



Fermi National Accelerator Lab
P.O. Box 500
Batavia, Ill. 60510

October 29, 2003

Dr. Norbert Holtkamp
Division Director
Accelerator Systems Division
SNS, Oakridge National Laboratory
701 Scarboro, Rd
Oakridge, TN 37830

Dear Norbert,

Here is the Review Report from the JLab Cryomodule Review, Oct. 15-16, 2003.

The review points out the need to try to improve cavity processing production procedures. Extensive time was spent during the review comparing JLab procedures and DESY procedures. Detailed recommendations are made and we believe most of these can be implemented rather easily. The committee looks forward to seeing results from these changes, but notes that JLab has been actively trying to improve production processing yield for some months.

JLab has done an excellent overall job at taking on the substantial superconducting cavity and cryoplant commitments for the SNS Project. Generally procurements and production have proceeded in a timely and efficient manner on this state of the art technical project. We expect that the low yield in cavity testing will be addressed by the JLab team in their usual professional manner. And it should be noted that projected cost variances are well within the 20% contingency allotment.

The committee was clearly engaged in the issues presented. Technology has been moving very fast in this area and SNS is the major ongoing project worldwide. We all wish it to succeed and excel. We look forward to seeing progress in the future and recommend a technical review within three months.

We thank JLab staff for their open constructive discussions and tours. JLab is the superconducting rf cavity laboratory in this country and a national resource.

Regards,

Helen T. Edwards
hedwards@fnal.gov
Fermilab
Batavia, IL 60510