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Mirror symmetry for Calabi-Yau complete intersections in toric varieties leads to a "phase" picture. Each phase presents the derived category of the Calabi-Yau in a different way but all these categories are equivalent. A very common but relatively unexplored phase is the "exoflop" where the Calabi-Yau becomes has more than one component. We explore such phases for K3 surfaces. (Received September 19, 2014)