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SuperKEKB Personnel Protection System

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The KEKB personal protection system (PPS) takes care of not only KEKB accelerator, but also PF-AR, Positron Damping Ring and their beam transport lines. The PPS is updated step by step. The new beam transport line to the PF-AR was constructed, and it makes possible that the injector supplies the beam to the 5 storage ring (KEKB LER, HER, PF-AR, PF and Positron damping ring) simultaneously. The positron damping ring was also constructed at the middle of the injector. The injector is not only supply the beam to the damping ring, but also is receive the beam from the damping ring. In this way, the accelerator operation scheme changed dramatically. The logic of the PPS has been changed to adapt the new accelerator operation scheme.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

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