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**FOR DISTRIBUTION****Moore Industries' SSX and SST Safety Isolators Seismically Qualified  
For Nuclear Power Plant Use in Mild Environments**

NORTH HILLS, CA—The SSX and SST Safety Isolators from Moore Industries have passed seismic qualification testing performed by ATC Nuclear. The SSX and SST models successfully completed the seismic qualification test program and are certified by ATC Nuclear to be Class 1E seismically qualified for use in nuclear power generating stations and nuclear power plants in mild environments.

The SSX and SST were tested at ATC Nuclear's Oak Ridge, TN facility utilizing their tri-axial seismic simulation test table. The equipment was placed under a simulated seismic event including five Operating Basis Earthquakes (OBE) and one Safe Shutdown Earthquake (SSE).

Visual inspections and functional tests were conducted before, during and after each simulated seismic event to verify the structural integrity and proper function of the units.

Three elements were required for the SSX and SST to pass the seismic testing:

- Required multi-frequency random motion acceleration levels were met or exceeded as allowable by the test equipment
- No structural failures were detected during or after the seismic event
- Proper operation was observed before, during and after the testing

The SSX and SST passed the standard seismic tests in accordance with IEEE 323-1974 (the IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations) and IEEE 344-1975/87 (the IEEE Standard for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations).

exida, the industry leader for IEC 61508 functional safety product testing and certification, has certified the SSX and SST for use in an SIS up to SIL 3 in monitor mode, where only the input circuit is part of the safety function. For single use mode, the SSX and SST are approved for use in an SIS up to SIL 2.

**About Moore Industries-International, Inc.:**

Based in North Hills, CA, Moore Industries is a world leader in the design and manufacture of rail, panel and field instruments for industrial process control and monitoring, system integration and factory automation. The company has direct sales offices in the United States and additional strategic worldwide locations in Australia, Belgium, the Netherlands, the People's Republic of China and the United Kingdom. The company serves a variety of industries such as chemical and petrochemical; power generation and transmission; petroleum extraction, refining and transport; pulp and paper; food and beverage; mining and metal refining; pharmaceuticals and biotechnology; industrial machinery and equipment; water and wastewater; and environmental and pollution monitoring.

For more information on Moore Industries, visit [www.miinet.com](http://www.miinet.com).