Following the Chernobyl nuclear accident in 1986, a wintering site for White-tailed Eagle (*Haliaeetus albicilla*) and Golden Eagle (*Aquila chrysaetos*) was discovered on severely polluted land in the Palessia Radio-ecological State Reserve. The number of wintering White-tailed Eagles in the Reserve in 1988-1993 was estimated as 15 birds. A new helicopter survey suggests that the wintering population of White-tailed Eagle is 40-60 birds and of Golden Eagle is 5-10 birds.