



## **MISTRAS Group Develops On-line Monitoring System for GE 7FA Combustion Turbines**

PRINCETON JUNCTION, N.J., March 15, 2010 (GLOBE NEWSWIRE) -- MISTRAS Group, Inc. (NYSE:MG), in collaboration with Florida Power & Light Company, has developed an on-line monitoring system for detection of mid-compressor stator vane cracking in GE 7FA combustion turbines. The Acoustic Combustion Turbine Monitoring System, or ACTMS, is designed to detect crack propagation in compressor stator vanes prior to airfoil failure, thus enabling corrective action to avoid extensive downtime and repair costs.

ACTMS crack detection algorithms continuously monitor for signatures of cracking activity while discriminating against normal turbine operating noise. Multiple sensors, which are mounted externally on the compressor, enable ACTMS to locate and display the position of cracking events for engineers to quickly diagnose the indication and recommend corrective action. ACTMS can be interfaced to plant data networks or the turbine control system for warning and trip functions.

### *About MISTRAS Group:*

MISTRAS offers one of the broadest services and technology-enabled asset protection solutions portfolios in the industry used to evaluate the structural integrity of energy, industrial and public infrastructure. Mission critical services and solutions are delivered globally and provide customers the ability to extend the useful life of their assets, improve productivity & profitability, comply with government safety and environmental regulations and enhance risk management operational decisions.

MISTRAS uniquely combines its industry leading products and technologies -- 24/7 on-line monitoring of critical assets; mechanical integrity (MI) and non-destructive testing (NDT) services; and its proprietary world class data warehousing & analysis software -- to provide comprehensive and competitive products, systems and services solutions from a single source provider.

For more information, please visit the company's website at [www.mistrasgroup.com](http://www.mistrasgroup.com) or contact their worldwide headquarters at 609-716-4000.

The MISTRAS Group, Inc. logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=6966>

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