

## VIBRATION OVERVIEW

Vibration is a fact of life; wanted by some; unwanted by others. Vibration assessment is at the core of our expertise.

**Seismic.** The company started as specialists in earthquake engineering, working on the principle that a building is an oversized piece of mechanical engineering. We have been involved in all aspects, ranging from post-earthquake damage inspection, qualification testing, site vibration investigations, through to seismic design for new and for existing buildings, plant and equipment. We take particular pride in our design of the Reserve Ultimate Heat Sink (RUHS) for the Sizewell 'B' Power Station.



**Vibration assessment.** We have a wide range of vibration monitoring equipment to observe vibration characteristics of running machine, to identify causes of unwanted vibration and to determine the acceptability of vibration, for example, terms of fatigue or discomfort of personnel.

**Damping and dampers.** Sometimes unacceptably high levels of vibration cannot be reduced by practical design modifications. In these cases we have designed and supplied novel types of damper, tailored to the particular requirements.

