

Radwaste Solutions 2012 BUYERS GUIDE

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7th Annual Index to Categories

This Index to Categories is a standardized listing of the products and services, with their code numbers, to be used in the upcoming 7th Annual *Radwaste Solutions* Buyers Guide. The Index will assist you in either (a) filling out a New Company Listing form or (b) adding categories to your existing listing. Products and services are listed alphabetically and are numerically coded. To add more categories to your listing, simply click on the "Browse Categories" link within the listing page online

and check the box next to the appropriate code numbers and product category descriptions and they will be added to your company profile. There is NO CHARGE for this listing!

New Company Listings and Verification Forms (for existing listings) must be updated online. Companies with existing listings will need a unique link in order to access their online listing (look for an e-mail from <rsbg2012@ans.org> with your link, or contact the advertising department today).

A

Abrasives—also see *Cleaning Equipment*

- 00300100 Bonded
- 00300200 Coated
- 00300250 Lapping & Polishing Grits
- 00300300 Non-Woven Fiber
- 00400

Absorbers, Nuclear Radiation—also see *Neutron Absorbers; Sorbents*

Access Control Systems, Personnel—see *Security Systems*

Air-Conditioning & Ventilation Equip.—also see *Dampers; Filter Housings; Filters; Training*

- 03000100 Air-Conditioning
- 03000150 Air Distribution Nozzles
- 03000200 Air Dryers
- 03000300 Air Filtration Units
- 03000320 Air Handling
- 03000350 Chillers
- 03000380 Condensing Units
- 03000420 Dehumidifiers
- 03000480 Ductwork
- 03000540 Evaporative Coolers
- 03000580 Fans & Blowers
- 03000600 Louvers
- 03000640 Ventilation
- 03000700 Ventilation, Portable
- 03000710 Ventilation, Test Equipment

Air Filters—see *Filters*

Air Purification Systems—see *Respiratory Protection Equipment*

03180 **Alarm Status Reporting & Control Systems**

Alarm Systems—also see *Emergency Warning Systems; Security Systems*

- 03200050 Anti-Intrusion
- 03200100 Audible Signal
- 03200130 Criticality
- 03200150 Fire
- 03200170 Flow Rate
- 03200200 Level
- 03200250 Limit
- 03200300 Pressure
- 03200350 Radiation
- 03200400 Reactivity Transient
- 03200430 Recorded Voice, Digital (Multiple Messages)
- 03200450 Visual Signal

Analysis

- 03800030 Chemical
- 03800040 Design Basis
- 03800050 Due Diligence
- 03800080 Elemental, Isotopic
- 03800120 Environmental
- 03800160 Equipment Qualification
- 03800200 Failure, Electrical/Electronic
- 03800240 Failure, Metallurgical
- 03800300 Finite Element
- 03800360 Fuel Cycle & Fuel Performance
- 03800400 Geotechnical

- 03800420 Helium
- 03800440 Hydrological
- 03800455 Laser-Based
- 03800460 Loose Parts
- 03800470 Lubrication
- 03800480 Materials
- 03800640 Risk
- 03800800 Seismic
- 03800830 Shielding
- 03800850 Site Characterization
- 03800860 Siting
- 03800890 Stress
- 03800910 Sump/Strainer Blockage (Reg. Guide 1.82)

- 03800920 Thermal
- 03800950 Vibration
- 03800960 Waste

Analyzers

- 04000100 Air
- 04000150 Coincidence & Anti-Coincidence
- 04000160 Density
- 04000170 Dissolved Hydrogen
- 04000180 Dissolved Oxygen
- 04000200 Effluent
- 04000300 Gas
- 04000400 Gas, Containment
- 04000420 Hydrazine
- 04000450 Multi-Paramater
- 04000500 Off-Gas Hydrogen
- 04000600 Oxygen
- 04000610 Portable Multichannel
- 04000620 Post-Accident Sampling (O₂ & H₂)
- 04000650 Pulse-Height, Multi-Channel
- 04000660 Pulse-Height, Single-Channel
- 04000690 Silica
- 04000700 Sludge
- 04000750 Sodium
- 04000800 Steam
- 04000850 Time-of-Flight
- 04000860 Total Organic Carbon
- 04000870 Viscosity
- 04000880 Waste-Gas, Oxygen & Hydrogen
- 04000900 Water

Annunciators—see *Alarm Systems; Display Systems*

Aprons—see *Clothing, Protective*

06790 **Asbestos Abatement/Removal Services**

B

Badge Services—see *Health Physics Services*

Bag Monitors—see *Monitors, Radiation, Area & Special-Purpose*

Bags—see *Health Physics Equipment & Supplies*

06950 **Bar-Coding Devices & Supplies**

Barriers—see *Security Structures*

Behavioral Observation—see *Consultants; Security Serv.; Training*

Beta-Shielding Labwear, Sheeting—see *Clothing, Protective, Anti-C; Shielding Materials*

Bibs—see *Clothing, Protective*

Blankets, Lead Wool—see *Shielding Materials*

Boots—see *Clothing, Protective*

Borescopes—see *Remote-Viewing Instruments*

Bricks, Shielding—see *Shielding Materials*

Bubble Suits—see *Clothing, Protective, Anti-Contamination*

C

Cable, Electrical—also see *Connectors; Wire*

- 08800050 Coaxial
- 08800100 Control
- 08800130 Data Communications
- 08800190 Fiber Optic
- 08800200 Flame-Resistant
- 08800300 High-Temperature
- 08800400 Instrumentation
- 08800450 Mineral-Insulated, Metal-Jacketed
- 08800500 Power
- 08800550 Prefabricated Assemblies
- 08800600 Radiation-Resistant
- 08800620 Repair, In-Site
- 08800650 Umbilical Cord, Nuclear Grade (Robotic)
- 08800700 Underwater

09730 **Calciners**—also see *Radioactive Waste Handling & Treatment Equipment*

Calibration Services—also see *Health Physics Services*

- 09800100 Electrical Test Equipment
- 09800150 Electronic Test Equipment
- 09800170 Flow
- 09800200 Instrumentation & Control
- 09800250 Pressure, Temperature, Humidity
- 09800300 Radiation Measuring
- 09800400 Tools, Physical/Dimensional/Mechanical

Cars, Railroad

- 09950100 Cask-Handling
- 09950150 Liners

Casks—see *Containers*

Chemicals, Decontamination—see *Decontamination*

Chillers—see *Air Conditioning & Ventilation*

Cleaning (Clothing)—see *Health Physics Equipment; Health Physics Services*

Cleaning Equipment—also see *Decon. Chem. & Equip.; Health Phys. Equip.*

- 10780060 Abrasive
- 10780070 Cavity Pool
- 10780100 Chemical Services
- 10780240 Parts Washers
- 10780290 Pipe Cleaning
- 10780360 Pressure Washing

