

42nd Annual Nuclear News Buyers Guide 2011 Index to Categories

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This Index to Categories is a standardized listing of the products and services to be used in the upcoming 2011 *Nuclear News Buyers Guide*. The Index will assist you in either (a) filling out a New Listing form or (b) adding categories to your existing listing. Products and services are listed alphabetically and are numerically coded.

New Listings and Verification Forms (for existing listings*) must be created/updated online. To add 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. New categories - those added since the 2010 Index to Categories - are indicated with a dagger (†).

*Companies with existing listings will need a unique link in order to access their online listing. Look for an e-mail from <nbnbg2011@ans.org> with your link, or contact the advertising department today.

There is NO CHARGE for a company listing!

The Deadline to submit a Listing is March 11!

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*
Accelerators & Accessories—also see *Nondestructive Testing*
01300100 Accessories
01300200 Electromagnetic
01300300 Electrostatic
01300400 Other
01300500 Targets
Accelerometers—see *Indicators(Vibration); Seismic Instrumentation*
Access Control Systems, Personnel—see *Security Systems*
Acoustic Emission—see *Nondestructive Testing*
Acoustic Sensors—see *Sensors*
Activation Analysis—see *Neutron Activation Analysis Services*
Actuators—see *Valve Operators*
Adhesives
02870100 Heat-Resistant
02870150 Insulation-Related
02870200 Radiation-Resistant
02870300 Structural
Adsorbers, Gas—see *Gas Handling Equipment; Filters (Carbon; HEPA)*
02910 **Aerosol Neutralizers**
Aggregate, High-Density Concrete—see *Shielding Materials*
Air Analyzers—see *Analyzers*
Air Bubble Detectors—see *Detectors*
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-Flow Control Dampers—see *Dampers*
Air Particulate Samplers—see *Samplers*
Air Pressure Regulators—see *Regulators*

Air Purification Systems—see *Respiratory Protection Equipment*
Air Sampling Pumps—see *Pumps, Other*
Airlocks—see *Doors*
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
03300 **Alignment Systems, Rotating Machinery**
Alloys—see *Metals, Other; Testing Services*
03500 **Aluminum**—see *Metals, Other*
Ammeters, RMS, Tong Test Type Amplifiers
03550050 CAMAC
03550080 Digital Spectroscopy
03550100 Direct Current
03550200 Power
03550250 Pressure
03550300 Pulse
03550400 Video
03550500 Wide-Band
Analysis
03800030 Chemical
03800040 Design Basis
03800050 Electrical Distribution Systems
03800060 Electrical Transients
03800070 Electronic Construction
03800080 Elemental, Isotopic
03800120 Environmental
03800160 Equipment Qualification
03800200 Failure, Electrical/Electronic
03800240 Failure, Metallurgical
03800300 Finite Element
03800320 Fracture Mechanics
03800360 Fuel Cycle & Fuel Performance
03800400 Geotechnical
03800420 Helium
03800440 Hydrological
03800460 Loose Parts
03800470 Lubrication
03800480 Materials
03800500 Noise
03800520 Piping
03800560 Plant Performance
03800600 Reliability
03800630 Resin, Ion Exchange
03800640 Risk
03800660 Root Cause
03800680 Safety, Nuclear
03800720 Safety, Plant

03800760 Safety, Reactor
03800800 Seismic
03800830 Shielding
03800850 Site Characterization
03800860 Siting
03800890 Stress
03800900 Structural
03800910 Sump/Strainer Blockage (Reg. Guide 1.82)
03800920 Thermal
03800930 Vessel & Components Neutron Fluence
03800950 Vibration
03800960 Waste
03800970 Water
03800980 Water Hammer
04000100 **Analyzers**
04000150 Air
04000160 Coincidence & Anti-Coincidence
04000170 Density
04000180 Dissolved Hydrogen
04000180 Dissolved Oxygen
04000200 Effluent
04000300 Gas
04000400 Gas, Containment
04000420 Hydrazine
04000450 Multi-Parameter
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
04000700 Sludge
04000750 Sodium
04000800 Steam
04000850 Time-of-Flight
04000860 Total Organic Carbon
04000870 Viscosity
04000880 Waste-Gas, Oxygen & Hydrogen
04000900 Water
anchors—see *Construction Materials*
Anemometers—see *Meteorological Equipment*
Annunciators—see *Alarm Systems; Display Systems*
Anticoincidence Analyzers—see *Analyzers*
Aprons—see *Clothing, Protective*
Architect-Engineers—see *Construction/Engineering Services*
06790 **Asbestos Abatement/Removal Services**
Asbestos-Free Cement—see *Construction Materials*
06820 **Assay Equipment, Fuel**
06840 **Assay Services, Uranium Ore Audits**
06860050 Chemical Control Programs
06860100 Fire Protection
06860200 Fitness-for-Duty
06860250 Quality Assurance
06860300 Radiation Protection
06860400 Respiratory Protection
06860500 Security QA
06870 **Autoclaves**
Auxiliary Generators—see *Generators, Stand-by*

