Five Decades of Leading the Industry

BIRNS has been providing trusted lighting solutions to the global nuclear power industry since the 1970s. Today our advanced, seismically qualified HPSV, LED and halogen lighting systems illuminate reactor cores, spent fuel pools, aid in localized inspection and refueling operations and illuminate large work areas inside containment worldwide.

We continue to innovate in this competitive market, introducing new lighting systems for these demanding environments, like our groundbreaking seismically qualified, UL-listed BIRNS Quantum™ and Quantum-C™. These powerful high bay LED lights have more than 21,000 lumens and a 109,000 hour lamp life, and feature an exclusive breather system to withstand leak rate testing at full pressure. They save plants power with a low 210 Watt draw—all while providing safer, more efficient working conditions inside containment.

BIRNS Quantum-C™

Our Emergency Lighting Fixture-LEDs™ help nuclear stations worldwide to achieve B.5.b (EA-02-026) Post-Fire Safe-Shutdown, providing 24-40 hours of backup illumination in case of SBO or loss of AC power. They have a 35 Watt total system power draw, and a 35,000 hour lamp life, and like all BIRNS lighting systems, have rugged containment-grade materials and construction.

We are committed to providing excellence in nuclear lighting solutions to the industry, and look forward to the next fifty years of helping nuclear power stations enhance safety and efficiency.

BIRNS®

High Performance . . . Under Pressure®

www.birns.com

QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

BIRNS' Quality Management System is ISO 9001:2015 Certified; NRC 10CFR50, App. B Compliant