The Deadliest Catch

It is known that in a certain region of the Bering sea the population of Alaskan king crab can be modeled using a Logistic growth model with growth rate \( k = 2 \) and a carrying capacity of ten million individuals. The crab is being harvested by fishing boats. Each fishing boat needs a fishing license and catches about 50000 crabs a year. What is the maximum number of fishing licenses that you would provide to the fishing companies? Why?