JULY 2023 • ISSUE 14

THESOURGE

GET TO KNOW OUR

High-Quality Instrumentation Repair, Calibration, and Rental Services







Left: Repair and calibration staff Middle: Multiple Cs-137 calibrators for low and high-range meter dose rate calibrations (open beam calibrator shown) Right: Large repair parts supply Below: Air sampler bench



Instrument Calibration

- · Fully licensed facility
- NIST-traceable calibrations
- ASME NQA-1, 10CFR50 App B Quality Assurance Program
- · Procedures consistent with ANSI N323A-D
- NUPIC-audited program
- · CNSC-reviewed program procedures
- Electronic database / Records tracking
- Rapid turnaround

Instrument Repair

- · Expert technical staff with more than 50 years of combined shop experience
- Familiar with most major brands
- More than 100 calibrated measuring and testing instruments
- · Large parts inventory

Wide Variety of Rentals

- · Radiation survey meters
- Contamination monitors
- Air sampling equipment and instruments
- Laboratory and analytical equipment
- Waste assay systems including ISOCS
- Weekly and monthly rates available
- Long-term / project rental rates
- On-line ordering with fast response

Manufacturers

- Bicron
- Canberra
- DCA
- Eberline
- F&J Specialty
- Gilian
- Siemens

Ludlum

NDS

Thermo

SAIC-Radeco

WB Johnson

Hi-Q

Visit us online: https://instruments.energysolutions.com













Long-Term Rental Program

Energy Solutions' Long-Term Rental Program provides customers with radiation monitoring equipment for a time period sufficient to justify substantial discounts of standard month-to-month rental rates. Additionally, the program provides instrumentation management assistance for customers and their projects, including tracking of calibration due dates, notification, and replacement of instruments prior to their expiration date to ensure continuous use of needed instruments, and simplification of ordering process (i.e., additional web site orders not required for replacement instruments). The program offers the following benefits:

- Automatic reduction in rental rate over time based on total rental period.
- Tracking of calibration due dates of rented equipment (where applicable) and notification to customer when equipment calibration due dates are approaching.
- Replacement of equipment with expiring calibration (prior to expiration date) upon confirmation by customer that replacements are needed without the need for additional instrumentation order (i.e., replacement instrument is tracked as part of continuous service of original order).
- · Free ground shipping of replacement instruments and return of instruments with expired calibration if returned in timely manner.

Meet Energy Solutions' Instrumentation and Calibration Leader



JEFF DICKINSON

Jeff Dickinson is the Energy Solutions' Instrumentation and Calibration Manager. He is a radiological engineer with over 40 years of experience in the nuclear

industry, including the US Navy, commercial nuclear power, academia, and private industry. His specific experience includes radiation monitoring instrumentation calibration and repair, gamma spectroscopy, NDA waste assay systems and methods, and radiological assessments. Jeff's education includes BS in Physics and MS in Nuclear Engineering. He has been ABHP certified (i.e., Certified Health Physicist or CHP) since 1998.



Specialized instruments



Gamma spectroscopy systems







Dosimeters (SRDs, EPDs)



Gamma survey meters



Air sampling equipment



Data loggers & assorted detectors



Radionuclide identifiers



Neutron meters



ISOCS









