



Stephen Peggs
Brookhaven National Laboratory

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Dr. Lucio Rossi
CERN-AT

Dear Lucio,

I would like to express the strong support of the U.S. LHC Accelerator Research Program (LARP) for the superconducting magnet development that will take place, mainly in Europe, for the Phase 1 upgrade of the LHC interaction regions. Strong support also comes directly from the 3 individual U.S. laboratories that take part in LARP magnet development – BNL, FNAL and LBNL – as confirmed by Jim Kerby, GianLuca Sabbi and Peter Wanderer.

Almost all Magnet R&D in the LARP program focuses on Nb₃Sn technology intended for the Phase 2 upgrade, in which both interaction regions and experimental detectors will be profoundly modified. This is entirely consistent with our support of the Phase 1 upgrade, in terms of intellectual support and interest. Further, LARP will examine the possibility of contributing deliverables to the Phase 1 upgrade, stemming from our mainstream Nb₃Sn program.

Sincerely,

Dr. Stephen Peggs
LARP Program Leader

cc: J. Kerby (FNAL), G. Sabbi (LBNL), P. Wanderer (BNL).