HL-LHC TDE Preliminary Design Review



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Radiation protection

Wednesday 12 March 2025 09:30 (30 minutes)

Radiation protection assessments done for HL TDE upgrade.

- Radiation protection requirements
- Assessment of proposed design against requirements
- Residual dose rate for different intervention scenarios (cooling times)
- Air activation UD cavern (1 vs 2x flowrate)
- Waste disposal
- Argon content and spilling
- Ti vs SS comparison
- LS3 intervention scenario

Presenter: Dr INFANTINO, Angelo (CERN)