

CERN LIBRARIES, GENEVA



Date : 28 January, 1966

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CM-P00057624

M e m o r a n d u m

To : E.E.C.
 From : Muon Storage Ring Group
 Subject : Test run in weeks 11, 12

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1. In order to make progress we need another test run, and would strongly prefer to have this before the shut down. By March we plan to have developed some new diagnostic techniques and to have made some improvements to the storage ring.
 2. Technically we can run (ejecting 1 r.f. burst along h3 beam) in parallel with the bubble chamber runs in weeks 11 and 12. We request 6 days during this period. We believe that the only difficulty concerns the shielding of h3 beam. About 750 tons of "our" shielding (~ 90 blocks) is now in the East Area.
 3. Shielding
 It does not seem probable that supplies of new shielding will be sufficient for both h3 beam and ejected beams in the East Area, though some new blocks will certainly be available. Probably at the end of week 10 there will be, say 50 blocks, to be shifted from East Area to h3. There appears to be a definite commitment already to allow the East Area beams to be dismantled at the end of week 10.

Conclusion

We see no major obstacle to running the storage ring in weeks 11, 12, and request E.E.C., W.P.R.C. for approval of this run.