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Antineutrino measurements with the iDREAM detector at Kalinin NPP.

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The iDream (industrial Detector of REactor Antineutrino for Monitoring) project is aimed at development of the reactor antineutrino detection technology for an industrial tool creation. The tool can serve for an additional independent control method of a nuclear reactor operation. The 1 ton Gd doped liquid scintillator neutrino detector is placed under the 3rd energy unit of the Kalinin NPP. We are going to present the results of the detector probation during one full fuel cycle, which duration is equal to 510 effective days.

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