- 10780430 Robotic
10780500 Steam
10780570 Tube Cleaning
10780640 Ultrasonic
10780710 Underwater
10780780 Vacuum
10780850 Vacuum Blasting, Abrasive
10780920 Water Jetting, High-Pressure
10780930 Water Jetting, High-Pressure, Abrasive
- Cleaning Services**—see
Decontamination
- Clothing, Protective, Anti-Contamination**—also see
Respiratory Protection Equipment
- 10850050 Bubble Suits
10850100 Coveralls
10850150 Coveralls, Lightweight, Breathable
10850200 Disposable
10850300 Gloves
10850400 Head Coverings
10850500 Lab Coats
10850540 Modesty Garments, Lightweight, Breathable
10850550 Scrub Shirts & Pants
10850600 Shoe Covers
- Clothing, Protective, Other Than Anti-Contamination**—also see
Respiratory Protection Equip.
- 10900100 Bibs & Aprons
10900200 Coveralls
10900250 Coveralls, Lightweight, Breathable
10900300 Face Shields
10900400 Footwear
10900500 Gloves, Grinding
10900550 Gloves, Welding
10900600 Goggles/Spectacles
10900700 Hard Hats
10900750 Hat Liners
10900800 Hearing Protection Devices
10900820 Helmets, Fire
10900840 Lab Coats
10900870 Modesty Garments, Lightweight, Breathable
10900900 Rainwear
10900910 RF Shielding
10900930 Scrub Suits
10900950 Splash Sleeves
10900970 Vests, Cool
- Cloths, Wiping**—see *Wipers, Wiping Cloths*
- Cleaning**—see *Decontamination Chemicals, Equip. & Services*
- Coatings**—also see *Consultants; Corrosion Inhibitors; Testing Serv.*
- 11400020 Cable
11400050 Concrete Sealing/Restoration/Contamination Control
11400100 Corrosion-Resistant
11400200 Floor Toppings
11400300 Insulation-Related
11400500 Low-Chloride
11400600 Strippable
- Communications**—see *Consultants; Information Services*
- Communication Systems**—also see
Emergency Warning Systems; Security Systems
- 11650100 Face Mask Accessories
11650200 Headsets
11650300 Paging
11650320 Repeated Message Tape/Speaker Boxes
11650350 Telephone Conferencing (Audio)
11650360 Telephone Conferencing (Video)
11650400 Telephonic (Computerized Calling/Answering)
11650500 Two-Way Radio
11680
11700
- Compactor Disks, for Drums**
- Compactors**—also see *Radioactive Waste Treatment Equipment; Solid Waste Reduction Equip.*
- Compressed Air Pressure Vessels**—see *Respiratory Protection Equipment; Vessels*
- Computer Software**—also see *Imaging, Digital; Records Management Sys.; Steam Gen. Maint.*
- 12800010 Artificial Intelligence
12800040 Cable Management
12800080 Configuration Management/Control
12800100 Contract Administration
12800140 Critical Path Scheduling
12800160 Custom Development
12800180 Data Base Management
12800220 Decontamination Management
12800260 Dosimetry
12800300 Drawing & Document Control
12800330 Economic Analysis
12800340 Education/Training
12800360 Electrical Analysis
12800380 Emergency Planning
12800420 Emergency Response (In-Plant)
12800460 Engineering Analysis
12800500 Environmental Monitoring
12800510 Equipment Status/Tagout Tracking
12800520 Expert Systems
12800530 Fault-Tolerant Automatic Control
12800550 Failure/Root Cause Trending
12800560 Fire/Safety
12800610 Instrument Calibration
12800620 Inventory Control (Equipment, Supplies, etc.)
12800660 Maintenance Control
12800720 Operator Scheduling
12800740 Piping System Design & Analysis
12800780 Plant Design
12800840 Procedure Status/Tracking
12800850 Project Management
12800860 Quality Assurance/Quality Control
12800870 Radiological Control/Health Physics
12800880 Reliability Analysis
12800890 Reportability Evaluation
12800900 Risk Analysis
12800910 Security
12800915 Simulation
12800920 Software Maintenance/Control
12800925 Software Packages
12800930 Special Nuclear Material Tracking
12800935 Spectroscopy
12800940 Technical Specification Systems
12800950 Telerobotics
12800960 Trending
12800980 Waste Management
12800990 Water Chemistry Management
- Computers & Accessories**—also see
Data Acq. Sys.; Data Readout
- 12900050 Analog
12900060 Artificial Intelligence Systems
12900070 Color Graphics
12900080 Converters
12900100 Digital
12900110 Disk Drives
12900120 Expert Systems
12900130 Hand-Held
12900150 Hybrid
12900500 Input/Output Interface Units
12900540 Main Frame
12900550 Mass Storage Units
12900600 Memory Units
12900610 Micro
12900650 Microprocessor Circuit Boards
12900660 Mini
12900750 Printers
12900800 Tape Drives
12900850 Video Display Units
- Concentrators**—see *Radioactive Waste Handling & Treatment Equipment*
- Concrete Breaking, Drilling, Sawing & Scabbling**
- 13050050 Contractors
13050100 Equipment
13050150 Equipment Rental
- Connectors**—also see *Feedthroughs*
- 13400020 Data Communications
13400100 Electrical
13400200 Electrical, Glovebox
13400250 Electrical, Quick Disconnect
13400300 Fiber Optic
13400400 Thermocouple
13600
- Consoles, Control Consultants**—also see *Analysis; Training*
- 14000010 Air Cleaning, Filtration
14000020 Chemical Process Design
14000030 Coatings/Corrosion
14000040 Communications, Management-Employee
14000050 Component/System Design & Analysis
14000060 Computer Systems & Software
14000070 Configuration Control
14000080 Contract Administration
14000090 Cranes & Hoists
14000100 Criticality Hazard Evaluation
14000110 Decontamination
14000115 Decommissioning
14000125 Earth Science Services
14000130 Economic Analysis, Trade-off Studies
14000140 Emergency Planning & Response
14000150 Environmental
14000160 Equipment Condition Monitoring
14000170 Fire Protection
14000210 Fuel Transport/Storage
14000360 Lightning Protection
14000370 Maintenance
14000380 Management Audit
14000400 Management Information & Control Systems
14000480 Meteorology
14000490 Noise Abatement
14000510 Organization Development
14000525 Performance Measurement
14000530 Personnel Stress/Health
14000550 Piping
14000590 Procurement Support
14000600 Project Planning & Management
14000630 Quality Assurance/Quality Control
14000640 Radiation Management
14000650 Radiological Engineering
14000720 Records Management Systems
14000725 Reengineering, Organization
14000730 Regulatory Compliance
14000770 Risk Analysis
14000830 Security
14000840 Seismic
14000860 Shielding
14000870 Simulation Services
14000880 Siting
14000920 System Engineering-Requirements Analysis
14000930 Systems Testing
14000950 Training Evaluation, Management
14000960 Trend Analysis & Corrective Action Programs
14000970 Waste Management
14000990 Water Treatment
- Containers**—also see *Radioactive Waste Handling; Shielding Materials*
- 14300030 Bulk
14300150 Casks, Radwaste
14300200 Casks, Spent-Fuel Shipping
14300210 Casks, Spent-Fuel Storage
14300230 Component
14300280 Drum Breather Filters
14300300 Drum Liners/Inserts
14300350 Drums
14300450 Gamma Source Shipping
14300480 Gamma Source Storage
14300485 Groups 1, 2 and 3 Containers (per IAEA)
14300490 High-Integrity (HIC)
14300510 Liners/Inserts, LSA Containers
14300530 LSA Containers, IAEA
14300540 LSA Containers, Strong-Tight
14300620 On-Site Storage Containers, High-Level
14300630 On-Site Storage Containers, Low-Level
14300650 Overpacks
14300700 Soft-Sided/Flexible
14300750 Soil
14300800 Type A Containers
14300820 Type B Containers
- Containment Enclosures, Radiological**—see *Health Phys. Equip.; Rad. Waste Handling Equip.*
- Containment Gas Analyzers**—see *Analyzers*
- Contamination Control**—see *Cleaning Equip.; Decontamination; Health Physics*
- Cooling Systems, Body**—see *Health Physics Equipment*
- Corrosion Inhibitors**
- Counters, Detectors, Radiation**—also see *Monitors*
- 17650
17950050 Alpha
17950100 Beta
17950150 Gamma
17950200 Neutron

17950250 Combinations of Above
 17950260 Desk-Top
 17950270 Dose Rate, Emergency Range
 17950280 Floor-Standing
 17950290 Flow
 17950300 Geiger-Mueller Type
 17950320 Germanium Detectors
 17950350 Ion Chamber Type
 17950360 Ion-Implanted Silicon Detectors
 17950370 Low-Background Alpha/Beta
 17950380 Modular
 17950390 Portable
 17950400 Proportional Counters
 17950430 Scintillation Counters, Liquid
 17950450 Scintillation Counters,
 Radioimmunoassay
 17950460 Scintillation Counters, Solid-State
 17950500 Solid-State Semiconductor Type
 17950520 Wipe Test Counters
 17950530 X-ray
Coveralls—see *Clothing, Protective*
Crane Safety Systems
 18590050 Anti-Two-Blocking (Conversion)
 18590100 Single-Failure-Proof
Cranes & Hoists
 18600020 Control System Upgrade/Replacement
 18600040 Controls, Radio
 18600080 Cranes, Conventional, to 300-Ton Cap.
 18600120 Cranes, Conventional, to 500-Ton Cap.
 18600160 Cranes, Heavy-Lift, to 1000-Ton Cap.
 18600180 Cranes, Heavy-Lift, to 2500-Ton Cap.
 18600280 Double-Girder, Top-Riding
 18600320 Electric
 18600380 Fuel Building Cranes (Cask Handling)
 18600440 Gantry
 18600480 Hand Chain-Operated
 18600540 Lug-Mounted Hoists
 18600580 Monorail Hoists
 18600660 Radwaste Storage Facility
 18600760 Semi-Gantry
 18600800 Single-Failure-Proof
 18600840 Single-Girder, Top-Riding
 18600880 Single-Girder, Under-Riding
 18600920 Spent Fuel Pool Cranes

D

19450 **Dampers**
 19450100 Air-Flow Control
 19450150 Backdraft
 19450200 Fire
 19450260 High-Energy Line Break
 19450300 Isolation
 19450400 Isolation, Bubble-tight
 19450500 Tornado Protection
 19450600 Volume
Data Acquisition/Handling Systems—also see *Computers*
 19700050 Analog
 19700100 Digital
Data Readout Devices, Terminals & Accessories—also see *Computers*
 20000100 Oscillographic
 20000200 Plotters, Digital
 20000300 Plotters, X-Y
 20000400 Printers
 20000430 Recording Charts
 20000450 Recording Pens, Disposable
 20000500 Strip Chart Recorders
 20000600 Video Display
Decommissioning Services
 20300050 Decontamination
 20300070 Demolition
 20300100 Dismantling
 20300150 Engineering Support Services
 20300200 Radiological Surveys
 20300300 SAFSTOR
 20300400 Transportation, Intermodal
 20300500 Transportation, Rail
Decon Mats—see *Health Physics Equipment & Supplies*
Decontamination Chemicals, Equip. & Services—also see *Cleaning Equip., Health Physics Equip.*
 20350200 Abrasive Cleaning
 20350250 Chemical Decontamination

