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Beam Dumping System - design and safety

Monday 11 April 2005 16:00 (30 minutes)

The LHC Beam Dumping System is the only system which can safely dispose of the LHC beams. The system description is given, detailing the required functionality, the technical solutions chosen, the different hardware components and their performance specifications. Design choices for safety critical system elements and operational procedures are explained. System safety analysis results are presented, together with the expected availability. Commissioning aspects are briefly discussed.

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