- 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**
- Barometers**—see *Meteorol. Equip.*
- Barrel Monitors**—see *Monitors, Radiation, Area & Special-Purpose*
- Barriers**—see *Security Structures*
- Batteries, Standby**
- 07040 **Battery Capacity Test Equipment**
- 07060 **Battery Chargers**
- 07070 **Battery Monitoring Systems**
- 07080 **Bearings**
- 07100 **Bearings, Self-Lubricating**
- 07120 **Behavioral Observation**—see *Consultants; Security Serv.; Testing, Psych.; Training*
- 07200 **Bellows, Metal**
- Beta-Shielding Labwear, Sheeting**—see *Clothing, Protective, Anti-C; Shielding Materials*
- Bibs**—see *Clothing, Protective*
- Binoculars**—see *Remote-Viewing Instruments*
- Biomedical Radiation-Counting**—see *Health Physics Equipment*
- Bladders, Storage Tank**—see *Diaphragms, Storage Tank*
- Blankets, Lead Wool**—see *Metals, Lead; Shielding Materials*
- Blowers**—see *Air Conditioning & Ventilation Equipment*
- 07310 **Boilers**
- Bolt-Tensioning**—see *Maintenance Services*
- 07330 **Bolts, Foundation**—also see *Fasteners*
- 07340 **Bolts, Turbine-Coupling**—also see *Fasteners*
- Booths, Security**—see *Security Structures*
- 07370 **Bootings for Tongs**
- Boots**—see *Clothing, Protective*
- Borescopes**—see *Remote-Viewing Instruments*
- Boron**—see *Metals, Steel; Neutron Absorbers; Shielding Materials*
- Boron Concentration Meters**—see *Meters; Reactor Instrumentation*
- Brackets, Supports**—also see *Pipe Hangers & Supports; Trays*
- 07800100 Cable Tray Supports
- 07800200 Instrument
- 07800300 Manifold
- 07800400 Valve
- Breather Filters, Drum**—see *Containers*
- Breathing Air Quality Analysis**—see *Health Physics Services*
- Bricks, Shielding**—see *Metals, Lead; Shielding Materials*
- 08000 **Bubble Chambers**
- Bubble Suits**—see *Clothing, Protective, Anti-Contamination*
- Bullet-Resistant Doors, Wall Panels, Windows**—see *Doors; Security Structures*
- Burnable Poisons**—see *Neutron Absorbers*
- Bus Bar Insulating Service**—see *Maintenance & Repair Services*
- C**
- 08400 **Cabinets & Panels, Instrument**
- Cable Coatings**—see *Coatings, Cable*
- Cable, Electrical**—also see *Connectors; Wire*
- 08800050 Coaxial
- 08800100 Control
- 08800130 Data Communications
- 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
- 09100 **Cable, Fiber Optic**—also see *Connectors*
- Cable Condition Monitor**—see *Monitors, Other Than Radiation*
- Cable Management**—see *Computer Software*
- 09400 **Cable Ties**
- Cable Tray Insulation**—see *Insulation, Thermal*
- Cable Tray Supports**—see *Brackets, Supports*
- Cable Trays**—see *Trays*
- Cadmium**—see *Neutron Absorbers*
- 09700 **Calandrias, Reactor**
- 09730 **Calciners**—also see *Radioactive Waste Handling & Treatment Equipment*
- Calibration Equipment & Systems**
- 09750050 Dose, Nuclear Medicine
- 09750100 Electrical Test Equipment
- 09750150 Electronic Test Equipment
- 09750200 Instrumentation and Control
- 09750220 Laminar Flow
- 09750250 Pressure
- 09750300 Radiation Measuring
- Calibration Gases, Radioactive**—see *Radioisotopes*
- 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
- Calibration Standards**—see *Radioisotopes*
- 09870 **Calorimeters**
- 09900 **Carbon, Activated**—also see *Filter Services; Filters*
- Carbon, Total Organic, Analyzers**—see *Analyzers*
- Cars, Railroad**
- 09950100 Cask-Handling
- 09950150 Liners
- 10010 **Casings, Primary Coolant Pump**
- Casks**—see *Containers*
- Castings**—see *Metal Components & Structures*
- Catwalks**—see *Gratings*
- Cement**—see *Construction Materials*
- Ceramic Products**
- Chambers, Fission**—see *Fission Chambers*
- Chambers, Ion**—see *Counters; Detector Heads; Monitors, Radiation, Personnel*
- Changers, Sample**—see *Sample Changers*
- 11400020
- 11400050
- Channels, Fuel**—see *Fuel Channels*
- Charcoal, Activated**—see *Carbon; Filter Services; Filters*
- 11400100
- Chargers, Dosimeter**—see *Health Physics Equipment*
- Chart Recorders, Strip**—see *Data Readout Devices*
- 11400200
- 11400300
- 11400500
- 11400600
- Chemical Analysis**—see *Analysis Consultants*
- Chemical Process Design**—see *Consultants*
- Chemicals, Decontamination**—see *Decontamination*
- 11600 **Chillers**—see *Air Conditioning & Ventilation*
- Chlorine Monitoring Systems**—see *Monitors, Other Than Radiation*
- Circuit Breakers**—see *Electrical Distribution & Control Equipment*
- Circulators, Gas**—see *Gas Handling Equipment*
- Cladding**—see *Fuel Element Cladding; Metal Cladding Services*
- Clamps**—see *Tubing Clamps*
- Cleaning (Clothing)**—see *Health Physics Equipment; Health Physics Services*
- 11650100
- 11650200
- 11650300
- Cleaning Equipment**—also see *Decon. Chem. & Equip.; Health Phys. Equip.; Reactor Serv. Tools*
- 11650320
- 11650350
- 11650360
- 11650400
- 11650500
- 11680
- 10900100
- 10900200
- 10900250
- 10900300
- 10900400
- 10900500
- 10900550
- 10900600
- 10900700
- 10900750
- 10900800
- 10900820
- 10900840
- 10900870
- 10900900
- 10900910
- 10900930
- 10900950
- 10900970
- 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; Maintenance Services*
- 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; Maintenance Serv.; Testing Serv.*
- 11400020 Cable
- 11400050 Concrete
- Sealing/Restoration/Contamination Control
- 11400100 Corrosion-Resistant
- 11400200 Floor Toppings
- 11400300 Insulation-Related
- 11400500 Low-Chloride
- 11400600 Strippable
- Coatings Testing**—see *Test Equipment*
- Coincidence Analyzers**—see *Analyzers*
- Collars, Streaming**—see *Shielding Materials*
- Columns, Processing**—see *Gas Handling Equipment*
- Combiners, Hydrogen**—see *Gas Handling Equipment*
- Commercial Grade Dedication Services**—see *Consultants (Qualification)*
- 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 Call./Ans.)
- 11650500 Two-Way Radio
- 11680 **Compactor Disks, for Drums**

