

PB Portable, Battery-Powered
RF Reactor Floor
U Underwater

Alphasource, Inc., Philadelphia, PA (C, CL, E, EP)

◆ **BIRNS, Inc., Oxnard, CA (HC, RF)**

Curtiss-Wright Nuclear Division, QualTech NP,
Cincinnati, OH (E)

Diakont, Carlsbad, CA (U)

Ericson Manufacturing, Willoughby, OH (C, EP)

E.S. Fox Limited, Niagara Falls, Ontario, Canada
(C)

Exelon PowerLabs, Coatesville, PA (E, PB)

Framatome Inc., (North American Headquarters),
Lynchburg, VA (E, P, PB, RF, U)

◆ **Fram Safety Products, Inc., Rock Hill, SC (C, E,
PB)**

Lights Camera Action, LLC, Gilbert, AZ (CL, HC,
P, RF, U)

◆ **Mirion Technologies, Inc., (Sensing Systems Div.),
Horseheads, NY (P, U)**

Nuclear Systems Associates, Inc., Brea, CA (E, HC)

Nu-Energy Technologies, Inc., Providence Forge,
VA (C, CL, E, P, PB, RF, U)

Radium Inc., Waynesboro, VA (C, E, HC, P, PB,
RF, U)

Radlamp, Grass Valley, CA (E, PB)

Sidus Solutions, LLC, San Diego, CA (U)

Western Sling and Supply Co., (part of the Bishop
Lifting Products Family of companies), Sedalia,
CO (E)

45700 Liners, Pool

Bilfinger Noell GmbH, (Dept. BEV), Wuerzburg,
Germany

Framatome Inc., (North American Headquarters),
Lynchburg, VA

Fuel Tank Maintenance Co., LLC, Cookeville, TN

◆ **Reef Industries, Inc., (Griffolyn, Div. of Reef
Industries, Inc.), Houston, TX**

◆ **Underwater Construction Corp., (Underwater
Construction Corp. UK Ltd.), Essex, CT**

Underwater Engineering Services, Inc., (UESI),
Fort Pierce, FL

46200 Loops, Test

IP In-Pile

OP Out-of-Pile

Framatome Inc., (North American Headquarters),
Lynchburg, VA (OP)

Merrick & Company, Greenwood Village, CO (IP,
OP)

SIET, Piacenza, Italy (OP)

46810 Lubricants

AS Anti-Seize (High Purity)

RR Radiation-Resistant

Canoil Canada Ltd, Mississauga, Ontario, Canada
(RR)

Curtiss-Wright Nuclear Division, Nova,
Middleburg Heights, OH (AS)

General Magnaplate Corp., Arlington, TX (AS,
RR)

◆ **Paragon Energy Solutions, (Formerly ATC Nuclear
and Nuclear Logistics), Fort Worth, TX (RR)**

United Controls International, Norcross, GA (AS)

**46950 Machining Services—also see Metal
Components & Structures**

CN Computerized Numerical Controlled

C Conventional

ED Electrical Discharge (EDM)

F Field

L Lapping

MD Metal Disintegration Machining

PA Plasma Arc Cutting

R Remote

S Shearing

UW Underwater

Advanced Consulting Group, Inc., Chicago, IL
(CN, C, ED, MD, PA, R, S, UW)

◆ **AGI Engineering, Inc., Stockton, CA (CN, C, PA)**

◆ **Alaron Nuclear Services, (Veolia Nuclear Solutions
Federal Services - Alaron), Wampum, PA (CN, C)**

◆ **American Crane & Equipment Corp.,**

Douglassville, PA (CN, C, PA)

AMMI Risk Solutions, Inc., Eagan, MN (CN, C,
ED, F, PA, R)

Aptim, Baton Rouge, LA (F, R)

BWX Technologies, Inc., Lynchburg, VA (CN, C,
ED, F, MD, PA, R)

◆ **CFM/VR-TESCO, LLC Continental Field**

Machining, Elgin, IL (CN, C, F, L)

Curtiss-Wright Nuclear Division, Nova,
Middleburg Heights, OH (ED)

Curtiss-Wright Nuclear Division, QualTech NP,
Cincinnati, OH (CN, C, ED)

DB2 Consulting Inc., Baltimore, Ontario, Canada
(CN)

Diakont, Carlsbad, CA (R, UW)

Advanced Emergency Lighting Technology

BIRNS ELF-LED™ delivers 3-5 times more standby illumination than required by 10CFR50, App. R Sect. III.J

- 24 to 40 hours of illumination in case of SBO or loss of AC power (10CFR50.63)
- Seismically qualification per IEEE-344
- UL listed
- Custom engineered for use inside primary nuclear containment
- LED lamp life of 35,000 hours (L70); Low 35W system power draw
- 864 lumens
- Slim design (only 90mm depth)
- Wide voltage input range (115-277 VAC)
- Sealed maintenance-free batteries
- Helps comply with NRC EA-12-049/SECY-11-0124, especially near-term actions 4.1 and 4.2, and 10CFR50.54 (hh)(2).

Designed in accordance with UL 924, "Emergency Lighting Equipment"
and NFPA, "National Electrical Code."

BIRNS®

www.birns.com



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