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Dear Tom, Pierre, and Steve,

Attached please find the MUTAC Report from the Muon Collaboration Review held on January, 14-15 2003 at Fermilab. We thank the MUON Collaboration for the effort they put into the presentations and Fermilab for hosting this review.

As you can see the committee was impressed with the excellent work over the past year, carried out under funding adversity. Personally I felt the design efforts were pointing toward a neutrino factory design that might actually become realizable, granted with many areas that still need to be shown to work.

One remark on the future program, and it is said in the report (perhaps even belabored over much)- successful RF testing of the 800MHz cavity with a magnetic field is of critical importance. It is hard to estimate how long it will take to reach this goal. (First signs of progress may even have taken place since the review. That would be great.) But the MUCOOL and then the MICE effort hinges on progress here. It seems unlikely that 200MHz will be any easier than 800. Special attention to and possible augmentation of this effort seems warranted.

As last year, prioritization of the activities in the face of low funding is very important and difficult. It is important to keep everyone engaged, but it is at least equally important to achieve the most critical goals.

Sincerely,

Helen Edwards
Chair, Muon Technical Advisory Committee