



ISO 4917-4

**Design of nuclear power plants
against seismic events —**

Part 4:
Components

*Conception parasismique des installations nucléaires —
Partie 4: Composants*

**First edition
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In accordance with IAEA Safety Standards Series No. SSR-2/1, protective measures against seismic events are required, provided earthquakes should be taken into consideration. Earthquakes comprise that group of design basis events that requires taking preventive plant engineering measures against damage and which are relevant with respect to radiological effects on the environment. The basic requirements of these precautionary measures are dealt with in ISO 4917-1.

ISO 4917-4 presents the basis for fulfilling the requirements regarding the verification of the site-specific earthquake safety of components.