



**Fermilab**

July 21, 2000

Rajendran Raja  
MS 357

Dear Raja,

At its recent meeting, the Physics Advisory Committee (PAC) discussed your revised P-907, "Proposal to Measure Particle Production." The Committee will not make a final recommendation on this proposal until the Fall 2000 PAC meeting. The Committee had the following comments:

- 1. The assumptions in the proposal about the possible running conditions for the experiment are not in agreement with those presented to the Committee by the Laboratory management. The proponents should meet with Laboratory management to develop a realistic run plan.*
- 2. The Committee requests a discussion of the proposed competing experiments at CERN, addressing particularly the physics reach and schedules of these experiments.*
- 3. Further input from the MINOS collaboration on their need for P-907 will be of critical value to the Committee.*

For item #1, I believe the assumption you should use in developing a run plan is one 1-second flattop pulse every 20-30 seconds, but this should be confirmed with the Beams Division. The Beams Division should also be aware of and in agreement with all of the parameters you will be using for your run plan. Please submit your run plan and the information requested in item #2 by October 3 so that it may be distributed to the PAC in time for its meeting November 3-5. By copy of this letter, I am asking Stan Wojcicki to plan to have a representative of MINOS make a short presentation in response to item #3 at the same meeting. We are also considering inviting a representative of the RHIC physics program to the November PAC meeting to address the nuclear physics aspects of P-907 and their relevance to the RHIC program.

Sincerely,

Michael Witherell

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