

Beam Dump Systems and Abort Gap Cleaning

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The performance of the beam dumping systems and the abort gap cleaning are reviewed in the context of the general machine protection system. Details of the commissioning experience and setting up, encountered equipment problems, the experience with and status of the eXternal Post Operational Checks (XPOC) and the importance of operational procedures are presented for the beam dumping system. The brief experience with the abort gap cleaning is also presented.

Plans for 2010 commissioning, allowing for higher beam intensity and energy, are given for both systems including some thoughts on the operational procedures required.

Summary

Performance, measurements vs. expectations, problems encountered, is related software sufficient, necessary improvements, appropriate for 3.5TeV running?

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