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ABSTRACT (See instructions overleaf)

This paper presents the environmental monitoring in Qinshan Nuclear Power Plant, the first one in mainland China.

According to the ALARA principle of the ICRP, the environmental monitoring program is optimised during the operation of NPP. Using estimated dose equivalent received by the public with mathematical model and results of environmental monitoring, the quality of environment around Qinshan NPP is evaluated. Continuous effort is made to mitigate the environmental impact due to the operation of NPP.