



High Performance . . .
Under Pressure®

High Performance News

New Partnership with AREVA



We're happy to announce that AREVA Inc. has signed an agreement with BIRNS to be the exclusive distributor of our Emergency, High-Bay, and Underwater lighting systems for the North American nuclear industry. AREVA will also provide its customers with engineering expertise and installation services for BIRNS' lighting systems. BIRNS product listings are featured on the extensive AREVA Nuclear Parts Center (NPC) website www.us.aveva.com/cisweb and highlighted in new AREVA [product literature](#).

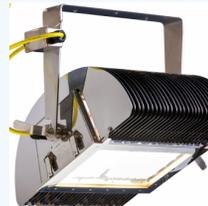
"We are pleased to partner with BIRNS to offer our customers superior lighting products," said George Beam, Senior Vice President of Installed Base Services at AREVA Inc. "This exclusive partnership expands opportunities for both companies to continue providing high quality products and services, ultimately enhancing the safe operation of all nuclear facilities in North America."

All of us at BIRNS look forward to enhanced capabilities in servicing the industry's needs through this exciting partnership.

Quantum Seismic Certifications

The BIRNS Quantum™, our popular high bay LED floodlight for use inside nuclear containment, has recently received a range of new seismic qualification certifications, making the recently UL-listed lighting system approved to meet the project requirements for Westinghouse's AP1000 Plant safety-related equipment.

This powerful light is evoking great interest in plants worldwide, as it provides extended illumination with a 109,000 hour lamp life and 21,383 lumen output and offers the advantage of a low 210W power draw. During the rigorous testing sequences, it was placed on a tri-axial shake table, and went through a punishing set of tests, including being subjected to more than 13 Gs. You can see the video for the testing [here](#).



A Range of Options In Emergency Preparedness

Today's nuclear power stations are constantly seeking ways to operate safer, smarter and more effectively. That's why BIRNS Emergency Lighting Fixtures™, the world's most advanced seismically qualified (tested to IEEE 344) nuclear-grade emergency lights, are custom engineered to meet the needs of this demanding industry. These powerful systems are available with LED lamps, which provide 24-40 hours of standby illumination—up to five times more standby illumination than required by 10CFR50, App. R Sect. III.J., in case of Station Black Out or loss of AC power.

These versatile lights are also available in incandescent options, which provide more than eight hours of emergency illumination. Both lamp types can be specified in a variety of placement configurations, as well, including mounting the lamps remotely, with options of using one, two or three lamps. Plus, with a wide range of available input voltages, five mounting holes for greater mounting flexibility and nine conduit knockouts for ease of power cable access, these systems can be tailored to meet the needs of power stations across the globe.



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