

**HIGH PERFORMANCE NEWS****In This Issue**

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**Quick Links**[CEO BLOG](#)[FOLLOW US ON TWITTER](#)[LIKE US ON FACEBOOK](#)[CONNECT ON LINKEDIN](#)[FILL OUT OUR CUSTOMER SURVEY](#)**Elite Naval Approval For BIRNS' Polyurethane Molding Facility**

Our company has been delivering high performance connector solutions to the subsea market for decades. In fact, many of our lighting products for the nuclear industry feature our own integral, marine grade connector systems, all developed and overmolded here on site by expert technicians.

As our products are trusted to perform at depths of more than 6km in the sea, as well as in demanding nuclear containment applications worldwide—we're proud to announce that our world-class molding facility is now NAVSEA S9320 AM-PRO-020 certified. The US Navy's Submarine Maintenance Engineering,

**¡Viva España!**

Senior members of our sales and engineering teams were recently asked to visit several top nuclear power stations in Spain. BIRNS was commissioned to develop and present a detailed

illumination study at Almaraz Nuclear Power Plant in Spain—our CEO Eric Birns and Mechanical Design Engineer Jeff Kirby are pictured here by the two Westinghouse pressurized water reactors, which produce about 950 MWe for the central-western part of the country.

The crew also visited stations at Cofrentes, Vandellós and Ascó for presentations to their respective engineering teams about BIRNS nuclear lighting solutions. Among the products presented were our seismically qualified BIRNS Emergency Lighting Fixture-LEDs and a wide range of unique In-air lights, Fuel Pool lights, Reactor Core Refueling lights, and Underwater Camera lights trusted in nuclear containment applications across the globe.

Our BIRNS dealer PGS Enrique Maria Hierro S.L. set up the highly successful meetings and travelled 950 km in 3 days with the intrepid crew. Great job, Sr. Hierro!

**Blazing Illumination in a Rugged, Versatile Design**

Providing high performance lighting systems for the nuclear power market requires levels of industry expertise and meticulous engineering as intense as the powerful lights themselves. That's why we developed the unique BIRNS Curie II™—the world's most advanced general purpose underwater 360° droplight. It's incredibly rugged and trusted worldwide for underwater use in areas with high levels of radiation and nuclear contamination, and for localized inspection and filming.

Perfect for use in reactor cavities, its intense light output

Planning and Procurement (SUBMEPP) department recently awarded the certification to BIRNS for Molding and Inspection Procedures for Fabricating Connector Plugs for Submarine Outboard Cables. We're thrilled to receive the coveted Navy qualification-making us one of only seven such commercial organizations in the country.

As a result, our company is now an approved vendor to fabricate, mold and inspect outboard cable assemblies and components for the Navy. This certification was granted after an extensive audit by Naval Sea Systems Command (NAVSEA) personnel.

"We are very proud that the BIRNS molding facility received PRO-020 status," says Eric Birns, President and CEO. "We've been serving the US Navy for more than 50 consecutive years with subsea lighting solutions and extreme depth connectors and cable assemblies, and this certification is a key component of our continued, growing military partnerships."



and compact size make it perfect for tight spaces requiring concentrated illumination.

Only Ø89mm, the 120V/2,000w BIRNS Curie emits a powerful 59,000 lumens of 3200K light, using ballast-less Hg-free lamps. This robust system can be relamped by hand, tool free, in 60 seconds, is rated to 100m and can be suspended by its cable for general-purpose drop light use. With 304 stainless construction throughout, it also features a redundantly-sealed stainless-steel electrical connector. This connector is fully integral to the light housing (the two are made of a single block of Type 304 stainless) and is indexed (keyed) such that it is impossible to mis-mate or damage the connectors.



The BIRNS Curie connector does not depend on the rubber-coated pin method of sealing, as seen in other competitors units. Instead, it has redundant captivated o-ring seals in stainless steel grooves, to preclude any possibility of electrical leakage.

## BIRNS Awards Deborah K. Geist Memorial Scholarship

At a recent ceremony BIRNS, Inc. awarded Miss Lindsey Footitt of Moorpark High School the first annual Deborah K. Geist Memorial Scholarship award to be used toward her collegiate studies.

The late Deborah Geist was our Purchasing Agent for many years, before her sudden and tragic passing last year. Subsequently, the company launched an annual college scholarship in her memory to encourage and recognize local high school students in Ventura County with exceptional leadership potential, committed to the pursuit of excellence in a business career.



**Lindsey Footitt of Moorpark High School Receives Scholarship from President and CEO Eric Birns**

"I'm delighted that we found such an excellent scholar for this award's inception who exemplifies leadership and academic excellence," says Eric Birns, President and CEO of BIRNS. "Miss Footitt is a driven, hard working, well rounded student who is going to go on to be a huge professional success, and our entire team is very proud to award her this scholarship."



L to R: Carol Footitt, Lindsey Footitt, Mark Footitt and  
Eric Birns President and CEO of BIRNS, Inc.



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