20350260 Chemicals
 20350270 Concrete Scabbling
 20350280 Cryogenic Cleaning (CO₂)
 20350290 Drainline
 20350300 Electropolishing
 20350340 Equipment
 20350350 Hand Scrubbing
 20350400 High-Pressure Freon
 20350420 High-Pressure Water
 20350440 Ice Blasting (Wet Ice)
 20350450 Laser Decontamination
 20350470 Plugs & Seals
 20350480 Services
 20350490 Soil Washing
 20350500 Strippable Coatings
 20350550 Ultra-High-Pressure Water
 20350600 Ultrasonics
 20350630 Vacuum Blasting, Abrasive
 20350650 Vibratory Finishing
Detectors, Radiation—see *Counters, Detectors; Monitors*
 22200 **Detectors, Valve Position**
Detergents—see *Decontamination Chemicals, Equipment & Services*
 22410 **Dewatering Systems & Supplies**—also see *Waste Mgmt. Services*
 22430 **Diaphragms, Storage Tank**
Disks, Compactor—see *Compactor Disks, for Drums*
Disposal, Radwaste—see *Waste Management Services*
Diving Services
 22700100 Cutting/Burning
 22700200 Decontamination
 22700300 Equipment Installation/Realignment
 22700400 Grouting
 22700450 Inspection
 22700500 Maintenance
 22700600 Metals Joining (Other Than Welding)
 22700700 Welding, Dry Box
 22700800 Welding, Wet
Document Storage & Retrieval—see *Records Management Systems*
Dosimeter Chargers—see *Health Physics Equipment*
Dosimeters, High-Range—see *Health Physics Equipment*
Dosimeters, Personnel—see *Health Physics Equipment; Monitors, Radiation, Personnel*
Dosimetry Services—see *Health Physics Services*
Dosimetry Systems, Computerized—see *Health Physics Equipment*
Drum Breather Filters—see *Containers*
Drum Capping Machines, Remote—see *Rad. Waste Handling Equip.*
Drum Cutting Machines—see *Radioactive Waste Handling & Treatment Equipment*
 24080 **Drum Locking Devices**
Drum Monitors—see *Monitors, Radiation, Area & Special-Purpose*
Drum Washing Systems—see *Radioactive Waste Handling Equipment*
Drums, Drum Inserts—see *Containers*
Dry Cleaning—see *Health Physics Equipment; Health Physics Services*
Dry Ice Blasting—see *Decontamination Chemicals, Equip. & Services*
 24170 **Dryers, Wet Solids**—also see *Radioactive Waste Handling & Treatment Equipment*

E

Education—see *Training*
Electronic Instrumentation & Supplies—also see *Analysis*
Electronic Signal Isolators—see *Isolators, Electronic Signal*
Electropolishing—see *Decontamination Chemicals, Equipment*
Element Analysis—see *Analysis*

Emergency Lighting Systems—see *Lights, Lighting*
Emergency Medical Equipment Services—see *Health Physics Equipment; Health Physics Services*
Emergency Planning—see *Computer Software; Consultants; Training*
Emergency Response Equipment
 25250100 Radiation Detection/Survey Meters
Emergency Warning Systems (Public)—also see *Communications*
 25300100 Sirens, Electronic
 25300200 Sirens, Mechanical
 25300210 System Readiness Reporting Systems
 25300220 Telephonic, Computerized
 25300250 Tone Alerting Radios
 25300300 Voice Alert (Public Address)
 25350 **Emergency Warning Systems (Worker)**
Employment/Personnel Support Services—also see *Consultants*
 Agencies
 25400150 Craft Labor Support, Temporary
 25400250 Executive Recruitment
 25400300 Full-Time Permanent Personnel
 25400350 Technical, Professional Support, Temporary
Encapsulation, Radioactive Source Enclosures, Radiological Containment—see *Health Physics Equipment*
Environmental Analysis—see *Analysis; Consultants; Health Physics Services*
Environmental Laws & Regulation—see *Training*
Environmental Monitoring Equipment—also see *Monitors, Radiation, Area*
Environmental Monitoring Services—also see *Health Physics Serv.; Rad. Monitoring Serv.*
Equipment Rental
 26230030 Air Conditioning
 26230060 Chillers
 26230070 Containers
 26230080 Cooling Towers
 26230100 Detectors, Explosives
 26230150 Detectors, Weapons
 26230200 Hydraulic Systems
 26230300 Instruments, Radiation Detection
 26230700 Radiochemistry Labs, Mobile
 26230730 Remote-Operated Vehicles
 26230750 Scaffolding
 26230760 Spot-Coolers
 26230780 Underwater Cameras
 26230785 Vacuum Systems (HEPA Filtered)
 26230790 Valve Testers (Off-Line)
 26230800 Ventilation Systems, HEPA Filtered
 26230850 Video Inspection Systems
 26230900 Whole-Body Counting Units
 26240 **Equipment Sales, Surplus**
Evaporators, Waste—see *Dryers, Wet Solids; Radioactive Waste Handling & Treatment Equipment*
F
Face Mask Communications—see *Communications Systems*
Fall Protection Equipment & Devices, Construction & Maintenance
Feedthroughs, Bulkhead—also see *Sleeves, Wall*
 26910100 Electrical
 26910200 Fiber Optic
Fiber Optic Cable—see *Cable*
Fiber Optic Components & Systems—also see *Cable; Connectors; Feedthroughs; Remote-Viewing*
Film Badge Services—see *Health Physics Services*
Film Badges—see *Monitors, Radiation, Personnel*
Filter Housings
 26970
 27180

27180100 Bag In/Bag Out
 27180200 Manual Changeout
 27180300 Remote Changeout
 27180400 Side Access
 27180500 Walk-In

Filters—also see *Containers*
 27450100 Air
 27450200 Carbon
 27450300 Cloth, Straining
 27450320 Debris
 27450350 Disposable
 27450400 HEPA
 27450500 Hydraulic
 27450600 Lubricating Oil
 27450620 Stainless Steel, Porous, Backwash
 27450630 Stainless Steel, Porous, Backwash, Ultrasonic
 27450640 Stainless Steel, Porous, Blowback
 27450660 Stainless Steel, Sintered
 27450680 Thin-Film
 27450685 Ultrafiltration
 27450690 Vacuum (HEPA)
 27450700 Water (Conventional)
 27450800 Water Purification
 27450900 Water/Steam, High-Pressure
 27450950 X-ray

27650 **Filters, Neutron (CdS)**—also see *Neutron Absorbers*
Fit-Testing, Respirator—see *Health Physics Services; Respiratory Protection Equipment*
Fitness-for-Duty—see *Consultants; Security Serv.; Training*
Floodlighting—see *Lighting*
Friskers—see *Monitors, Radiation, Personnel*
Fuel Element Consolidation (Spent Fuel)
 30040100 Services
 30040200 Systems

Fuel Handling Equipment & Systems
 30500050 Computer Control Systems
 30500100 Fuel Transfer Equipment
 30500200 In-Pile Inspection & Manipulation
 30500250 Quick Closures, Fuel Transfer Tube
 30500300 Refueling Equipment
 30500350 Refueling Shielding
 30500400 Service Platform Modification/Upgrade

Fuel Shipping Containers—see *Containers*
Fuel Storage Services—see *Storage Services*
Fuel Transfer Equipment—see *Fuel Handling Equipment*

G

Gas Analyzers—see *Analyzers*
Gas Detectors, Monitors—see *Detectors; Monitors, Other Than Radiation*
Gas Handling Equipment—also see *Analyzers, Gas; Filters*
 32250050 Adsorbers
 32250100 Circulators
 32250200 Gas Generators
 32250250 Hydrogen Combiners
 32250300 Mixers, Proportioners
 32250350 Off-Gas Treatment Systems
 32250400 Purifiers
 33200

Gases
Geiger-Mueller Tubes—see *Detector Heads*
Glass, Radiation-Shielding—see *Shielding Materials; Windows*
Gloves—see *Clothing, Protective*
Goggles—see *Clothing, Protective*
 36900 **Grouts**
Guard Stations—see *Security Structures*
Guards—see *Security Services*

H

Hats—see *Clothing, Protective*
Health Physics Equipment &

Supplies—also see *Counters; Monitors, Rad.; Resp. Prot.; Samplers*
 37130040 Bags
 37130080 Biomedical Radiation-Counting Systems
 37130120 Body Cooling Systems
 37130160 Decon Mats
 37130180 Decon Trailers, Mobile
 37130200 Dosimeter Chargers
 37130220 Dosimeter Vests, Caps, Arm & Leg Bands
 37130240 Dosimeters, High-Range (Mega R)
 37130280 Dosimeters, Personnel
 37130290 Dosimetry Systems, Computerized
 37130300 Dosimetry Systems, Real-Time Remote
 37130330 Drain Socks
 37130340 Emergency Medical Equipment & Supplies
 37130360 Enclosures, Radiological Containment (Temporary)
 37130380 Filter Test Equipment
 37130400 Heat Stress Monitors
 37130440 Labels, Warning
 37130570 Metalized Sheeting
 37130580 Mops, Roll, Tacky
 37130600 Phantoms, Radiation-Dosimetry
 37130640 Planchet Changers, Automatic
 37130680 Planchets, Counting
 37130720 Respirator Tracking Systems
 37130760 Scanners, Isotope Distribution
 37130800 Sheeting, Plastic
 37130840 Signs, Warning, Radiation
 37130880 Smears, Swipes
 37130900 Stretch Wrap Film
 37130920 Tapes, Warning
 37130960 Tubing, Plastic
 37130970 Wheel Covers
 37130980 Wipers, Tacky

