$\frac{DS_n}{n^2 e^2} \le 0.05 \implies \frac{DE}{0.05n} \le E \implies E \ge \sqrt{\frac{DE}{0.08n}}$ 

 $\Rightarrow P\left(\left|\frac{S_{n}}{h}-\mu\right|\geq \varepsilon\right)\leq \frac{DS_{n}}{h^{2}\varepsilon^{2}}\leq 0.05$