

SPS machine report

H. Bartosik for SPS OP

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Overview

- Availability in the last days relatively low
 - 400 kV transformer tripped Monday night (weasel attack) + issues restarting one of the extraction sextupoles when transformer back
 - Several issues in the pre-injectors (especially Tuesday and Wednesday)
 - SPS RF trip (yesterday evening)
- Optimization of slow extraction being performed today
 - Normalized losses in extraction channel not yet as should be
 - Requires running with half intensity
 - Necessary condition for increasing intensity
- Today is the first “long SPS parallel MD” session
 - During these sessions the duty cycle for the NA will be reduced