11700	Compactors —also see <i>Radioactive Waste Treatment Equipment; Solid Waste Reduction Equip.</i>	12800970	Verification & Validation	14000120	Design, Nuclear Facilities
		12800980	Waste Management	14000125	Earth Science Services
	Compliance Support, Regulatory —see <i>Consultants; Health Phys. Serv.; Maint. & Repair Serv.</i>	12800990	Water Chemistry Management	14000130	Economic Analysis, Trade-off Studies
	Components, Metal —see <i>Metal Components & Structures</i>		Computers & Accessories —also see <i>Data Acq. Sys.; Data Readout; Imaging, Digit.; Multiplexing</i>	14000140	Emergency Planning & Response
	Compressed Air Pressure Vessels —see <i>Respiratory Protection Equipment; Vessels</i>	12900050	Analog	14000150	Environmental
	Compressors, Refrigerant —also see <i>Air Conditioning & Ventilation Equipment</i>	12900060	Artificial Intelligence Systems	14000160	Equipment Condition Monitoring
12100100	Centrifugal	12900070	Color Graphics	14000170	Fire Protection
12100200	Reciprocating	12900080	Converters	14000200	Fuel Cycle & Fuel Performance
12100300	Screw-Driven	12900100	Digital	14000210	Fuel Transport/Storage
12100400	Scroll	12900110	Disk Drives	14000240	Heat Transfer & Fluid Flow
	Computer-Aided Design —see <i>Computer Services</i>	12900120	Expert Systems	14000260	Human Factors Engineering
12720	Computer and Cyber Security	12900130	Hand-Held	14000290	Hydraulics
	Computer Services —also see <i>Imaging, Digital</i>	12900150	Hybrid	14000310	Hydrodynamics
12750020	Computer-Aided Design	12900500	Input/Output Interface Units	14000320	Independent Project Reviews
12750030	Computer-Aided Software Engineering	12900540	Main Frame	14000330	Instrumentation and Electrical
12750050	Computer Procurement Assistance	12900550	Mass Storage Units	14000340	Inventory Management
12750100	Data Collection, Acquisition	12900610	Micro	14000350	ISO Compliance
12750200	Installation/Changeout	12900650	Microprocessor Circuit Boards	14000360	License Renewal
12750250	Network Services	12900660	Mini	14000370	Licensing
12750300	Procedures Preparation	12900750	Printers	14000380	Lightning Protection
12750400	Project Management	12900800	Tape Drives	14000400	Maintenance
12750440	Quality Assurance	12900850	Video Display Units	14000380	Management Audit
12750445	Software Safety			14000400	Management Information & Control Systems
12750500	Specifications Development			14000480	Meteorology
	Computer Software —also see <i>Imaging, Digital; Records Management Sys.; Steam Gen. Maint.</i>	13050050	Concentrators —see <i>Radioactive Waste Handling & Treatment Equipment</i>	14000490	Noise Abatement
12800010	Artificial Intelligence	13050100	Concrete —see <i>Construction Materials; Maintenance & Repair Serv.; Shielding Materials</i>	14000500	Operations Analysis & Procedures Preparation
12800040	Cable Management		Concrete Anchors —see <i>Construction Materials</i>	14000510	Organization Development
12800060	Component Wear Detection		Concrete Breaking, Drilling, Sawing & Scabbling	14000520	Outage Management
12800080	Configuration Management/Control		Contractors	14000525	Performance Measurement
12800090	Construction Management		Equipment	14000530	Personnel Stress/Health
12800100	Contract Administration	13180	Equipment Rental	14000550	Piping
12800120	Core/Thermalhydraulics	13200		14000560	Plant Life Extension
12800130	Corrective Action Tracking	13220		14000570	Plant Performance
12800140	Critical Path Scheduling		Concrete Leak Repair —see <i>Maintenance Services</i>	14000580	Preventive Maintenance
12800160	Custom Development		Concrete Reinforcement, Bar & Mesh —see <i>Construction Materials</i>	14000590	Procurement Support
12800180	Data Base Management		Condensate Polishing —see <i>Water Treatment Equipment</i>	14000600	Project Planning & Management
12800220	Decontamination Management		Condensers, Air-Cooled	14000605	Proposal Management
12800260	Dosimetry		Condensers, Power Plant	14000610	Prudence Studies
12800300	Drawing & Document Control		Condensing Pots, Steam	14000620	Qualification, Commercial Grade (Dedication)
12800330	Economic Analysis		Condensing Units —see <i>Air Conditioning & Ventilation</i>	14000630	Quality Assurance/Quality Control
12800340	Education/Training	13400020	Conductivity Meters —see <i>Meters</i>	14000640	Radiation Management
12800360	Electrical Analysis	13400100	Configuration Management —see <i>Computer Software; Consultants; Records Management Systems</i>	14000650	Radiological Engineering
12800380	Emergency Planning	13400200	Connectors —also see <i>Feedthroughs</i>	14000720	Records Management Systems
12800420	Emergency Response (In-Plant)	13400250	Data Communications	14000725	Reengineering, Organization
12800460	Engineering Analysis	13400300	Electrical	14000730	Regulatory Compliance
12800500	Environmental Monitoring	13400400	Electrical, Glovebox	14000740	Reliability
12800510	Equipment Status/Tagout Tracking	13600	Electrical, Quick Disconnect	14000760	Research Services, Nuclear
12800520	Expert Systems		Fiber Optic	14000770	Risk Analysis
12800530	Fault-Tolerant Automatic Control		Thermocouple	14000780	Safety, Nuclear
12800550	Failure/Root Cause Trending		Consoles, Control	14000790	Safety, Plant
12800560	Fire/Safety		Construction Materials	14000810	Safety, Reactor
12800570	Fuel Accounting	13700040	Anchors, Chemical (Epoxy)	14000830	Security
12800580	Fuel Performance/Management	13700060	Anchors, Concrete	14000840	Seismic
12800590	Heat Exchanger Modeling	13700080	Asbestos-Free Fiber Cement	14000860	Shielding
12800600	In-Service Inspection	13700120	Concrete	14000870	Simulation Services
12800610	Instrument Calibration	13700150	Concrete Reinforcement, Bar (Rebar)	14000880	Siting
12800620	Inventory Control (Equipment, Supplies, etc.)	13700200	Concrete Reinforcement, Mesh	14000900	Spare Parts Systems
12800660	Maintenance Control	13700250	Lumber, Fire-Retardant-Treated	14000920	System Engineering-Requirements Analysis
12800700	Management (Station)	13700280	Refractory	14000930	Systems Testing
12800720	Operator Scheduling	13700300	Splices, Rebar	14000950	Training Evaluation, Management
12800740	Piping System Design & Analysis	13700350	Steel, Structural—also see <i>Metals, Steel</i>	14000960	Trend Analysis & Corrective Action Programs
12800780	Plant Design		Construction/Engineering Services —also see <i>Consultants; Maintenance Services</i>	14000970	Waste Management
12800820	Plant Performance	13850100	Architect-Engineers	14000990	Water Treatment
12800840	Procedure Status/Tracking	13850150	Civil Engineers		Contactors —see <i>Electrical Distribution & Control Equipment</i>
12800850	Project Management	13850200	Construction Services		Containers —also see <i>Radioactive Waste Handling; Shielding Materials; Testing Services</i>
12800860	Quality Assurance/Quality Control	13850300	Engineer-Constructors	14300030	Bulk
12800870	Radiological Control/Health Physics	13850400	Erection Services	14300050	Casks, Filter Transfer
12800880	Reliability Analysis		Consultants —also see <i>Analysis; Construction/Engineering Services; Training</i>	14300100	Casks, Post-Accident Sample
12800890	Reportability Evaluation	14000010	Air Cleaning, Filtration	14300150	Casks, Radwaste
12800900	Risk Analysis	14000020	Chemical Process Design	14300200	Casks, Spent-Fuel Shipping
12800905	Root Cause Analysis	14000030	Coatings/Corrosion	14300210	Casks, Spent-Fuel Storage
12800910	Security	14000040	Communications, Management-Employee	14300230	Component
12800915	Simulation		Component/System Design & Analysis	14300250	Cylinders, UF6
12800920	Software Maintenance/Control	14000050	Computer Systems & Software	14300280	Drum Breather Filters
12800925	Software Packages	14000060	Configuration Control	14300300	Drum Liners/Inserts
12800930	Special Nuclear Material Tracking	14000070	Contract Administration	14300350	Drums
12800935	Spectroscopy	14000080	Cranes & Hoists	14300400	Fresh Fuel Shipping/Storage
12800940	Technical Specification Systems	14000090	Criticality Hazard Evaluation	14300450	Gamma Source Shipping
12800950	Telerobotics	14000100	Decommissioning	14300480	Gamma Source Storage
12800960	Trending	14000110		14300485	Groups 1, 2 and 3 Containers (per IAEA)
12800965	Valve Performance Prediction	14000115		14300490	High-Integrity (HIC)
				14300505	Laundry Shipping/Storage/Issue Containers
				14300510	Liners/Inserts, LSA Containers
				14300530	LSA Containers, IAEA
				14300540	LSA Containers, Strong-Tight
				14300550	Neutron Source Shipping

