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JLab Review Team

Date: 9/30/2003

Charge to the Committee / Goal for the Review

In the production of sc rf cavities at JLab for SNS cryomodules a variety of technical issues have not allowed us to achieve the originally perceived production rate. The SNS project seeks the input of an independent review panel of experts in sc rf on these issues, as well as on a variety of other topics that are listed below.

The present production rate of superconducting cavities has led and will probably continue to lead to cost overruns. These cost overruns are primarily driven by manpower cost. First of all, only by resolving the technical issues can improvements be done on the production rate and second, if an expanded preparation time is required, can the manpower be adjusted to compensate for the delay. We propose the following agenda and would like the comments of the committee members:

1. The production status
2. Procedures and possible improvements thereof
3. QC/QA programs on infrastructure and existing procedures
4. Provide input to tests that are necessary to support an increase in the production efficiency
5. The testing plans
6. Reduction (increase) in testing plans and, if so, where?
7. Present manpower loading. Improvements in efficiency. Possibilities of reduction in work force to minimize future contingency draws
8. Discussion of offsets possible out of other areas
9. Transfer of work scope to ASD/ORNL

Warmest regards

A handwritten signature in blue ink that reads "Norbert Holtkamp".

cc: Helen Edwards, FNAL
Peter Kneisel, Jlab
Hassan Padamsee, Cornell University
Yang Cho, ANL
Carlo Pagani, DESY-TESLA/ INFN
Axel Matheisen, DESY
Lutz Lilje, DESY ; at times via video
Detlef Reschke, DESY, at times via video

Also Carl, Les and myself will participate.