Health Physics Equipment & Supplies, Disposable/Soluble
 37160010 Equipment & Floor Covers
 37160030 Mops, Wet
 37160050 Wipers

Health Physics Recordkeeping Systems—see *Records Mgmt. Systems*
Health Physics Services—also see *Decontamination; Rad. Monitoring Serv.; Waste Mgmt. Serv.*
 37200060 Badge Services, Film
 37200100 Badge Services, TLD
 37200140 Bioassay
 37200160 Breathing Air Quality Analysis
 37200180 Calibration
 37200220 Dosimetry Services
 37200300 Environmental Impact Analysis
 37200340 Hazard Communication (Employee)
 37200380 Industrial Hygiene Services
 37200400 Industrial Radiology
 37200420 Industrial Toxicology
 37200440 In-Plant
 37200450 Laboratory Services
 37200460 Laundry Services, Dry Cleaning
 37200480 Laundry Services, Extraction
 37200500 Laundry Services, Wet Wash
 37200520 Medical Review Officer Services
 37200540 Procedures Writing
 37200580 Quality Assurance, Quality Control
 37200620 Radiochemistry Services
 37200660 Radiological Engineering
 37200700 Radioimmunoassay Services
 37200740 Regulatory Compliance Support
 37200780 Respirator Fit Testing
 37200820 Respiratory Equipment Cleaning, Repair & Testing
 37200860 Surveys
 37200890 Training, Health Physics
 37200920 Training, Maintenance Support
 37200950 Urinalysis
 37200980 Whole-Body Counting Services

Health Testing, Employee—see *Health Physics Services*
Hearing Protection Devices—see *Clothing, Protective; Monitors, Noise; Silencers*
Heat Exchangers & Equipment—also see *Computer Software*
 37600200 Coil
 37600250 Heat Pipe
 37600300 Plate/Tube

37600350 Refacing Equipment (On-Site)
 37600400 Shell/Tube
 37600500 Sodium/Air
 37600600 Sodium/Sodium
 37600650 Sodium/Water
 37600700 Wet Surface Air Coolers

Hoists—see *Cranes & Hoists*
Homeland Security Products—see *Security Services; Security Structures; Security Systems & Devices*
 39650 **Hydraulic Systems & Components**—also see *Consultants; Pumps, Other*
Hydrogen Analyzers—see *Analyzers*
Hygiene Services, Industrial—see *Health Physics Services*

Ice Blasting—see *Decontamination Chemicals, Equipment & Services*
Imaging, Digital
 39960100 Consulting Services
 39960200 Hardware
 39960300 Radiographic Scanning
 39960350 Real-Time
 39960400 Software

Incineration—see *Radioactive Waste Handling; Waste Management Services*
Indicators
 40050050 Flow
 40050080 Laminar Flow
 40050090 LEDs
 40050100 Level
 40050150 Pressure
 40050200 Temperature
 40050250 Vibration

Indicators, Radiation—see *Counters; Health Physics Equip.; Monitors*
Information Services
Inserts, Drum—see *Containers*
Inspection Services—also see *NDT; Video Services*
 40900030 Control Rods & Drives
 40900050 Cranes & Hoists
 40900060 Dimensional
 40900070 Diaphragms, Storage Tank
 40900073 Electric Motors
 40900074 Electromechanical Equipment
 40900080 Fuel, Irradiated
 40900100 In-Service
 40900200 Inspection Agency, ASME Code
 40900300 Microscopy, Scanning
 40900400 Nondestructive Examination
 40900440 Pipeline
 40900445 Pipe Supports
 40900500 QA/QC
 40900530 Safety, Industrial
 40900540 Siren Systems
 40900545 Solenoids
 40900550 Structures
 40900560 Tanks & Pools
 40900600 Visual, Remote
 40900620 Welding
 40900640 Underwater, Remote, In-Service

Inspection Systems, X-ray—see *Security Systems*
Instrument Services—also see *Calibration Services; Health Physics Services*
Instrumentation, Electronic—see *Electronic Instrumentation & Supplies*
Instrumentation, Misc.
 41015100 Analyzer, Total Uranium (Water, Soils, Bioassay)
Instrumentation, Seismic—see *Seismic Instrumentation*
Instruments, Particle-Measuring—see *Particle-Measuring Instruments*
Insulation, Thermal
 41200100 Blanket
 41200200 Cable
 41200300 Cable Tray
 41200330 High-Temperature
 41200360 Metal Reflective
 41200380 Nuclear Quality (Q Materials)

41200400 Pipe and Tube
Iodine Filters, Samplers—see *Filters (Carbon; HEPA); Gas Handling Equip. (Absorb.)*

L

Lab Coats—see *Clothing, Protective*
Labels—see *Tags & Labels; Health Physics Equipment & Supplies*
Laboratories, Mobile
 44000100 Analytical Services, On-Site
 44000200 Environmental Analysis
Laundry Services, Contaminated Clothing—see *Health Physics Services*
Laundry Systems, Contaminated Clothing—see *Health Physics Equipment*
Lead Glass—see *Windows*
Leak Detectors, Monitors—see *Detectors, Leak; Monitors, Other Than Radiation*
Lights, Lighting
 45550100 Construction
 45550150 Emergency
 45550170 Hot Cell
 45550200 Pool, Nuclear
 45550250 Portable, Battery-Powered
 45550300 Reactor Battery
 45550400 Underwater
Liners, Container, Drum—see *Containers*
Liners, Hat—see *Clothing, Protective*

M

Maintenance Equip.—see *Decontamination; Cleaning Equip.*
Maintenance & Repair Services—also see *Filter Serv.; Steam Gen. Maint.; Testing Services*
 47400010 Bolt-Maintenance
 47400020 Bus Bar Insulating (Epoxy Coating)
 47400030 Concrete
 47400040 Condenser
 47400050 Construction
 47400055 Control Rod Drives
 47400060 Cooling Towers
 47400065 Cranes & Hoists
 47400075 Diesel Generators
 47400080 Electrical Equipment
 47400090 Expansion Joints
 47400100 Freeze Plugging/Sealing (Pipe)
 47400110 Fuel Assemblies
 47400120 Fuel Transfer Equipment
 47400130 General
 47400150 Heat Exchangers
 47400170 HVAC Equipment
 47400190 Hydraulic Equipment
 47400210 Leak Repair, Concrete
 47400220 Loose Parts Retrieval
 47400250 Mechanical Seals
 47400270 Motors, Electric
 47400320 Outage Management Services
 47400340 Penetration Seals
 47400360 Pipe Cleaning, Internal (Bio-Fouling)
 47400365 Pipe Repair & Replacement
 47400380 Pool Liner Inspection & Repair
 47400390 Post-Tensioning System Surveillance
 47400400 Power Apparatus
 47400450 Protective Coatings
 47400460 Pump & Motor, Main Coolant
 47400470 Pump Inspection & Repair
 47400480 Radiation Measuring Devices & Systems
 47400485 Radiation Shielding
 47400490 Radiation-Shielding Windows
 47400520 Reactor Internals
 47400600 Refueling Equipment
 47400640 Remote Inspection/Repair
 47400645 Rotating Machinery Alignment
 47400650 Rotating Machinery, Vibration Monitoring (Predictive)
 47400700 Screens, Traveling
 47400720 Seal Table/Flux Thimbles
 47400730 Security Systems, Anti-Intrusion

47400760 Snubbers
 47400800 Spent-Fuel Racks
 47400805 Stud/Nut Removal
 47400810 Tank Cleaning, Fuel Storage
 47400820 Trash Racks
 47400830 Tubesheet, Epoxy Cladding
 47400900 Underwater Repairs
 47400930 Valve Actuators
 47400940 Valve Repair, Recertification
 47400960 Valve Testing, Off-Line
 47400970 Valve Testing, On-Line
 47400980 Water Intake Cavity Cleaning (Bio-Fouling)

47600 **Manipulators, Remote**—also see *Remote Control, Handling & Positioning Devices*

Mapping Services

47620100 Automated
 47620200 Conventional
 47630

Markers, Identification

Masks—see *Respiratory Protection Equipment*

Medical Equipment, Services,

Emergency—see *Health Physics Equipment; Health Physics Services*

Meteorological Equipment—also see *Environmental Monitoring Equipment*

51730100 Anemometers
 51730200 Barometers
 51730300 Humidity Sensors
 51730400 Precipitation Sensors
 51730500 Solar Radiation Sensors
 51730600 Temperature Sensors

