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The CHANDLER Antineutrino Detector SHENGCHAO LI, VIRGINIA POLYTECHNIC INSTITUTE, THE CHANDLER EXPERIMENT TEAM — CHANDLER is a detector technology for reactor antineutrino monitoring. We deployed a prototype detector, called MiniCHANDLER, in proximity to a commercial nuclear reactor core for four months, and observed strong inverse beta decay signal with no overburden and minimal shielding. In this talk, we will present the technical details, the data analysis and the first result from this prototype deployment, and other experimental measurements related to the CHANDLER technology.

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