1033-35-55 John Lewis and Kaj Nyström* (kaj.nystrom@math.umu.se), Department of Mathematics, Umeå University, S-90187 Umeå, Sweden. Boundary Behaviour of p-Harmonic Functions in Domains Beyond Lipschitz Domains.

In this paper we prove the boundary Harnack inequality and Hölder continuity for ratios of *p*-harmonic functions vanishing on a portion of certain Reifenberg flat and Ahlfors regular NTA-domains. Applications are given to the *p*-Martin boundary problem for these domains. (Received August 29, 2007)