Mockup Design & Fabrication—also see *Training Materials*

53950100 Control Room
 53950200 Equipment
 53950300 Local & Remote Control Panels

Monitoring Services, Radiation—see *Health Physics Serv.; Radiation Monitoring Serv.*

Monitors, Heat Stress—see *Health Physics Equipment*

Monitors, Heat Stress—see *Health Physics Equipment*

Monitors, Other Than Radiation

54750030 Air In-Leak
 54750060 Cable Condition
 54750080 Check Valve
 54750100 Chlorine
 54750150 Cooling Water System
 54750160 Corrosion
 54750200 Filter Efficiency
 54750300 Fuel Element (Ex-Reactor)
 54750330 Gas
 54750350 Humidity, Integrated Leak Rate Test
 54750400 In-Line Process
 54750500 Loose Parts
 54750600 Machinery Condition
 54750700 Noise
 54750780 Service Water System
 54750800 Temperature
 54750900 Vibration
 54750920 Water Chemistry
 54750950 Weld

Monitors, Radiation, Area & Special-Purpose—also see *Environmental; Radiation Monitoring*

55040030 Air, Alpha, Continuous
 55040050 Air, Particulate
 55040055 Automated Floor Survey System
 55040060 Bag
 55040080 Conveyorized Waste
 55040090 Drum/Barrel
 55040100 Fixed-Area
 55040110 Floor Contamination
 55040130 Food Contamination
 55040150 Gas Effluent
 55040160 Gate
 55040200 Liquid Effluent
 55040220 Microwave & RF Radiation
 55040230 Mobile (Aircraft)
 55040235 Mobile (Vehicular)
 55040260 Outstations
 55040280 Perimeter
 55040310 Pipe/Lumber
 55040320 Portable Survey Meters
 55040330 Radon

55040340 Scrap, Radioactive
 55040370 Tool
 55040390 Tritium
 55040400 Tritium, Portable
 55040450 Underwater

Monitors, Radiation, Personnel—also see *Health Physics Equipment; Monitors, Microwave & RF*

55060030 Audible Alarm (Electronic)
 55060050 Doorway
 55060100 Film Badges, Films
 55060150 Hand-and-Foot
 55060200 Pocket Ion Chambers
 55060250 Thermoluminescent Dosimeters (TLD)
 55060300 Whole-Body
 55060305 Whole-Body, Mobile

Monitors, Waste—see *Monitors, Radiation, Area & Special-Purpose*

Mops, Roll, Tacky—see *Health Physics Equipment*

N

Neutron Absorbers—also see *Filters, Neutron; Shielding Design; Shielding Materials*

55490400 Boric Acid
 55490430 Boron Carbides
 55490440 Boron Carbides, Enriched (B-10)
 55490450 Boron, Natural
 55490500 Boron, Enriched (B-10, B-11)
 55490600 Other Boron Compounds
 55490640 Burnable Poisons
 55490650 Cadmium
 55490700 Cadmium Sulfide
 55490730 Encapsulated
 55490750 Gadolinium
 55490760 Grain
 55490770 In Matrices
 55490780 Metal Matrix Composites
 55490790 Molded Shapes
 55490810 Pellets
 55490830 Plates

Noise Monitors—see *Monitors, Other Than Radiation*

Nondestructive Testing

56600300 Acoustic Emission
 56600400 Eddy Current
 56600450 Equipment Sales
 56600500 Dye Penetrant
 56600600 Fluorescent Penetrant
 56600630 Flux Leakage
 56600640 Ground Penetrating Radar
 56600660 Infrared
 56600700 Magnetic Particle
 56600800 Radiographic
 56600850 Radiographic, Real-Time Imaging
 56600870 Residual Stress
 56600880 Services
 56600900 Ultrasonic
 56600950 Underwater

P

Panels, Shielding—see *Shielding Materials*

Pants—see *Clothing, Protective*

Particle-Measuring Instruments

Pens—see *Markers*

Periscopes—see *Remote-Viewing Instruments*

Personnel Screening, Investigation—see *Security Services*

Personnel Screening, Stress/Health—see *Consultants; Health Physics Services*

Pipe—also see *Cleaning Equip.*

59800030 Carbon Steel, Seamless
 59800040 Chrome Moly
 59800045 Copper
 59800050 Lead
 59800070 Nickel-Cobalt, Seamless
 59800100 Plastic-Lined
 59800200 Seamless
 59800300 Stainless

- 59800400 Stainless, Seamless
59800500 Titanium
59800600 Titanium, Seamless
59800700 Zirconium
59800800 Zirconium, Seamless
- Pipe Cleaning Services**—see *Maintenance Services*
- Pipe & Tube Machinery & Equipment**—also see *Cleaning Equip. (Tube Cleaning)*
- 59850050 Bending, Pipe
59850100 Bending, Tube
59850150 Beveling, Pipe
59850200 Beveling, Tube
59850250 Crimpers, Tube
59850300 Cutting, Pipe
59850350 Cutting, Tube
59850400 Cutting, In-Place
59850450 Expanders, Tube, Hydraulic
59850500 Expanders, Tube, Mechanical
59850510 Instrumentation Tubing, Orbital Welding
59850530 Primary, Orbital TIG Welding
59850540 Rounding & Sizing
59850550 Threading, Pipe
59850600 Weld End Preparation
- Pipeline Inspection**—see *Inspection Services*
- Plugs**—also see *Decontamination Chemicals, Equip. & Services*
- 61570030 Condenser Tube
61570050 Control Rod Drive Housing
61570070 Feedwater Heater
61570100 Freeze Plugs
61570150 Hot & Cold Leg (Remotely Installed)
61570200 Isolation
61570210 Main Steam Line
61570220 Moisture Separator Reheater
61570230 Pipeline
61570250 Reactor Pressure Vessel Drain Line
61570270 Reactor Vessel Nozzle
61570300 Recirculation Outlet Nozzle
61570350 Steamline (Remotely Installed)
61570400 Stud Hole
61570500 System Test
- Polishing Grits**—see *Abrasives*
- Portal Monitors**—see *Monitors, Radiation, Personnel (Doorway)*
- Printers**—see *Computers & Accessories; Data Readout Devices*
- Probes, Radiation**—see *Counters, Detectors*
- Protective Clothing**—see *Clothing*
- 64300 **Protective Coverings & Tarpaulins**
- Pumps, Centrifugal**
- 64700040 Condensate & Circulating Water
64700090 Engineered Class III
64700110 Heater Drain
64700140 Non-Code Radwaste
64700200 Nuclear Class II
64700240 Primary Coolant
64700290 Reactor Feed
64700310 Service Water, Non-Code
64700320 Service Water, Nuclear Class III
64700340 Small Class III Including Radwaste
- Pumps, Other**
- 64750050 Air-Operated
64750095 Cleanup
64750100 Containment Air/Gas Sampling
64750120 Diaphragm, Hydraulically Actuated
64750150 Hand-Operated
64750200 High-Pressure
64750300 Hydraulic
64750400 Jet
64750500 Metering & Proportioning
64750600 Positive-Displacement
64750650 Sealless Reciprocating
64750700 Slurry
64750800 Sodium
64750850 Special-Purpose
64750900 Vacuum
- R**
- Racks, Fuel Storage**—also see *Storage Systems, Spent-Fuel*
- 66280100 Conventional
66280200 High-Density
- Radiation Detection Films**—see *Monitors, Radiation, Personnel*
- Radiation Detectors**—see *Counters, Detectors; Detector Heads; Health Phys. Equip.; Monitors*
- Radiation Dosimeters**—see *Health Physics Equip.; Monitors, Radiation, Personnel*
- Radiation Indicators**—see *Counters; Monitors; Reactor Instrumentation*
- Radiation Management**—see *Consultants; Health Physics Serv.; Records Mgmt. Systems; Training*
- Radiation Monitoring Serv.**—also see *Envir. Monitoring; Health Phys. Serv.*
- 67380100 Analog Systems
67380200 Design, Retrofit
67380300 Digital Systems
67380400 Maintenance
67380500 Mobile (Vehicular)
67380600 Sample Encapsulation
67380700 Smear Sampling, Area/Environmental
67380800 Testing & Calibration
- Radiation Monitors**—see *Monitors, Radiation, Area; Monitors, Radiation, Personnel*
- Radiation Protection Recordkeeping Systems**—see *Records Management Systems*
- Radiation Protection Training**—see *Health Physics Services; Training*
- Radiation-Shielded Containers**—see *Containers*
- Radiation Shielding**—see *Neutron Absorbers; Shielding; Windows*
- Radioactive Waste Disposal, Low-Level**—see *Waste Management Services*
- Radioactive Waste Management Services**—see *Waste Management Services*
- Radioactive Waste Handling & Treatment Equip.**—also see *Solid Waste Reduction*
- 68000100 Calciners
68000200 Compactors
68000250 Concentrators (Cross-Flow Filter)
68000270 Crushers, Scintillation Vials
68000280 Drum Capping Machines, Remote
68000310 Drum Cutting Machines
68000340 Drum Washing Systems, Automatic
68000360 Evaporators
68000400 Furnaces for Glass Melting
68000420 Gas Compressors
68000450 Incinerators
68000470 Liners
68000475 Liquid Volume Reduction
68000500 Packaging
68000510 Robotic
68000520 Secondary Containment Products
68000550 Shredders (Volume Reduction)
68000600 Solidification
68000650 Sorters, Sorting Tables
68000690 Storage Systems, On-Site, High-Level
68000700 Storage Systems, On-Site, Low-Level
68000800 Waste Tracking & Accountability Systems (Computerized)
- Radioisotopes**
- 68950050 Calibration Standards
68950100 Foils
68950120 Gases, Calibration
68950150 Labeled Compounds
68950200 Primary & Processed
68950250 Radiation Standards
68950300 Radiochemicals
68950350 Radioisotopes, Medical
68950400 Radiopharmaceuticals
68950420 Recycling
68950450 Sealed Sources
- Radiological Containment Enclosures**—see *Health Physics Equipment*
- Radiological Engineering**—see *Consultants; Health Physics Services*
- Radios**—see *Communication Systems; Emergency Warning Systems*
- Radon Detection**—see *Monitors, Radiation, Area*
- 71190020
71190030
71190050
71190100
71190200
71190300
71190400
71500
- Railroad Cars**—see *Cars, Railroad*
- Recording Charts, Pens**—see *Data Readout Devices & Accessories*
- Records Management Systems**
- Configuration Management
Document Storage & Retrieval
Drawing Control
Health Physics
Operations Recording
Spare Parts
Training
- Refrigeration**—also see *Cooling Systems, Body*
- Remote Control, Handling & Positioning Devices & Sys.**—also see *Robotic Devices*
- 72300050 Artificial Intelligence/Expert Systems
72300070 End Effectors, Grippers, & Wrists
72300100 Remote Control
72300200 Remote Handling
72300300 Remote Positioning
72300400 Robotics
- Remote-Viewing Instruments & Systems**
- 73300100 Binoculars
73300200 Borescopes, Flexible
73300300 Borescopes, Rigid
73300350 Infrared
73300370 Monocular Scopes, Viewing/ALARA
73300400 Periscopes
73300500 Radiation-Resistant
73300600 Submersible
73300700 Telescopes
- Rental, Equipment**—see *Equipment Rental*
- Resin Regeneration**—see *Waste Management Services*
- Respirator Tracking Systems**—see *Health Physics Equipment*
- Respiratory Equipment Cleaning, Repair & Testing**—see *Health Physics Services*
- Respiratory Protection Equip.**—also see *Clothing, Prot.; Health Phys. Serv.*
- 73550100 Air Purification Systems
73550200 Compressors
73550300 Fit-Testing Systems
73550400 Respirator Cleaning Systems
73550450 Respirator Drying Systems
73550500 Respirators, Air-Line
73550600 Respirators, Air-Purifying
73550620 Respirators, Combination Type
73550650 Respirators, Powered Air-Purifying
73550660 Resuscitators
73550700 Self-Contained Breathing Apparatus
73550705 SCBA Boost Pumps
73550710 SCBA (Escape)
73550720 SCBA Filling Stations
73550730 SCBA Flow Testing & Services
73550740 SCBA Software
73550800 Storage Systems (Cleaned Equipment)
73550900 Vessels, High-Pressure, Air
- Robotic Devices, Systems**—also see *Remote Control*
- 73620100 CAD-Driven
73620200 Condenser, In-Service Inspection
73620250 Force/Torque Sensors
73620270 Nuclear
73620300 Reactor Vessel Head, ISI
73620400 Submersible
-
- S**
- Safety Belts**—see *Fall Protection*
- Samplers & Sampling Systems**
- 74150050 Air (Carried by Personnel)
74150100 Air Particulate
74150200 Automatic Systems
74150300 Evaporator Concentrate
74150500 Gas
74150550 Iodine
74150600 Liquid
74150650 Metallurgical
74150700 Real-Time Remote
74150800 Stack Sampling
74150900 Waste

