

EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH



CERN LIBRARIES, GENEVA



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SPSC/M 419
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MEMORANDUM

To/A: The SPSC Members
From/De: W.M. Geist - EP (NA36)
Subject/: Beam H2
Concerne

NA36 was proposed for a beam intensity of 10^6 particles/spill (P196, M382). Following a suggestion of the SPSC the experiment was adapted to the existing EHS facility downstream of NA35 (streamer chamber). A beam intensity of only $\sim 10^4$ particles/spill has originally been foreseen. To still reach the goal of high statistics an active target is presently being built. It will be tested at LBL with nuclear beams in the beginning of November 1985. More recently, NA35 seems to aim at a beam intensity of about 10^5 particles/spill. At such a flux one could do without active target. Because of the tight schedule and the manpower involved in the active target project, it is very desirable to define the final beam intensity for ^{16}O running as soon as possible.