- 14300600 Neutron Source Storage
 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 Air/Gas Sampling Pumps**—see *Pumps, Other*
- Containment Enclosures, Radiological**—see *Health Phys. Equip.; Rad. Waste Handling Equip.*
- Containment Gas Analyzers**—see *Analyzers*
- Containment Penetrations**—see *Penetrations*
- Containment Structures, Post-Tensioning**—see *Post-Tensioning*
- Containment Structures, Reactor**
- 14810100 Conventional
 14810200 Filtered Venting
- Contamination Control**—see *Cleaning Equip.; Decontamination; Health Physics*
- Contract Administration**—see *Computer Software; Consultants*
- Contraction Rings**—see *Welding Equip. & Supplies*
- Control Consoles**—see *Consoles*
- Control Devices & Systems**—also see *Computer Software; Elec. Dist. Equip.; Reactor Instr.*
- 14950020 Accelerator Systems
 14950050 Flow
 14950100 Liquid Level
 14950150 Pressure
 14950200 Programmable Logic
 14950250 Strain, Stress-Rate
 14950260 Surge Suppression Device
 14950300 Temperature
 14950350 Vacuum
- 15200 **Control Equipment, Power Plant (Non-Reactor)**—also see *Computers & Acces.; Elec. Dist. Equip.*
- 15300 **Control Houses, Enclosed**
Control Rod Crushers—see *Solid Waste Reduction Equipment*
Control Rod Drive Handling Tools—see *Reactor Service Tools*
- 15600 **Control Rod Drives**—also see *Reactor Instrumentation*
Control Rod Examination—see *Inspection Services*
- 16000 **Control Rods, Reactor**—also see *Neutron Absorbers*
- Converters, Digital/Analog**—see *Computers & Accessories*
- 16800 **Converters, Time-to-Pulse-Height**
Coolers, Evaporative—see *Air-Conditioning & Ventilation Equipment*
Coolers, Sample—see *Sample Coolers*
Cooling Towers—see *Towers, Cooling*
Cooling Systems, Body—see *Health Physics Equipment*
- Core Plug Removal Tool**—see *Reactor Service Tools*
- 17200 **Core Structural, Reactor**
- Corrosion**—see *Coatings; Consultants; Testing Services*
- 17600 **Corrosion Coupons (Metal Reference Standards)**
- 17650 **Corrosion Inhibitors**
Counter Tubes—see *Detector Heads*
Counters, Detectors, Radiation—also see *Detector Heads; Monitors; Ratemeters*
- 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
- Counting-Rate Meters**—see *Ratemeters*
- Couplings (Pipe-Joining)**—also see *Fittings*
- 18400050 Alloy Steel
 18400080 Carbon Steel
 18400120 Stainless Steel
 18400150 Buttweld, Seamless
 18400170 Buttweld, Welded
 18400220 Forged Steel, Socket Weld
 18400270 Forged Steel, Threaded
 18400300 Mechanical
 18400400 Nuclear Quality
 18400500 Unions
- Cover Plates, Floor Drain**—see *Drains & Accessories*
- Coveralls**—see *Clothing, Protective*
- Coverings, Protective**—see *Protective Coverings*
- Covers, Wheel**—see *Health Physics Equipment*
- Craft Labor Support**—see *Employment*
- 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
 18600620 Non-Safety-Related, Nuclear
 18600660 Radwaste Storage Facility
 18600700 Safety-Related, Nuclear
 18600760 Semi-Gantry
 18600800 Single-Failure-Proof
 18600840 Single-Girder, Top-Riding
 18600880 Single-Girder, Under-Riding
 18600920 Spent Fuel Pool Cranes
 18600960 Turbine Building Cranes
- Crimpers, Tube**—see *Pipe & Tube Machinery*
- Criticality Alarms**—see *Alarm Systems*
- Criticality Control Products**—see *Neutron Absorbers; Shielding Materials*
- Criticality Hazard Evaluation**—see *Consultants*
- Crushers, Control Rod**—see *Solid Waste Reduction Equipment*
- Crushers, Vial**—see *Radioactive Waste Handling & Treatment Equipment*
- 19200 **Cryogenic Apparatus**—also see *Decontamination Chemicals, Equip. & Services*
- 19280 † **Cyber Security**
- 19300 **Cyclotrons**
- Cylinders, UF6**—see *Containers*
- Data Acquisition/Handling Systems**—also see *Computer Services; Computer Software; Computers & Accessories*
- 19700050 Analog
 19700100 Digital
- Data Readout Devices, Terminals & Accessories**—also see *Computers & Accessories*
- 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
- Deaerating Heaters**—see *Heaters, Feedwater*
- 20250 † **Debris/Foreign Object Control**
- Decommissioning Services**
- 20300050 Decontamination
 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
 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
 20500
- Degasifiers**
- Dehumidifiers**—see *Air-Conditioning & Ventilation Equipment*
- Deminerizer Equipment**—see *Water Treatment Equipment*
- Deoxygenation**—see *Water Treatment Equipment*
- Design, Computer-Aided**—see *Computer Services*
- Design, Nuclear Facilities**—see *Consultants*
- 21200 **Desuperheaters**
- Detector Heads, Sold Separately**
- 21270050 BF3 Neutron Counters
 21270100 Geiger-Mueller Tubes/Probes
 21270150 He3 Neutron Counters
 21270200 Ionization Chambers
 21270230 Photomultiplier Tubes
 21270250 Proportional Counters
 21270280 Self-Powered Type
 21270310 Scintillation Counters, Liquid
 21270320 Scintillation Counters, Solid-State
 21270350 Solid-State Semiconductor Type
- 21300 **Detectors, Accelerator Beam**
Detectors, Aerosol/Particulate
Detectors, Air Bubble (In Liquid)
Detectors, Explosives—also see *Equipment Rental*
- 21300 Hand-Held
 21370100 Walk-Through
- Detectors, Leak**—also see *Tape, Moisture-Sensitive*
- 21400050 Acoustic
 21400100 Bubble Test
 21400200 Electron Capture (SF/6)
 21400230 Gas
 21400250 HEPA Filter
 21400350 Integrated Leak Rate Testing
 21400400 Mass Spectrometer (He)
 21400500 Pressure Change
 21500 **Detectors, Metal**
-
- D**
- Dampeners, Pulsation**—see *Pulsation Dampeners*
- 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
- Dams, Nozzle**—see *Nozzles*

