



WIRELESS VIBRATION MONITORING

Inside Nuclear Reactor Containment



The WiDAQ System is a wireless vibration data collection and analysis system for monitoring equipment inside the containment of nuclear power plants.

Data Collection in Containment

Manually collecting vibration data inside reactor containment requires balancing quantity and frequency of data collection against personnel radiation exposure. An online monitoring system that collects and transmits the data outside of containment eliminates this difficult choice. With wireless communication, the extreme cost of planning, installing, and maintaining cables in containment is eliminated.



Technical Specifications

Number of Sensors	4
Battery Life	3 Years
Wireless Communications	2.4 GHz, using Wi-Fi protocol
Size	6" x 8" x 10"
Weight	8 lbs.



**The WiDAQ System as Installed in Nuclear Containment*

For more information please contact:

Dan Beverly (Chief Technical Officer)
Extension: 112 Email: dan@ams-corp.com

Darrell W. Mitchell (Technical Services Manager)
Extension: 108 Email: darrell@ams-corp.com

Analysis and Measurement Services Corporation

AMS Technology Center
9119 Cross Park Drive
Knoxville, TN 37923, USA

TEL 865 691 1756
FAX 865 691 9344

EMAIL info@ams-corp.com
WEB www.ams-corp.com

*** 10CFR50 Appendix B Program**