

Propagation of the Electron Beam to High Power Beam Dump

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Synchronized Gun and 704 MHz cavity



Later we observed 7.65 MeV beam

Results

- We were not successful in propagating beam into the common beamline
 - access to the ring tunnel required lowering current in the RHIC magnets and we spend about an hour on restoring orbit
 - there was weird BPM malfunction when data were displayed with about 30 seconds delay
- But we developed set-up good for operation while RHIC is at low energy
- We would like to try to propagate beam into the common section during breaks in RHIC operation