- 26600 **Fall Protection Equipment & Devices, Construction & Maintenance**
Fans & Blowers—see *Air-Conditioning & Ventilation Equipment*
Fasteners—also see *Bolts, Foundation; Bolts, Turbine-Coupling*
- 26900100 Bolts
26900500 Nuts
26900550 Quick Throw
26900600 Studs
26900700 Threaded Rod
26900900 Washers
- Feedthroughs, Bulkhead**—also see *Sleeves, Wall*
- 26910100 Electrical
26910200 Fiber Optic
- Feedwater Heaters**—see *Heaters*
Feedwater Regulators—see *Regulators*
Fiber Optic Cable—see *Cable*
- 26970 **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 Efficiency Monitors**—see *Monitors, Other Than Radiation*
- 27150 **Filter Handling/Transfer Systems**
Filter Housings
27180100 Bag In/Bag Out
27180200 Manual Changeout
27180300 Remote Changeout
27180400 Side Access
27180500 Walk-In
- Filter Test Equipment**—see *Health Physics Equipment*
- Filter Services**
27250100 Refill
27250200 Testing
- Filter Transfer Casks**—see *Containers*
Filter Valves—see *Valves, Other*
Filters—also see *Air-Conditioning; Carbon; Containers; Filter Housings; Filters, Neutron*
- 27450100 Air
27450200 Carbon
27450300 Cloth, Straining
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*
- Finned Tubes**—see *Tubes, Finned*
Finite-Element Analysis—see *Analysis*
Fire Alarm Systems—see *Alarm Systems*
- 28000 **Fire Dampers**—see *Dampers*
Fire Protection Serv.—also see *Audits; Comp. Software; Consultants; Testing Serv.; Training*
- 28100 **Fire Protection, Extinguishers & Suppression**
Fire Protection, Passive
28150010 Engineering Services
28150050 Fire Barriers
28150080 Fire Wrap
28150110 Installation Services
28150140 Penetration Seals
- Fire-Retardant-Treated Lumber**—see *Construction Materials*
- 28250 **Fireproofing Materials**
28270 **Firestops**—also see *Seals, Penetration*
28300 **Fission Chambers**
Fit-Testing, Respirator—see *Health Physics Services; Respiratory Protection Equipment*
- Fitness-for-Duty**—see *Audits; Consultants; Security Serv.; Testing, Psych.; Training*
- 28390 **Fittings, Hose**
- Fittings, Pipe**—also see *Couplings; Extruded Outlets*
- 28400030 Alloy Steel
28400070 Carbon Steel
28400100 Stainless Steel
28400110 Branch Connections
28400120 Buttweld, Seamless
28400140 Buttweld, Welded
28400170 Chrome Moly
28400250 Forged Steel, Socket Weld
28400300 Forged Steel, Threaded
28400400 Nuclear Quality
28400450 Special-Purpose
28410 **Fittings, Tube**
Flame-Retardant Fabrics—see *Fabrics, Flame-Retardant*
- 28500 **Flange Refacing Equipment (On-Site)**
Flanges, Pipe
28530050 Chrome Moly
28530100 Commercial Grade
28530200 Stainless
28550 **Flanges, Pressure Vessel**
Flasks, Water, Valve-Operating—see *Vessels*
- Floodlighting**—see *Lighting*
Floor Drains & Cover Plates—see *Drains & Accessories*
Floor Toppings—see *Coatings*
Flow Calibration—see *Calibration Services*
Flow Indicators—see *Indicators*
Flow Meters—see *Meters*
Flow Monitoring Valves—see *Valves, Flow Monitoring*
- Flow Testing**—see *Testing Services*
Flux Leakage—see *Nondestructive Testing*
Flux-Mapping Systems—see *Reactor Instrumentation*
- Foam Tape**—see *Tape*
Foils—also see *Radioisotopes*
- 29200100 Carbon
29200200 Metal
29200300 Stable Isotope
29200400 Ultra-Thin
- Food Contamination Monitors**—see *Monitors, Radiation, Area & Special-Purpose*
- Force/Torque Sensors**—see *Robotic Devices; Sensors*
- Forgings**—see *Metal Components & Structures*
- Fracture Mechanics**—see *Analysis; Testing Services*
- Freeze Plugging/Sealing**—see *Maintenance Services; Plugs*
- Frisker Shields**—see *Shielding Materials*
Friskers—see *Monitors, Radiation, Personnel*
- Fuel Assay Equipment**—see *Assay Equipment*
- Fuel Assembly Repair**—see *Maintenance & Repair Services*
- 29900 **Fuel Channels**
30000 **Fuel Element Cladding**
Fuel Element Consolidation (Spent Fuel)
30040100 Services
30040200 Systems
- Fuel Element Grids**—see *Grids*
Fuel Element Inspection Services—see *Inspection Services*
Fuel Element Inspection Systems—see *Fuel Handling Equipment*
Fuel Element Monitoring Systems—see *Monitors, Other Than Radiation; Reactor Instrumentation*
- Fuel Element Support Structures**—see *Grids*
- Fuel Elements, Fabricated**
30450100 Conventional
30450200 Mixed Oxide
- Fuel Handling Equipment & Systems**—also see *Fuel Element Consolidation; Reprocessing Equip.*
- 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
30600 **Fuel Management Services**—also see *Analysis; Computer Software; Consultants; Training*
- 30700 **Fuel Marketing Services**
Fuel Performance Analysis—see *Analysis*
Fuel Pool Gates—see *Gates, Pool*
Fuel Pool Liner—see *Liners, Pool*
Fuel Reprocessing—see *Reprocessing, Fuel; Reprocessing Equipment, Fuel*
Fuel Shipping Containers—see *Containers*
Fuel Storage Racks—see *Racks*
Fuel Storage Services—see *Storage Services*
Fuel Transfer Equipment—see *Fuel Handling Equipment*
- 31400 **Fume Hoods**
Furnaces—also see *Radioactive Waste Treatment Equipment*
- 31600100 Hot Press Sintering
31600150 Nuclear Fuel Sintering
31600180 Stress Relieving
31600200 Vacuum
31650 **Furniture, Control Room**
Fusion Reactor Components & Systems—also see *Cryogenic; Laser; Magnets; Tritium; etc.*
- 31700150 Isotope Separation Materials (Metal Hydrides)
31700200 Liquid Lithium Handling Systems
31700300 Microwave Generators
31700400 Neutral Beam Heaters
31700500 Pellet Manufacturing
31700600 Reactor Instrumentation & Control
31700700 RF Equipment
31700800 Structural Components
-
- ## G
- Gadolinium**—see *Neutron Absorbers*
Gamma Thermometers—see *Reactor Instrumentation*
- Gas Analyzers**—see *Analyzers*
Gas Circulators—see *Gas Handling Equipment*
Gas Detectors, Monitors—see *Detectors; Monitors, Other Than Radiation*
Gas Generators—see *Gas Handling Equipment*
Gas Handling Equipment—also see *Analyzers, Gas; Filters; Stacks*
- 32250050 Adsorbers
32250100 Circulators
32250200 Gas Generators
32250250 Hydrogen Combiners
32250300 Mixers, Proportioners
32250350 Off-Gas Treatment Systems
32250400 Purifiers
- Gas Sampling Systems**—see *Pumps, Other; Samplers*
- Gases**
Gases, Calibration, Radioactive—see *Radioisotopes*
Gaskets—see *Seals*
Gate Monitors—see *Monitors, Radiation, Area*
- 33360 **Gates, Pool**
Gates, Security—see *Security Structures*
Gauges
Gearboxes
Geiger-Mueller Tubes—see *Detector Heads*
- 34200 **Generators and Turbines, Emission Control**
34400 **Generators, Electron Beam**—also see *Process Irradiation Facilities*
- Generators, Gas**—see *Gas Handling Equipment*
Generators, Microwave—see *Fusion Reactor Components & Systems*
Generators, Neutron
Generators, Power—see *Thermionic Devices; Thermoelectric Devices; Turbine-Generators*
- Generators, Signal**
35650100 Digital Time Delay
35650200 Pulse
- Generators, Sodium Hypochlorite**—see *Water Treatment Equipment*
Generators, Stand-by—also see *Maintenance & Repair Services*
Generators, Steam—see *Steam Generators*

