

Abstract Submitted
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Assessing the quality of waveforms from the neutral current detectors in the final phase of the Sudbury Neutrino Observatory experiment NIKOLAI TOLICH, Lawrence Berkeley National Laboratory — The Sudbury Neutrino Observatory (SNO) has recently started its third experimental phase with the deployment of ^3He proportional counters throughout the detector. These proportional counters allow event-by-event separation of neutral current and charged current events. Oscilloscopes connected to these proportional counters record the waveforms, which can be used to distinguish alpha background events from neutron signals. Some of the acquired waveforms are instrumental noise that needs to be removed. I will present results on the identification of these noise events, and the general quality of the waveform data.

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