

Wednesday 23rd January 2008

MTTR & Spare Parts Policy for the LHC injectors, experimental areas and other facilities: AB Groups

16:30-17:00

Christophe Mugnier: MTTR, spare parts and stand-by policy for PO equipments

Approximately 4500 Power converters (some KW to hundreds of MW) are distributed around CERN's accelerators and play an essential role in the driving of the particle beams. They are under the responsibility of the Power Converter Group (AB/PO) which has in charge of their development, their maintenance and which has to guarantee their functioning 24/24 during the periods of operation. From 2003, it was launched several actions to increase the safety the reliability and the maintainability of the old installations. Based on the statistics of the three last runs, the MTTR evolution of the equipments will be reviewed and critical points will be discussed. The standby service organisation will be also presented and finally, the spare parts management will be described.