Geotechnical Analysis—see *Analysis*
Gland Packing Systems—see *Valve Stem Gland Packing Systems*
Glass, Radiation-Shielding—see *Shielding Materials; Windows*
Gloveboxes & Accessories—also see *Connectors, Electrical, Glovebox; Filters*
 36000100 Base Units
 36000200 Containers
 36000300 Drain Assemblies
 36000350 Glovebag Containments
 36000400 Glove Rings
 36000500 Gloves
 36000600 Ports
Gloves—see *Clothing, Protective; Gloveboxes & Accessories*
Goggles—see *Clothing, Protective*
 36800 **Graphite**
Grapples
 36820100 Commercial Grade
 36820150 Drycask/Canister
 36820200 Nuclear (Remote-Operated)
 36850 **Gratings, Catwalks, Stair Treads**
Grease & Oil Interceptors—see *Interceptors*
 36870 **Grids, Fuel Element**
Grits, Lapping & Polishing—see *Abrasives; Nozzles*
 36900 **Grouts**
Guard Stations—see *Security Structures*
Guards—see *Security Services*

H

Hafnium—see *Metals, Other*
Hangers, Pipe—see *Pipe Hangers & Supports*
Harnesses, Safety—see *Fall Protection*
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
 37130470 Laundry Bags
 37130480 Laundry Systems, Dry Cleaning
 37130520 Laundry Systems, Wet Wash
 37130560 Medical Instrumentation, Nuclear
 37130580 Mops, Roll, Tacky
 37130600 Phantoms, Radiation-Dosimetry
 37130640 Planchet Chargers, 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
 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 *Computer Software; 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
 37200940 Training, Simulators
 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
 37660 **Heat Sinks, Ultimate**—also see *Ponds, Spray; Towers, Cooling*
Heat Stress Monitors—see *Health Physics Equipment*
 37700 **Heat Tracing, Electrical**
 37720 **Heat Tracing Monitoring & Control Systems**
Heat Transfer Analysis—see *Consultants*
 37780 **Heat Treating Services**
 37800 **Heaters, Electric Resistance**
 38000 **Heaters, Feedwater**
 38200 **Heaters, Induction**
Heaters, Neutral Beam—see *Fusion Reactor Components & Systems*
 38270 **Heavy Water**
Helmets—see *Clothing, Protective*
Hoists—see *Cranes & Hoists*
Homeland Security—see *Security Systems & Devices*
Hoods—see *Fume Hoods; Respiratory Protection Equipment*
Hose
 38440100 Elastomeric
 38440200 Flexible Metal
 38440300 Instrumentation
 38440400 Teflon Tube
 38440500 Thermoplastic
Hot-Cell Wall Plugs, Sleeves—also see *Shielding Materials*
 38600100 Lighting fixtures
Hot Laboratories
Hot Laboratory Services
Housings, Filter—see *Filter Housings*
Howitzers, Neutron—see *Neutron Howitzers*
Human Factors Engineering—see *Consultants*
Humidity Control, Measurement—see *Air-Cond. & Vent.; Hygrometry; Meteorol. Equip.; Monitors*
Hydraulic Systems & Components—also see *Consultants; Pumps, Other*
 39650100 Mechanisms
 39650200 Systems
 39650300 Turbines
Hydrodynamics—see *Consultants*

Hydrogen Combiners—see *Gas Handling Equipment*
Hydrogen Analyzers—see *Analyzers*
Hydrological Analysis—see *Analysis*
Hygiene Services, Industrial—see *Health Physics Services*
 39900 **Hygrometry Instrumentation**—also see *Meters, Moisture*
Hypochlorite Generators—see *Water Treatment Equipment*

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; Reactor Instrumentation*
Industrial Safety—see *Consultants (Safety, Plant); Inspection Services*
Information Services—also see *Operating Experience Info Services; Research Services*
Infrared—see *Nondestructive Testing; Remote-Viewing Instruments; Test Equip.; Testing Serv.*
Inhibitors, Corrosion—see *Corrosion Inhibitors*
Inserts, Drum—see *Containers*
Inspection Services—also see *Imaging, Digital; NDT; Testing Services; Video Services*
 40900020 Containment
 40900030 Control Rods & Drives
 40900050 Cranes & Hoists
 40900060 Dimensional
 40900070 Diaphragms, Storage Tank
 40900075 Foundation, Diesel Generator
 40900077 Foundation, Steam Generator
 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
 40900560 Tanks & Pools
 40900580 Turbine
 40900600 Visual, Remote
 40900620 Welding
 40900640 Underwater, Remote, In-Service
Inspection Systems, X-ray—see *Security Systems*
Instrument Cabinets—see *Cabinets & Panels, Instrument*
Instrument Services—also see *Calibration Services; Health Physics Services*
Instrumentation, Electronic—see *Electronic Instrumentation & Supplies*
Instrumentation, Misc.
 41015100 Analyzer, Total Uranium (Water, Urine)
Instrumentation, Reactor—see *Reactor Instrumentation*
Instrumentation, Seismic—see *Seismic Instrumentation*
Instruments, Particle-Measuring—see *Particle-Measuring Instruments*
Insulation, Electrical, Radiation-Resistant—also see *Maintenance & Repair Serv.*

- Insulation, Thermal**
 41200100 Blanket
 41200200 Cable
 41200300 Cable Tray
 41200330 High-Temperature
 41200360 Metal Reflective
 41200380 Nuclear Quality (Q Materials)
 41200400 Pipe and Tube
 41420
 41450 **Interceptors, Oil & Grease Inverters (DC to AC)**
Iodine Filters, Samplers—see *Filters (Carbon; HEPA); Gas Handling Equip. (Absorb.); Samplers*
 41550 **Ion Chromatography**
Ion-Exchange Systems, Materials & Services
 41700050 Components & Systems
 41700100 Materials
 41700200 Services
 42400 **Ion Sources**
Ionization Chambers—see *Counters; Detector Heads; Monitors, Radiation, Personnel*
Irradiation Sample Transfer Systems—see *Transfer Systems*
 42600 **Irradiation Services**
 42800 **Irradiators, Isotopic**—also see *Process Irradiation Facilities*
Isolation Plugs—see *Maintenance Services; Plugs*
 42870 **Isolators, Electronic Signal**
Isotope Distribution Scanners—see *Health Physics Equipment*
Isotope Safes—see *Safes*
 43150 **Isotope Separation Plants & Equipment**
Isotopes, Radioactive—see *Radioisotopes*
 43400 **Isotopes, Stable (Enriched)**
Isotopic Analysis—see *Analysis*
Isotopic Irradiators—see *Irradiators; Process Irradiation Facilities*

J

- Joints, Expansion**
 43700100 Conventional
 43700140 Ductwork, Fabric
 43700160 Ductwork, Metal
 43700200 Packless
Joints, Pipe—see *Pipe Joints*

K

- Kicksorters**—see *Analyzers (Pulse-Height)*

L

- Lab Coats**—see *Clothing, Protective*
Labeled Compounds—see *Radioisotopes*
Labels—see *Bar Coding Devices & Supplies; Tags & Labels; Health Physics Equipment & Supplies*
Labor—see *Employment/Personnel Support Services*
Laboratories, Hot—see *Hot Laboratories*
Laboratories, Mobile
 44000100 Analytical Services, On-Site
 44000200 Environmental Analysis
Laminations, Metal—see *Metal Components & Structures*
Laminar Flow—see *Calibration Equip.; Indicators; Testing Services*
 44060 **Lapping Compounds (High-Purity)**—also see *Abrasives*
 44070 **Lapping Equipment, Precision**—also see *Machining Services; Polishing Equipment*
 44080 **Laser Equipment & Accessories**
Laundry Services, Contaminated Clothing—see *Health Phys. Serv.*
Laundry Systems, Contaminated Clothing—see *Health Physics Equipment*
Lead Glass—see *Windows*
Lead Plastic—see *Shielding Materials, Radiation; Windows, Radiation-Shielding*

