





ISO 9001 and 14001 Certified

# Innovative solutions for the nuclear industry

We listen to our customers. We understand both the constant and the changing needs you face. That's why the nuclear industry turns to ENS for its most important worker safety needs.

# Radiological and industrial safety apparel services

- Radiological laundry services
- Leasing programs, launderable apparel and accessories
- New UniWear<sup>™</sup> disposable and dissolvable apparel
- New ColorSized<sup>™</sup> program for easy size identification

# Automated laundry monitors

 Conveyorised, radiological monitors with optimum efficiencies

# Decontamination and respirator services

 Exclusive provider of EPRI-developed DFDx processes for economical decontamination of

- closed-loop systems with hard-to-reach internal surfaces
- Metal and tool decontamination services
- Respirator cleaning and testing services
- Personnel fit testing

# Off-Site HEPA air handling unit services

- Repair, maintenance and storage
- Assessments and maintenance history reports

## **New Mobile Safety Store**

- Custom-packed trailer delivered directly to your site!
- Radiological and industrial safety apparel, accessories and consumable items



## **Apparel Services**

## Radiological laundry services

UniTech Services Group is the world leader in radiological laundering and protective clothing programs. With strategically located facilities and a fleet of vehicles and mobile units, we provide the dependability and high standards our customers demand.

- All garments are processed according to type and contamination level
- Our large wash capacities provide optimum mechanical agitation to enhance garment cleaning and guarantee rapid turnaround
- Each customer's garments are laundered separately and all process equipment is cleaned between customers, eliminating cross-contamination

### **Garment leasing programs**

Your primary business is not managing a protective garment program – ours is. With an ENS leasing program, we manage garment inventory, storage, maintenance and LLW disposal. What's more, you will reduce your costs for peak-need reserves, storage, inventory, maintenance and capital financing.

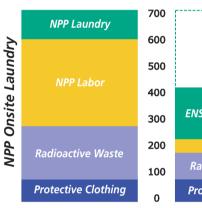


Microprocessor controlled chemical injection systems maximise cleaning efficiencies.



# Cost Comparison NPP/ENS Laundry Service

k (€)



€ 280,000
Potential
Savings
Per Year

ENS Laundry Service

NPP Labor
Radioactive Waste

Protective Clothing











### Launderable apparel

ENS creates the standard for nuclear protective clothing, from its innovative ProTech Plus garments to its Anti-C /FR series and SiteWear modesty/scrub garments. We also provide protective clothing shipping, storage and delivery services, as well as economical launderable bags and accessories from glove liners to launderable tarps, mops and wipers. With our own manufacturing facilities, we can provide customers with specialty products.

# UniWear™ single-use apparel

Especially during shutdown periods, some customers now want to utilise disposable or dissolvable apparel. ENS's new UniWear™ is the premier line of disposable coveralls for the nuclear industry.

Our disposable SoftTech coverall provides maximum comfort and ease of wear. ShieldTech is an unbeatable disposable barrier coverall.

ENS has taken the lead in developing cost-effective, comfortable dissolvable garments for shutdown periods or everyday use. Our new DsolvTech™ coverall facilitates environmentally appropriate garment disposal, neatly addressing customer priorities.

### New ColorSized™ program

ENS's new ColorSized™ size identification program accelerates garment selection in controlled-side change rooms. Rubber gloves, shoecovers and coverall sizes can be instantly identified through this color-coded system. Saves time on inventory room management, too.





# Automated laundry monitors

Our systems feature upper and lower banks of gas-flow detectors plus synchronised wire mesh conveyors to minimise the distance between detector and garment, and optimise counting geometry.

Our Alpha/Beta Laundry Monitors use 100 cm<sup>2</sup> beta detectors and 600 cm<sup>2</sup> alpha detectors in a double offset probe arrangement. Each detector features its own on-board amplifier to maximise efficiency. The PC-based counting instrumentation simplifies operation and allows higher inspection rates for any required monitoring sensitivity.

Our Low Activity Monitors (LAM 410) use 410 cm<sup>2</sup> detectors and digital instrumentation for monitoring to very low levels of activity (such as free release criteria).



## R&D

UniTech Services Group's ongoing research and development provides:

- Proprietary wash formulas tailored to garment compositions, isotopic mixes and soil levels
- The industry's best fabrics and construction techniques

# Decontamination and respirator services

# Tool and metal decontamination

Our advanced tool and metal decontamination services feature cleaning methods such as multimedia abrasive blast, CO2 and high-pressure water laser. We provide high recovery rates while significantly reducing radwaste volume.

### **Respirator services**

Respirator services include cleaning, disinfecting, inspecting and monitoring full-face respirators to comply with all regulatory requirements. We perform all respirator cleaning in an enclosed, negative pressure controlled environment. We offer respirator filter testing and rental respirators.





# Off-Site HEPA air handling unit services

Portable HEPA air units are typically not maintained in a manner that supports their continued use.

That's why ENS offers offsite HEPA ventilation and vacuum cleaner services, including maintenance, storage, repair and testing. This includes complete assessment of the units you have on hand and recommendations to make them completely operable. We keep a detailed maintenance history report on file for every one of the HEPA air handling units we service.



Don't tie up capital and storage space. Let ENS manage your HEPA units.

## **New Mobile Safety Store program**

Now, ENS can meet your on-site needs – including last-minute requirements – for a broad range of accessories and consumable items as well as radiological and industrial safety apparel.

Over 15,000 safety products can also be purchased online at our safety Web site www.shopunitech.com.





# Our Customers... Our Company

ENS values and benefits from the input and experience of its customers. As a part of UniTech Services Group, we were the world's first licensed radiological laundry in the 1950s, and we are the world's largest provider of radiological laundry and protective wear programs today. Our commitment to meeting and anticipating customer needs has led us to develop the new safety services, programs and products that we offer now.

ENS and UniTech Services Group are subsidiaries of UniFirst, one of North America's largest workwear and textile service companies. UniFirst employs nearly 8,000 people and serves over 150,000 customer locations.



#### **Licensed Facilities Worldwide**



\*Future facilities planned.



## **UniTech U.S. Locations**

UniTech Services Group, Inc. 295 Parker Street P.O. Box 51957 Springfield, MA 01151 Toll free: 800-344-3824

Tel: 413-543-6911 Fax: 413-543-6989 E-mail: info@unitech.ws www.unitech.ws

#### ISO 9001 Certified, ISOQAR

Springfield, MA<sup>1</sup> Morris, IL
Royersford, PA Ontario, CA
Oak Ridge, TN Honolulu, HI
Barnwell, SC Richland, WA

Macon, GA

<sup>1</sup>Also ISO 14001 Certified.

#### **Other Locations**

Gardner, IL Santa Fe, NM

\*Future location: Pickering, Ontario, Canada



Certificate number 968/95



Group Company



Certificate number 968/95

## **ENS Locations**

Euro Nuclear Services B.V. De Mars 11 NL-7742 PT Coevorden The Netherlands

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#### www.ensservices.com

\*Future location: Aix-en-Provence, France