## NMR of <sup>51</sup>V in VRuP: Possible Onset of Charge-Density-Waves\*

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NMR experiments are reported for VRuP which has an orthorhombic TiNiSi structure and shows anomalies in the temperature dependence of the electric conductivity and static susceptibility. A field-swept spectrum of <sup>51</sup>V perturbed by a quadrupole interaction has been observed, which shows no anomalous temperature dependence. However, the metallic spin-lattice relaxation rate decreases in a stepwise fashion with decreasing temperature at around 200 K, in accordance with the resistivity and the susceptibility data, suggesting a possible CDW formation in this material.

Key words: NMR; CDW; VRuP; 51V; Spin-Lattice Relaxation.

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