- Leak Detectors, Monitors**—see *Detectors, Leak; Monitors, Other Than Radiation*
Leak Repair, Concrete—see *Maintenance Services*
 45250 **Leak-Sealing Services, On-Line**
Leak Testing—see *Test Equipment; Testing Services*
 45280 † **Legal Services**
Level Indicators—see *Indicators; Transmitters*
 45350 **Licensing**—see *Consultants; Training*
Lifts, Aerial
Lights, Lighting
 45550100 Construction
 45550150 Emergency
 45550170 Hot Cell
 45550200 Pool, Nuclear
 45550250 Portable, Battery-Powered
 45550300 Reactor Floor
 45550400 Underwater
Liners, Container, Drum—see *Containers*
Liners, Hat—see *Clothing, Protective*
 45700 **Liners, Pool**
Lithium—see *Metals, Other*
Load Positioners—see *Positioners*
Locking Devices, Drum—see *Drum Locking Devices*
Loops, Test
 46200100 In-Pile
 46200200 Out-of-Pile
Loose Parts Monitors—see *Monitors, Other Than Radiation*
Loose Parts Retrieval—see *Analysis; Maintenance & Repair Serv.; Reactor Service Tools*
Lubricants
 46810050 Anti-Seize (High Purity)
 46810300 Radiation-Resistant
Lubrication Analysis—see *Analysis*
Lumber, Fire-Retardant Treated—see *Construction Materials*
Lumber & Pipe Monitors—see *Monitors, Radiation, Area & Special-Purpose*
Luminescent Tape, Warning—see *Tape*

M

- Machining Services**—also see *Metal Components & Structures*
 46950100 Computerized Numerical Controlled
 46950300 Conventional
 46950310 Electrical Discharge (EDM)
 46950350 Field
 46950400 Lapping
 46950430 Metal Disintegration Machining
 46950460 Plasma Arc Cutting
 46950500 Remote
 46950600 Shearing
 46950700 Underwater
Magnesium—see *Metals, Other*
Magnetic Particle Testing—see *Nondestructive Testing*
Magnets
 47200100 Conventional
 47200200 Superconducting
Maintenance Equip.—see *Decontamination; Cleaning Equipment; Tools; Workbenches; Work Platforms*
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 and Replacement
 47400370 Plant Life Management
 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
 47400500 Reactor
 47400520 Reactor Internals
 47400600 Refueling Equipment
 47400620 Regulatory Compliance Support ("Maintenance Rule")
 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
 47400850 Turbine-Generator
 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)
Man-Tracking Systems—see *Health Physics Equipment*
Management Information Systems—see *Computer Software; Consultants; Records Mgmt. Systems*
 47600 **Manipulators, Remote**—also see *Remote Control, Handling & Positioning Devices*
Mapping Services
 47620100 Automated
 47620200 Conventional
 47630 **Markers, Identification**
Markers, Pen, for Fabrication
Markers, Pipe
Marketing Services, Fuel—see *Fuel Marketing Services*
Mask Function Test Equipment—see *Test Equipment*
Masks—see *Respiratory Protection Equipment*
 47900 **Mass Spectrometers**—also see *Detectors, Leak*
Master-Slave Manipulators—see *Manipulators*
Materials Handling Equipment
 48050050 Automated
 48050100 Conventional
 48050200 Custom
 48050300 Explosion-proof
Materials, Shielding—see *Shielding Materials*
Materials Testing, Analysis—see *Analysis; Testing Services*
 48300 **Mechanical Control Devices**
Mechanical Couplings—see *Couplings*
Mechanical Seals—see *Maintenance & Repair Services; Seals*
Medical Equipment, Services, Emergency—see *Health Physics Equipment; Health Physics Services*
Medical Instrumentation, Nuclear—see *Health Physics Equipment*
Medical Radioisotopes—see *Radioisotopes*
Mesh, Concrete Reinforcement—see *Construction Materials*
Metal Alloys & Compounds—see *Metals, Other*

