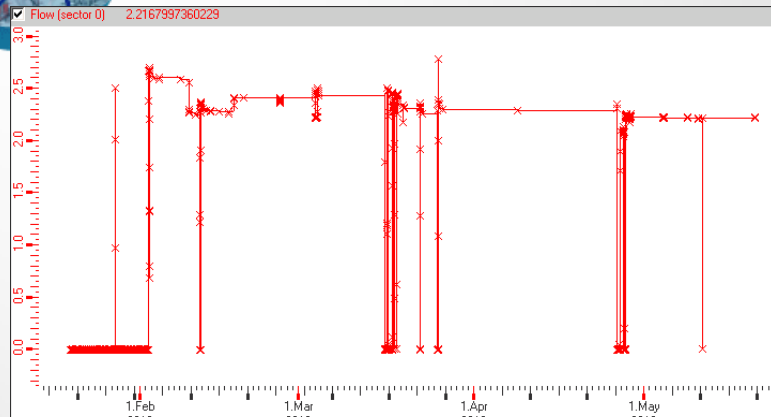
Status and Plans

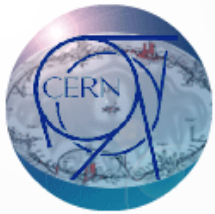


- At present no short-term major action is foreseen on the plant or on the whole installation
- Definition of an ANSYS-based simulation of the detector – started
- Test bench in DSF: the work is in progress (procurement started)
- Next technical stop ➡ access to the plant: freon refill
- ➡ filters replacement in PP4: under discussion
- Shutdown end 2010 ➡ cut and re-install the liquid side pipes once the door is closed (same path)
- ➡ permanent re-routing postponed to the longer shutdown (end 2011)
- Other actions are under study



Flow Diagrams - 1





Flow Diagrams - 2

