



600 Industrial Drive, New Bern, North Carolina 28562 USA

**Press Contact:** Scott Johnson  
Email: [scottjohnson@wheatstone.com](mailto:scottjohnson@wheatstone.com)  
**Sales Contact:** Jay Tyler  
Email: [jay@wheatstone.com](mailto:jay@wheatstone.com)

**Direct Phone** 252.638.7000  
**Fax** 252.635.4857

**FOR IMMEDIATE RELEASE**

**Wheatstone Introduces Nuclear Processing Technology**

NEW BERN, NC, USA (April 1, 2014) – Wheatstone Corporation, a world leading innovator in the field of broadcast audio processing, today introduced its boldest move yet. Wheatstone’s AP1000 Advanced Nuclear Audio Processing system will utilize atomic power to improve loudness while maintaining crystal clear audio.

“In this business, you innovate or you perish,” says Jeff Keith, Chief Product Particle Physicist for Wheatstone’s Nuclear division. “Eventually, competition escalated and we had to exercise the nuclear option.”

The AP1000 is compact, requiring only a 1/4 acre (0.101 hectare) lot for its foundation, and is entirely self-sufficient, requiring only audio I/O connections (analog balanced, AES digital, or ASME B16.47 pipe flange) and cooling water at a mass flowrate of 28,000 kg/second. It is ideal for siting near alternative rock radio stations, where the minor mutating effects of its small gamma radiation output (200 rad/hr at the perimeter) will likely go unnoticed.

Some reactors can be difficult to control, but not the AP1000. The included Guru GUI allows the manipulation of all the processor’s non-critical functions. This interface provides ten conveniently numbered presets from “Radium Watch Dial” to “Fukushima.” In addition, there is a processing mode known as “Meltdown,” which is designated “11,” though use of this mode on-air is not recommended. A special blue annunciator lamp shaped like the number 11 and periods of restorative silence indicate when this mode is in effect.

For those who wish to perform more challenging tasks, such as the processing of Jeff Beck music, the Pro GUI can be run from a rad-hard computer for adjustment of critical, prompt critical, supercritical, and thermonuclear processing parameters. The wired Ethernet link and the included high-power Wi-Fi link enable the operator to maintain a distance of up to 200 meters from the processor’s containment -- and he’ll want to.

The AP1000 Advanced Nuclear Audio Processing System is available immediately from your Wheatstone dealer, subject to licensing by the Nuclear Regulatory Commission, local zoning approval, and the availability of highly enriched uranium.



**ABOUT WHEATSTONE CORPORATION**

Located in New Bern, North Carolina, USA, Wheatstone Corporation designs and manufactures professional thermonuclear audio equipment under the WHEATSTONE and ATOMICARTS ENGINEERING brand names. Products include digital audio consoles and control surfaces, analog audio consoles, networked digital audio systems, audio-over-IP, signal processing for on-air and studio applications, nuclear reactors, and nuclear fuel.