



# 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"x8"x10"
Weight	8 lbs.



The WiDAQ System as installed in Nuclear Containment

## 10CFR50 Appendix B Program

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