Pion LINAC as an Energy-Tagged Neutrino Source\textsuperscript{1} TERRY GOLDMAN, RICHARD SILBAR, Los Alamos National Laboratory — The energy spectrum and flux of neutrinos from a linear pion accelerator are calculated analytically under the assumption of a uniform accelerating gradient. The energy of a neutrino from this source reacting in a detector can be determined from timing and event position information.

\textsuperscript{1}This work was carried out under the auspices of the National Nuclear Security Administration of the U.S. Department of Energy at Los Alamos National Laboratory under Contract No. DE-AC52-06NA25396.