Innovating Nuclear Lighting for Five Decades

BIRNS has been a trusted leader in the development of powerful and unique lighting technologies since the 1970s. Over the years we’ve lowered nuclear power plant operating costs and increased safety by illuminating the toughest jobs in the plant—from reactor cores, fuel pools and hallways to polar crane high bays and mezzanine low bays. Every BIRNS floodlight, Emergency Light Fixture, drop light and bay light is designed to exceed industry requirements, perform efficiently, minimize radwaste, and improve productivity and safety.

The difference is like night and day...

That’s what we’re hearing from our customers using the new BIRNS Lumena-6™ LED floodlight. The 85,000 lumen BIRNS Lumena-6 is an advanced, brilliant underwater LED system that reduces nuclear fuel handling costs and enhances safety by bringing daylight visibility to a range of pools inside containment. This plug-and-play lighting solution offers flexibility and simplicity, featuring an integrated onboard water cooled power driver, so a single mains power outlet is all that is needed on the surface. It features an 80,000 hour lamp life and ultra-high efficiency reflectors, with either spot or flood options.