

May 11, 1999

CERN-SPSC/99-14
SPSC/M631

MEMORANDUM

A/To: SPSC

De/From: The I216 Collaboration

Concerne/Subject: Oscillation search with the PS neutrino beam

With this letter we would like to complement the information we gave to the Committee with our memorandum of March 18th (M630).

Our Collaboration is presently performing tests which will allow us to define the final design of the detector. The tests mainly concern the technique of light collection by wavelength shifting fibers in liquid and solid scintillator elements, and the performance of multipixel photodetectors.

The Collaboration presently involved in the design of the detector consists of the 23 Institutions listed at the end of this document. We believe that this Collaboration has the strength to perform the experiment and we plan to submit a proposal based on the results of the tests at the end of the summer, with a view to maintaining our competitiveness with the MiniBooNE project at Fermilab.

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