1116-VA-2239 Minjae Kwon* (know1122@naver.com), Deagu, South Korea, and Jung Wook Lim (jwlim@knu.ac.kr), Daegu, South Korea. On Nonnil-S-Noetherian rings. Preliminary report.

A commutative ring R with identity is called Nonnil-S-Noetherian, where $S \subseteq R$ is a given multiplicative set, if for each nonnil ideal I of R, $sI \subseteq J \subseteq I$ for some $s \in S$ and some finitely generated ideal J.

In this talk, we introduce the notion of Nonnil-S-Noetherian rings, and we study some properties. (Received September 22, 2015)