

## Kinetics Isolation Systems Survive The 1994 Northridge California Earthquake



*Kinetics FLSS rooftop isolation on a building in Culver City within one mile of the I-10 collapse.*

Kinetics Noise Control, Inc., is a worldwide supplier of engineered noise and vibration control systems for commercial and industrial applications. As part of its vibration control systems it offers seismically restrained vibration isolation products.

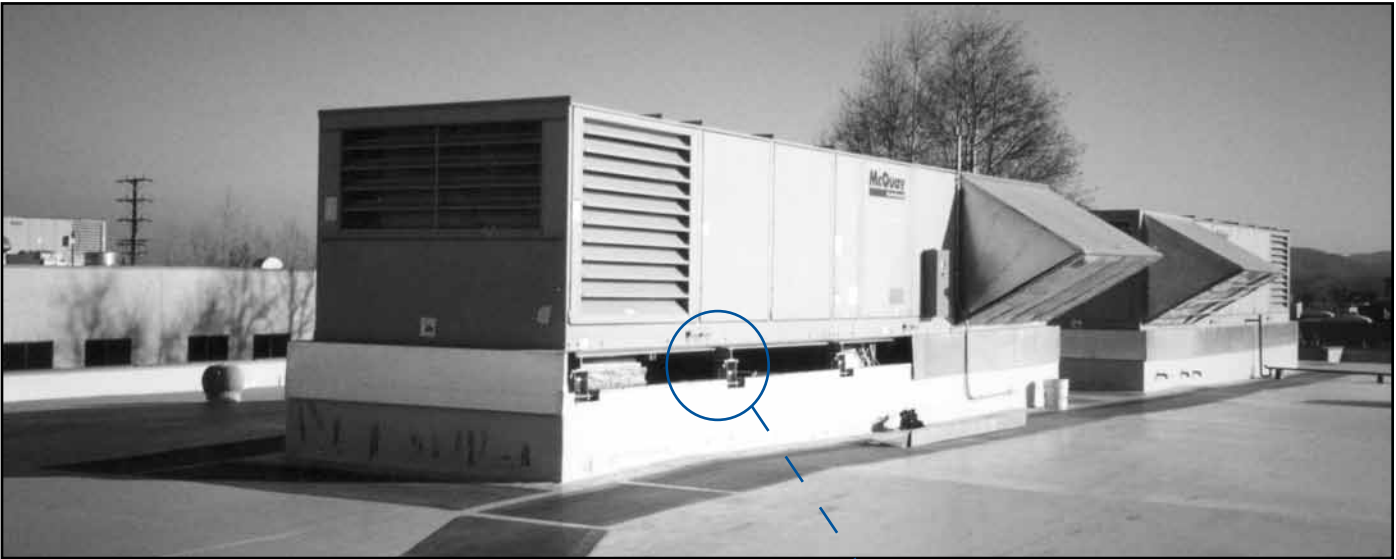
After the 1994 Northridge earthquake, Kinetics surveyed installations near the epicenter to build on its database of actual versus calculated values for earthquakes and to see how well its products survived the quake.

KNC had seismic systems under 80-and 100-ton (72 and 91 metric ton) rooftop air handlers on a number of buildings in Northridge directly across from

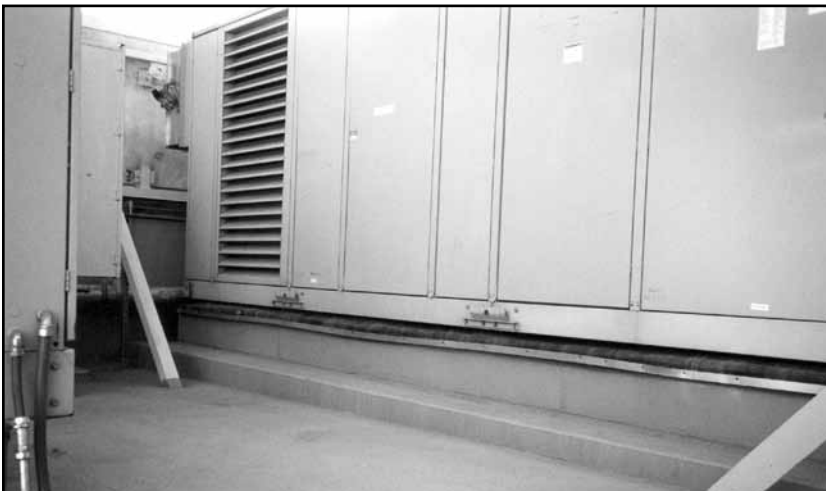
the highly publicized parking structure that collapsed. These installations, which consisted of seismically restrained roof isolation curbs and FLSS restrained spring isolators, fared the earthquake without so much as chipping the paint on the housings.

In addition to the Northridge installations, KNC also has several large rooftop isolation systems at the top of a building in the Culver City area, within a mile of the I-10 collapse. There was no evidence of any damage to the isolators or to the equipment.

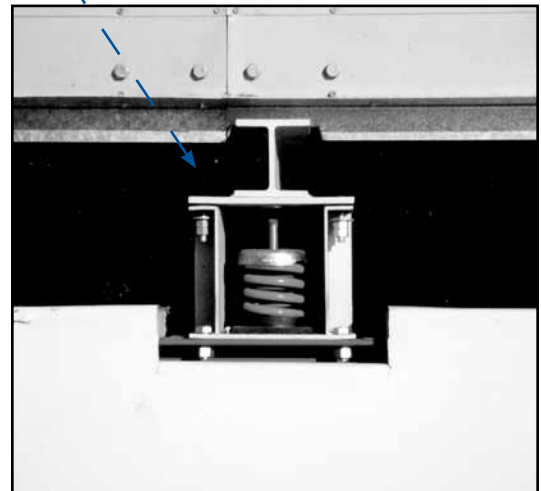
In both installations the isolated equipment was held in place and continues to operate without problems after the quake.



*Kinetics FLSS rooftop isolation system located in Northridge at the epicenter of the quake.*



*Kinetics rooftop isolation system at the same Northridge office complex.*



*Detailed view of FLSS restrained spring isolator.*



**United States**  
6300 Irelan Place  
P.O. Box 655  
Dublin, Ohio 43017  
Phone: 614-889-0480  
Fax: 614-889-0540

**Canada**  
3570 Nashua Drive  
Mississauga, Ontario  
L4V 1L2  
Phone: 905-670-4922  
Fax: 905-670-1698

[www.kineticsnoise.com](http://www.kineticsnoise.com)  
[sales@kineticsnoise.com](mailto:sales@kineticsnoise.com)

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