

STATUS OF THE NUMI NEUTRINO BEAM AT FERMILAB

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Abstract

The NuMI beam at Fermilab produces a high-intensity neutrino beam for neutrino oscillation experiments. Since the start of 2005, NuMI has been delivering beam to the MINOS experiment. Greater than 2×10^{20} 120 GeV protons have been delivered to the neutrino production target, with a peak power of 320 kW being achieved. This note reports on the status and operation of the beam and its technical components, including the target, horns, and instrumentation.

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