1077-46-1743 Guimei An and Jung-Jin Lee*, Department of Mathematics and Statistics, 50 College Street, South Hadley, MA 01075, and Zhong-Jin Ruan. *p-operator spaces and approximation properties.* Let G be a discrete group. Haagerup showed that G is weakly amenable if and only if $C^*_{\lambda}(G)$ has the completely bounded approximation property. Haagerup and Kraus later considered a slightly weaker property, say the approximation property, and showed that G has the approximation property if and only if $C^*_{\lambda}(G)$ has the operator approximation property. We extend these results using *p*-operator space, a generalization of operator spaces modeled on L_p spaces. This is a joint work with Guimei An and Zhong-Jin Ruan. (Received September 20, 2011)