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Ana Berrizbeitia* (bubya28@mail.utexas.edu), Department of Mathematics, University of Texas at Austin, 1 University Station, C1200, Austin, TX, **Alexander Moll** (alexmolmail@gmail.com), Mathematics Department, Columbia University, New York City, NY , and **Laine Noble** (lnoble@tulane.edu), Department of Mathematics, Tulane University, New Orleans, LA 70118. *p-adic properties of Stirling numbers.*

The 2-adic properties for Stirling numbers of the second kind, for k fixed, were recently analyzed by T. Amdeberhan et al. We generalize their conjectures for p and odd prime. Using the periodicity of $S(n,k)$ modulo powers of p , we have established these conjectures for special cases of p and k . The case $k < p$ is described in detail. (Received July 16, 2008)