

CONSEQUENCES FOR SAFETY OF PERSONNEL FOLLOWING S34

Abstract

Following the accident in Sector 34, some immediate and short term restrictions on personnel access have been put in place. Some restrictions on specific operations have also been decided. Some of these restrictions went much beyond the previously agreed rules for access and powering but have been decided by precaution pending further investigation of the event. In the light of lessons learnt from the S34 accident, I will review the access conditions in different parts of the LHC (surface, tunnel and service areas, experimental areas) and in various conditions of operation of the installation, taking into account the electrical and cryogenics risks as well as beam conditions. In a second part I will review some accident scenarios that have been or can be envisaged, and will assess for these cases the adequacy of the access and intervention rules presented before.

**CONTRIBUTION NOT
RECEIVED**