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NMR Evidence for psuedogap in URu_2Si_2[1] KENT SHIRER, ADAM DIOGUARDI, JOHN CROCKER, NICHOLAS APROBERTS-WARREN, ABIGAIL SHOCKLEY, CHING LIN, DAVID NISSON, University of California - Davis, JASON COOLEY, Los Alamos National Laboratory, BRIAN MAPLE, University of California - San Diego, JASON HARALDSEN, MATTHIAS GRAF, Los Alamos National Laboratory, NICHOLAS CURRO, University of California - Davis — We report ^{29}Si NMR measurements in single crystals and aligned powders of URu_2Si_2 in the hidden order and paramagnetic phases. In the paramagnetic phase, the spin lattice relaxation data reveal evidence of spin fluctuations of U moments. Furthermore, we find evidence for partial suppression of density of states below 30 K.

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