

Memorandum to the SPSC.

from the P152 and P36 collaborations

CERN LIBRARIES, GENEVA

25 September 1981



CM-P00045259

We have heard informal reports of the discussions at Cogne concerning our proposal to instal an electromagnetic calorimeter in BEBC. It is clear that our presentation of the physics case has been listened to and has received the attention it deserved but we feel that there may be some misunderstanding regarding the possible timescale for developing and installing a full calorimeter. In discussion with the BEBC engineers on the design program it has always been accepted that at least six month can be saved if the basic design of the calorimeter boxes is carried out in parallel with our tests in the t6 beam, now scheduled for the spring of 1982. On the successful completion of the tests it will be possible to place an order for the first box, to be installed during the shutdown at the end of 1982. This would allow investigations during the spring of 1983 on the effects of the box on chamber operations, to be followed by the insertion of an active calorimeter segment, either in mid 1983 or at the end of the year. The complete calorimeter could be prepared and installed by mid 1984. A full programme of calorimeter physics, including wide band and narrow band running with appropriate liquids, could then be completed before the end of 1986.

We hope that the possibility of carrying out this valuable physics programme will not be jeopardised merely because of a misunderstanding about the possible timescale.

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