74320	Sampling Systems Services —also see <i>Radiation Monitoring Services</i>				
	Scabbling, Concrete —see <i>Concrete Breaking, Drilling; Decontamination Chemicals & Equipment</i>				
	Scaffolding —also see <i>Shoring; Training</i>				
74350020	Conventional				
74350040	Modular				
74350060	Scaffold Plank				
74350080	Suspended Type				
74350100	Tube & Clamp Type				
	Seals —also see <i>Decontamination Chemicals & Equipment; Plugs</i>				
75190050	Ceramic-Metal Assemblies				
75190060	Conduit Seal				
75190080	Equipment Storage Pool				
75190100	Flat Gasketing				
75190120	Flat Gasketing, Radiation-Resistant				
75190130	Flux Thimble Seal				
75190150	Hydraulic				
75190200	Inflatable				
75190220	Inspection Port				
75190250	Mechanical, Shaft				
75190260	Mechanical, Shaft, Reactor Circulating Pump				
75190300	Metal (O-Rings, C-Rings, etc.)				
75190320	Nuclear Instrumentation Cover				
75190350	Penetration				
75190370	Reactor Cavity Pool				
75190380	Sealing Systems, Compressed Rubber				
75190400	Sealing Systems, Fluid				
	Secondary Containment Products —see <i>Rad. Waste Handling & Treatment Equip.</i>				
75500	Security Enforcement Products				
	Security Services —also see <i>Consultants; Testing, Psych.; Training</i>				
75600050	Analysis				
75600070	Drug Testing				
75600080	Engineering				
75600100	Guards				
75600150	Screening & Investigation				
	Security Structures				
75700010	Barbed Wire, Tape				
75700030	Barrier-Gates				
75700050	Fences				
75700070	Gate Operators				
75700090	Gates				
75700100	Guard Stations				
75700105	Gunports, Bullet-Resistant				
75700110	Lockers, Weapon Storage				
75700120	Security Booths (Man-Trap)				
75700140	Turnstiles				
75700150	Wall Panels, Bullet-Resistant				
75700200	Windows, Bullet-Resistant				
	Security Systems & Devices —also see <i>Consultants; Detectors, Explosives</i>				
75850050	Anti-Intrusion, Indoor				
75850100	Anti-Intrusion, Outdoor				
75850350	Asset Protection (Anti-Removal), Electronic				
75850400	Automated Security Patrol Robot				
75850500	Computerized				
75850550	Fully Integrated				
75850560	Homeland Security Devices				
75850570	Intruder Detection (Laser, Microwave/Infrared)				
75850580	Explosives Trace Detection				
75850600	Metal (Weapon) Detectors				
75850650	Night Vision Scopes & Devices				
75850700	Personal Alarm				
75850750	Personnel Access Control				
75850760	Railcar, Remote Tracking and Cargo Monitoring				
75850770	Thermal Weapon Sights				
75850800	Vehicle Access Control				
75850830	Video Surveillance Systems (CCTV)				
75850850	Video Transmission Systems				
75850900	Water Intake, Anti-Intrusion				
75850950	X-ray Inspection Systems				
	Seismic Analysis, Qualification —see <i>Analysis; Consultants; Testing Services; Training</i>				
76400	Seismic Instrumentation & Testing				
77600	Servomechanisms				
	Shears, Velocity Limiter —see <i>Solid Waste Reduction Equipment</i>				
	Sheeting, Plastic —see <i>Health Physics Equipment & Supplies</i>				
77750	Shielding Design, Radiation —also see <i>Analysis; Consultants</i>				
	Shielding Materials, Rad. —also see <i>Containers; Doors; Neut. Absorbers; Windows</i>				
77800030	Acrylic Sheeting Products, Beta-Shielding				
77800050	Aggregates, High-Density Concrete				
77800100	Blankets				
77800150	Blocks, Concrete, Lead-Core				
77800155	Blocks, Concrete, High-Density				
77800200	Blocks, Modular				
77800220	Boron Carbide Grain & Shapes				
77800250	Bricks, Composite				
77800300	Bricks, Lead				
77800350	Castable Shielding Materials				
77800400	Castings, Composite				
77800450	Castings, Lead				
77800470	Castles, Lead				
77800500	Collars, Streaming				
77800550	Container Wraps				
77800600	Criticality Control				
77800620	Curtain Shields				
77800650	Frisker Shields				
77800670	Gamma/Neutron Composite				
77800690	Glass, X-ray				
77800710	In-Vessel Shields				
77800715	Lead Free				
77800720	Lead Plastic				
77800730	Low-Level Shields, Lead/Steel				
77800750	Pipe Wraps/Sleeves				
77800800	Plugs, Closures				
77800805	Polyethylene				
77800807	Polyethylene, Borated				
77800820	Refueling Shields				
77800850	Thermal Neutron Materials				
77800870	Tungsten Alloys				
77800900	Wall Panels				
77800950	Water Shields, Modular (Gamma/Neutron)				
	Shipping Containers —see <i>Containers</i>				
	Shirts —see <i>Clothing, Protective</i>				
	Shoes, Shoe Covers —see <i>Clothing, Protective</i>				
77900	Shoring —also see <i>Scaffolding</i>				
	Sirens —see <i>Emergency Warning Systems; Inspection Services</i>				
78700	Sleeves, Wall (Pipe)				
	Sludge Analyzers —see <i>Analyzers</i>				
	Solid Waste Reduction Equipment & Tools, Radioactive				
79360050	Containment				
79360100	Control Rod Crushers, Reducers				
79360200	Neutron Window Reducers				
79360250	Packaging				
79360300	Stellite Ball Punches				
79360400	Underwater Reduction Tools				
79360500	Velocity Limiter Shears				
79370100	Environmental Spill				
79370400	Liquid Radwaste				
	Source Encapsulation —see <i>Encapsulation; Radiation Monitoring Services</i>				
79700	Sources, Radioactive —also see <i>Radioisotopes; Testing Services</i>				
	Sorters, Sorting Tables, Radwaste —see <i>Radioactive Waste Handling</i>				
	Spent-Fuel Storage —see <i>Racks; Storage Services; Storage Systems, Spent-Fuel</i>				
	Storage Facilities, Waste —see <i>Radioactive Waste Treatment Equipment</i>				
	Storage Racks, Fuel —see <i>Racks, Fuel Storage</i>				
	Storage Services				
81680100	Equipment				
81680300	Spent Fuel				
	Storage Systems, Spent-Fuel —also see <i>Containers; Racks</i>				
81710100	Dry				
81710200	Wet				
	Storage Tanks —see <i>Tanks</i>				
	Surface-Conditioning Products				
	(Cleaning, Touchup, Weld Prep, etc.) —see <i>Abrasives, Non-Woven</i>				
	Survey Meters —see <i>Monitors, Radiation, Area</i>				
	Swipes —see <i>Health Physics Equipment & Supplies</i>				
	Tables, Sorting —see <i>Radioactive Waste Handling & Treatment Equip.</i>				
83110	Tags & Labels (Warning, Inventory, etc.) —also see <i>Health Phys</i>				
83120	Tags, Valve				
	Tanks, Storage —also see <i>Diaphragms, Inspection Services</i>				
83150100	Aluminum				
83150200	Glass Fiber				
83150300	Plastic				
83150400	Rubber, Collapsible				
83150500	Steel				
83150600	Steel, Stainless				
	Tap				
83210100	Cloth, Nuclear				
83210150	Electrical Splicing Tape				
83210200	Foam				
83210300	Moisture-Sensitive				
83210400	Reinforced Strapping, Nuclear				
83210500	Warning, Luminescent				
	Television Systems (CCTV) —also see <i>Security Systems; Video Services</i>				
83600100	Conventional				
83600200	High-Temperature				
83600300	Miniature (Remote Viewing)				
83600350	Pipe Inspection				
83600400	Underwater, Color, High-Radiation				
83600500	Welding Arc Viewing (Color)				
	Temperature Monitors —see <i>Monitors</i>				
	Test Equipment & Supplies —also see <i>Health Physics Equip.; Nondestructive Testing</i>				
84150020	Automated				
84150040	Capacitance Strain Gauging				
84150120	Coating Porosity Detection				
84150140	Coating Thickness Gauging				
84150160	Concrete Inspection				
84150190	Eddy Current				
84150210	Electric Motors				
84150220	Electrical Systems & Components				
84150240	Environmental				
84150300	Fiber Optic				
84150320	HEPA Filter				
84150340	Infrared Imaging				
84150380	Instrumentation & Control				
84150400	Leak-Rate, Local				
84150430	Manual				
84150480	Materials				
84150580	Nondestructive				
84150630	pH Measurement				
84150680	Portable				
84150700	Power Apparatus				
84150720	Resistance Temperature Detectors				
84150750	Stationary				
84150800	Structures/Components				
84150850	Ultrasonic				
84150860	Ultrasonic Couplant				
84150900	Vacuum Leak Testers, Tube				
84150920	Valve				
84150930	Valve, Motor-Operated, Diagnostic				
84150940	Valve, Solenoid Operated, Diagnostic				
84150950	Vibration				
	Testing Services —also see <i>Analysis; Filter Serv.; Maintenance Serv.; Nondestructive Testing</i>				
84600020	Alloy Identification (On-Site)				
84600040	Coatings				
84600200	Corrosion Detection				
84600250	Electric Motors				
84600290	Electrical Systems & Components				
84600310	Environmental Qualification				
84600360	Fire Resistance/Flammability				
84600380	Flow				
84600390	Fracture Mechanics				
84600440	Infrared				
84600450	Instrumentation & Control				
84600500	Laminar Flow Facilities				

- 84600510 Leak Detection, Tube
84600520 Leak, Nuclear Gauge
84600540 Leak, Radioactive Sealed Source
84600550 Leak-Rate, Integrated
84600560 Leak-Rate, Local
84600600 Materials
84600620 Nondestructive
84600650 Photometric Testing
84600680 Plastics/Polymers
84600760 Pumps
84600765 Quality Services
84600780 Sealed Sources (Pressure, Temperature)
84600840 Seismic
84600860 Siren Systems
84600920 Structures
84600940 Transport Containers
84600970 Ultrasonic
84600980 Vibration
84600990 Wall Thinning Detection, Tube
- Thermoluminescent Dosimeter (TLD) Services**—see *Health Physics Services*
- Thermoluminescent Dosimeters**—see *Monitors, Radiation, Personnel*
- Tools**—also see *Reactor Service Tools; Wrenches*
- 86130050 Custom-Made
86130100 Electric
86130150 Hydraulic
86130200 Pneumatic
86130300 Vacuum-Assisted
- Trailers, Mobile**—see *Health Physics Equipment (Decon Trailers)*
- 86250 **Trailers, Spent-Fuel Transport**
86260 **Trailers, Transport**
- Training**—also see *Consultants; Health Physics Services; Training Centers; Training Materials*
- 86300020 Air Treatment
86300030 Auditing, Codes & Standards
86300040 Auditing, Environmental
86300050 Chemistry
86300080 Communications
86300100 Computer Users/Computer Personnel
86300120 Construction Management Personnel
86300150 Crane & Rigging Safety
86300155 Decommissioning
86300160 Emergency Planning & Response
86300180 Engineering Management
86300190 Engineers, Electrical
86300210 Engineers, Mechanical
86300230 Engineers, Structural
86300250 Environmental Laws & Regulation
86300320 Equipment Qualification
86300330 Fire Protection
86300350 Fitness-for-Duty, Behavioral Observation
86300370 Fuel Cycle/Performance Analysis
86300380 Fuel Transport/Storage
86300390 HVAC Maintenance
86300410 Instructors, Classroom & Simulator
86300420 Leadership Development
86300430 Licensing
86300440 Maintenance
86300460 Management
86300480 Nondestructive Testing
86300515 Organizational Effectiveness
86300520 OSHA Compliance
86300530 Process Control Statistical
86300540 Project Management
86300580 Quality Assurance/Quality Control
86300610 Radiation Management (ALARA)
86300640 Radiation Protection
86300660 Radiochemistry
86300670 Reliability Analysis
86300710 Respiratory Protection
86300730 Root Cause Analysis
86300740 Safety Evaluation
86300750 Scaffolding
86300760 Security Personnel
86300770 Seismic Qualification
86300800 Simulators, Radiation
86300820 Team Building
86300840 Technicians, Electrical
86300860 Technicians, Instrumentation and Control
86300880 Technicians, Laboratory
86300910 Technicians, Mechanical
86300940 Technicians, Security
86300970 Waste Management
- 86300980 Water Chemistry
86400 **Training Centers, Facilities**—also see *Training; Training Materials*
Training Materials, Courseware—also see *Mockup Design; Training; Training Centers*
- 86500100 Audio-Visual Aids
86500200 Computer-Aided
86500220 Digital Video, Interactive
86500250 Models, Mockups
86500300 Textual
- Transfer Cars**—see *Cars, Railroad*
- Transport Services**
- 87000100 Consulting/Transport Management
87000110 Dry Cask
87000150 Heavy Components
87000170 Intermodal/Rail
87000180 Liners
87000200 Radioactive, High-Level
87000300 Radioactive, Low-Level
87000350 Transload Facility, Permanent
87000355 Transload Facility, Temporary
87380 **Tritium Handling Equipment**
Tritium Monitors—see *Monitors, Radiation, Area*
- 87395 **Tritium Recycle & Extraction Equipment**
- 87400 **Tritium Removal Equipment**
Turnstiles—see *Security Structures*
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- U**
- Underwater**—see *Diving; Maint. & Repair; NDT; Solid Waste Red.; Video Serv.*
- Uranium Mill Tailings Reclamation**—see *Waste Management Services*
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- V**
- Vacuum Blasting**—see *Cleaning Equipment*
- 90100 **Vacuum Equipment & Accessories**—also see *Cleaning Equip.; Filters*
- 90150 **Valve & Actuator Repair**—see *Maintenance & Repair Services*
- 90200 **Valve Grinders (In-Place)**—see *Valve-Reseating Equipment*
- 90250 **Valve Operators (Actuators)**
- 90250050 Air
90250070 Electric Solenoid
90250080 Electrohydraulic
90250090 Explosive-Activated
90250100 Hydraulic
90250130 Manual
90250150 Motor
- 90280 **Valve Packing Removal Equipment**
90310 **Valve Position Detectors**—see *Detectors*
- 90320 **Valve-Reseating Equipment, On-line**
- 90330 **Valve Stem Gland Packing Systems, Live-Loaded**
- 90350 **Valve Tags**—see *Tags*
90360 **Valve Testing**—see *Maintenance Services; Test Equipment*
- 90380 **Valves, Backwater**—see *Valves, Other*
90430 **Valves, Ball**—see *Valves, Other*
90460 **Valves, Butterfly**—see *Valves, Other*
90600 **Valves, Check, Stop Check**
- 90600020 Air-Cylinder-Assisted
90600050 Ball
90600070 Controlled-Closure
90600075 Non-Slam
90600080 Piston-Operated
90600100 Spring-Loaded
90600150 Swing Type
90600160 Swing Type, Alloy
90600200 Tilting Disk
- 90800 **Valves, Control**
- 90800050 Flow
90800060 Flow, Acoustic Emission
90800080 Intelligent
90800100 Pressure
90800150 Temperature
- 90800200 Vacuum
90810 **Valves, Controlled-Closure**—see *Valves, Check; Valves, Other (Line-Blind)*
- 90820 **Valves, Diaphragm**—see *Valves, Other*
90840 **Valves, Excess-Flow**—see *Valves, Other*
- 90860 **Valves, Fail-Safe**—see *Valves, Other*
90880 **Valves, Feedwater Isolation**—see *Valves, Other*
- 90890 **Valves, Filter, In-Line**—see *Valves, Other*
- 90910 **Valves, Fire Deluge**—see *Valves, Other*
90940 **Valves, Flow Monitoring/Alarm System**—see *Valves, Other*
- 90950 **Valves, Flush Bottom Tank**—see *Valves, Other*
- 91000 **Valves, Gate**
- 91000010 Bellows Seal
91000030 Jacketed Alloy
91000050 Knife
91000100 Parallel Slide Type
91000200 Wedge Type
- 91020 **Valves, Globe**—see *Valves, Other*
91040 **Valves, Globe, Bellows**—see *Valves, Other*
- 91060 **Valves, Instrumentation Manifold**—see *Valves, Other*
- 91080 **Valves, Isolation Shutoff**—see *Valves, Other*
- 91130 **Valves, Line-Blind**—see *Valves, Other*
91220 **Valves, Main Steam Isolation**—see *Valves, Other*
- 91240 **Valves, Miniature**—see *Valves, Other*
91260 **Valves, Other**
- 91260030 Backwater
91260060 Ball
91260080 Burner
91260090 Butterfly
91260120 Diaphragm
91260150 Excess-Flow
91260180 Fail-Safe
91260210 Feedwater Isolation
91260240 Filter, In-Line
91260270 Fire Deluge
91260300 Flow Monitoring/Alarm System
91260330 Flush Bottom Tank
91260360 Globe
91260390 Globe, Bellows
91260420 Instrumentation Manifold
91260450 Isolation Shutoff
91260480 Line-Blind
91260510 Main Steam Isolation
91260540 Miniature
91260570 Needle
91260600 Packless
91260630 Plastic-Lined
91260660 Plug
91260675 Pressure Regulating
91260690 Pump Recirculation
91260720 Quick-Opening & -Closing
91260750 Ram-Type
91260780 Relief, Safety
91260820 Slurry
91260850 Solenoid
91260880 Vacuum
- 91280 **Valves, Needle**—see *Valves, Other*
91290 **Valves, Packless**—see *Valves, Other*
91340 **Valves, Plastic-Lined**—see *Valves, Other*
- 91360 **Valves, Plug**—see *Valves, Other*
91380 **Valves, Pressure Seal**
- 91380030 Breech Lock
91380050 Gate
91380070 Globe
91380080 Piston Check
91380090 Swing Check
91380100 Tilting Disk
91380300 Wafer Check Valves
- 91410 **Valves, Pump Recirculation**—see *Valves, Other*
- 91420 **Valves, Quick-Opening & -Closing**—see *Valves, Other*
- 91430 **Valves, Ram-Type**—see *Valves, Other*
91480 **Valves, Relief, Safety**—see *Valves, Other*
- 91540 **Valves, Slurry**—see *Valves, Other*
91580 **Valves, Solenoid**—see *Valves, Other*

91640 **Valves, Vacuum**—see *Valves, Other Vessels*—also see *Respiratory Protection Equipment*

92300100 Flasks, Water, Valve-Operating

92300200 Pressure

92300300 Pressure, Reactor

Vests, Bullet-Resistant—see *Security Systems & Devices*

Video Displays—see *Computers; Data Readout Devices; Security Systems; Television Systems*

Video Services

92800030 Inspection

92800050 Plant Photodocumentation

92800100 Remote

92800200 Underwater

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Walk-Off Mats—see *Health Physics Equipment & Supplies*

Warning Signs, Signals—see *Health Physics Equipment; Lights, Warning*

Warning Systems—see *Alarm Systems; Emergency Warning Systems*

Warning Tape, Luminescent—see *Health Physics Equipment & Supplies; Tape*

Waste Evaporators—see *Radioactive Waste Treatment Equipment*

Waste Management Consultants—see *Consultants*

Waste Management Services—also see *Analysis; Health Physics Services*

93040300 Demineralization

93040350 Dewatering, Nonradioactive

93040360 Dewatering, Radioactive

93040400 Disposal (Low-Level)

93040450 Environmental Remediation

93040500 Fuel Pool Services

93040520 Incineration

93040530 Intermediate-Level

93040540 Lead Contamination

93040560 Mixed Waste Analysis & Processing

93040565 Mixed Waste Disposal/Treatment

93040570 Mixed Waste Solvent Disposal

93040590 Molten Salt Oxidizers

93040600 Monitoring

93040610 Non-Radioactive

93040630 Off-Site (Fixed Base)

93040660 On-Site

93040680 Packaging/Repackaging

93040690 Radioactive, Low-Level

93040710 Radioactive, High-Level

93040720 Resin Destruction

93040730 Resin Pyrolysis

93040750 Resin Regeneration

93040760 Resource Recovery

93040780 Scrap Melting

93040790 Sealed Source Decommissioning

93040800 Solidification

93040810 Survey & Release

93040825 Transuranic (TRU)

93040850 Uranium Mill Tailings Reclamation

93040870 Vitrification

93040900 Volume Reduction

93040920 Waste Characterization

93040950 Wood Decontamination

Waste Monitors—see *Monitors, Radiation, Area & Special-Purpose*

Waste Tracking & Accountability System—see *Radioactive Waste Handling Systems*

Waste Treatment Equipment—see *Radioactive Waste Handling & Treatment Equipment*

Waste Storage Facilities, Radioactive, On-Site—see *Rad. Waste Handling & Treatment Equip.*

Water Analyzers—see *Analyzers*

Welding Services—also see *Diving Services; Weld Surfacing; Welding Equipment*

93900030 Arc

93900050 Automatic Tube & Pipe

93900070 Canister

93900100 Diffusion Bonding

93900150 Electromagnetic

93900200 Electron Beam

93900220 Explosive

93900250 Laser Beam

93900300 Plasma

93900320 Remote

93900350 Stud

93900370 Underwater, Manual

93900380 Underwater, Remote

93900390 Weld Overlays

93900400 Weldment Cleaning

Wet-Blasting—see *Cleaning Equipment; Decontamination Chemicals & Equipment*

Whole-Body Counting Services—see *Health Physics Services*

Whole-Body Monitors—see *Equipment Rental; Monitors, Radiation, Personnel*

Wind Monitoring—see *Environmental Monitoring Serv.*

Window Reducers—see *Solid Waste Reduction Equipment*

Windows, Radiation-Shielding—also see *Maintenance & Repair Services; Shielding Materials*

95750100 Lead Glass

95750200 Lead Plastics

Wipe Test Counters—see *Counters, Detectors, Radiation*

Wipers, Wiping Cloths—also see *Health Physics Equipment & Supplies*

95850100 Cotton

95850200 Clean Room Laundered

95850250 Disposable, Soluble

95850300 Industrial

95850400 Lint-Free

95850500 Oil-Treated Dusting

95850600 Tacky

Wire—also see *Cable*

95900160 Insulated, Signal

95900170 Insulated, Switchboard

95900180 Insulated, Thermocouple

95900200 Magnet

95900210 Magnet, High-Temperature

95900250 Metal-Shielded

95900300 Nickel, Monel & Nickel-Chromium

95900400 Refractory

95900450 Resistance

95900500 Spring

95900550 Superconducting

95900600 Thermocouple

Wood Decontamination—see *Waste Management Services*

Work Platforms

96200100 Cask Servicing

96200200 Mobile

96200300 Stationary