- 48950 **Metal Cladding Services**—also see *Metals, Other*
Metal Components & Structures—also see *Gratings, Catwalks, etc.; Machining Serv.; Racks*
- 49000030 Castings, Aluminum
49000100 Castings, Investment
49000150 Castings, Lead
49000200 Castings, Lost Wax (Cire Perdue)
49000300 Castings, Precision
49000330 Castings, Sand-Molded
49000360 Castings, Steel & Alloy Steel
49000400 Fabrications
49000500 Forgings
49000600 Laminations
49000650 Pressure-Formed
49000700 Roll-Formed, Custom
- Metal Detectors**—see *Detectors*
Metal Laminations—see *Metal Components & Structures*
- 49700 **Metalizing**
50000 **Metallographic Equipment**
Metallurgical Failure Analysis—see *Analysis; Samplers & Sampling Systems*
- Metals, Clad**—see *Metals, Other*
Metals, Lead—also see *Shielding Materials*
- 50250050 Brick
50250080 Fabricated Specialties
50250100 Lead Wool Blankets
50250150 Plate
50250200 Sheet
50250250 Shot
- Metals, Other**—also see *Graphite; Neutron Absorbers; Thorium; Uranium*
- 50300050 Alloys & Compounds
50300100 Aluminum
50300150 Clad
50300170 Copper
50300200 Hafnium
50300300 Lithium
50300350 Magnesium
50300400 Molybdenum
50300450 Nickel & Nickel-Base Alloys
50300500 Niobium
50300600 Tantalum
50300700 Tellurium
50300800 Titanium
50300850 Uranium Metal
50300900 Vacuum-Melted
50300950 Zirconium
- Metals, Steel**—also see *Construction Materials; Metals Other (Alloys, etc.)*
- 50350050 Boron Stainless
50350100 Carbon
50350200 Clad
50350250 Controlled-Chemistry Heat Melts
50350300 Ferritic
50350400 Stainless
- Metals, Vacuum-Melted**—see *Metals, Other*
- Meteorological Equipment**—also see *Environmental Monitoring Equip.*
- 51730100 Anemometers
51730200 Barometers
51730300 Humidity Sensors
51730400 Precipitation Sensors
51730500 Solar Radiation Sensors
51730600 Temperature Sensors
- Meteorology**—see *Consultants*
Meters—also see *Counters, Detectors; Hygrometry; Orifices; Ratemeters; Reactor Instr.*
- 51850100 Boron Concentration
51850200 Conductivity (Ion Concentration)
51850300 Energy Flow
51850400 Flow
51850500 Moisture
51850600 Reactor, Axial Offset
51850700 Reactor Period
- Meters, Counting-Rate**—see *Counters, Detectors; Ratemeters*
- 53600 **Microfilming**
Microprocessor Circuit Boards—see *Computers & Accessories*
Microscopy, Scanning—see *Inspection Services*
Mixers, Gas—see *Gas Handling Equipment*
Mobile Laboratories—see *Laboratories, Mobile*
- Mockup Design & Fabrication**—also see *Simulators; Training Materials*
- Mining, Uranium**—see *Uranium Mining*
- 53950100 Control Room
53950200 Equipment
53950300 Local & Remote Control Panels
54000 **Model Making**—also see *Training Materials*
- Moisture Meters**—see *Meters*
Moisture-Sensitive Tape—see *Tape*
Moisture Separators & Reheaters
Molybdenum—see *Metals, Other*
Monitoring & Control Systems, Reactor—see *Reactor Instrumentation*
- Monitoring, Environmental**—see *Computer Software; Environmental Monitoring Services*
- Monitoring Services, Radiation**—see *Health Physics Serv.; Radiation Monitoring Serv.*
- Monitors, Alarm Status**—see *Alarm Status*
- Monitors, Heat Stress**—see *Health Physics Equipment*
- Monitors, Other Than Radiation**—also see *Reactor Instrumentation*
- 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
54750720 Plant Performance (Flow/Temperature)
54750750 Reactor Heat Recovery Level (Outage)
54750780 Service Water System
54750790 Steam Generator Leak Rate
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
55040180 Laundry
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
55040360 Stack Effluent
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
- Monitors, Waste**—see *Monitors, Radiation, Area & Special-Purpose*
- Mops, Roll, Tacky**—see *Health Physics Equipment*
- 55200 **Mossbauer-Effect Equipment, Sources**
Motor Control Centers—see *Electrical Distribution & Control Equipment*
Motors—also see *Maintenance & Repair Services; Test Equipment; Testing Services*
- 55300050 Electrical
55300100 Hydraulic
55300150 Linear
- Multichannel Analyzers**—see *Analyzers*
Multiparameter Analyzers—see *Analyzers*
Multiplexing Systems—also see *Computers*
- 55470050 Analog
55470100 Digital
55470150 Remote
- Multi-Tube Cable**—see *Cable*
-
- 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 Matrixes
55490780 Metal Matrix Composites
55490790 Molded Shapes
55490810 Pellets
55490830 Plates
- Neutron Activation Analysis Services**
Neutron Activation Flux Wires & Foils
Neutron Detectors, Reactor
- 56400050 Ex-Core
56400100 In-Core
56400200 Superheated Drop (Bubble) Detectors
- Neutron Filters**—see *Filters, Neutron; Neutron Absorbers*
- Neutron-Flux-Mapping Systems**—see *Reactor Instrumentation*
- Neutron Generators**—see *Generators*
Neutron Howitzers
Neutron Spectrometers
Nickel & Nickel Base Alloys—see *Metals, Other*
- Niobium**—see *Metals, Other*
Noise Monitors—see *Monitors, Other Than Radiation*
- Nondestructive Testing**—also see *Test Equipment; Testing Services*
- 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
- Nozzles**—also see *Air Conditioning; Eductors*
- 56750030 Grit Blasting
56750050 Nozzle Dams, Steam Generator
56750100 Pressure Vessel
56750300 Spray
56750400 Steam Generator
- Nuclear Safety Analysis**—see *Analysis; Consultants*
- Nuclear Steam Supply Systems**
Nuclear Technology Policy
Nucon Smears—see *Health Physics Equipment & Supplies*
Nuts—see *Fasteners*

O

- Off-Gas Hydrogen Analyzers**—see Analyzers
- Off-Gas Treatment Systems**—see Analyzers; Gas Handling Equipment; Igniters; Stacks
- Oil & Grease Interceptors**—see Interceptors
- 57000 **Operating Experience Information Services**
- Operators, Valve**—see Valve Operators
- Orifices**
- 57050050 Coupling
- 57050100 Flow Restrictor
- 57050150 Multistage
- 57050200 Plate
- OSHA Compliance**—see Training
- Outlets, Extruded (Pipe)**—see Extruded Outlets
- Outage Management**—see Consultants; Maintenance & Repair Services
- Overpacks**—see Containers
- Oxygen Analyzers**—see Analyzers

P

- Packaging**—see Containers
- 57400 **Packings**
- 57600 **Paints**
- Panelboards**—see Electrical Distribution & Control Equipment
- Panels, Bullet-Resistant**—see Security Structures
- Panels, Shielding**—see Shielding Materials
- 58000 **Pants**—see Clothing, Protective
- Particle-Measuring Instruments**
- Particulate Samplers**—see Samplers
- Parts, Spare & Replacement**—see Spare & Replacement Parts
- Parts Washers**—see Cleaning Equipment
- Pellet & Slug Presses**—see Presses
- Penetration Ports**—see Ports
- Penetration Seals**—see Seals
- Penetrations, Containment**—also see Feedthroughs; Ports, Penetration; Sleeves, Wall
- 58250100 Electrical
- 58250200 Mechanical
- Pens**—see Data Readout Devices & Accessories; Markers
- Periscopes**—see Remote-Viewing Instruments
- Personnel**—see Employment/Personnel Support Services
- Personnel Access Control Systems**—see Security Systems
- Personnel Screening, Investigation**—see Security Services
- Personnel Screening, Stress/Health**—see Consultants; Health Physics Services
- Phantoms, Radiation-Dosimetry**—see Health Physics Equipment
- Photodocumentation, Plant**—see Video Services
- 58800 **Photogrammetry, Close-Range**
- Photomultiplier Tubes**—see Detector Heads
- Pipe**—also see Cleaning Equip.; Extruded Outlets; Fittings; Pipe; Piping Systems
- 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
- 59820 **Pipe Bending Services**
- Pipe Cleaning Services**—see Maintenance Services

Pipe & Tube Machinery &

- Equipment**—also see Cleaning Equip. (Tube Cleaning); Welding Equip.
- 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
- Pipe Fittings**—see Fittings
- Pipe Flanges**—see Flanges, Pipe
- Pipe Hangers and Supports**
- Pipe Joints**
- Pipe Markers**—see Markers, Pipe
- Pipe & Lumber Monitors**—see Monitors, Radiation, Area & Special-Purpose
- Pipe Pressure Tester**—see Testers, Pressure, Pipe
- 60450 **Pipe Whip Restraints**
- Pipe Wraps/Sleeves**—see Shielding Materials
- Pipeline Inspection**—see Inspection Services
- Piping Pulsation Dampeners**—see Pulsation Dampeners
- Piping Shock Absorbers**—see Shock Absorbers, Piping; Snubbers
- Piping Systems**—also see Analysis; Computer Software; Consultants
- 60900200 Design
- 60900300 Erection
- Planchet Changers, Automatic**—see Health Physics Equipment
- Planchets, Counting**—see Health Physics Equipment
- Plant Life Extension, Management**—see Consultants; Maintenance & Repair Services
- Plant Performance Analysis, Monitoring**—see Analysis; Monitors, Other; Testing Services
- 64120 **Plant Photodocumentation**—see Video Services
- Plant Safety**—see Analysis; Consultants
- Plastic Sheeting, Tubing**—see Health Physics Equipment & Supplies; Protective Coverings
- Platform-Mounted Nuclear Power Plants**—see Power Plants, Nuclear, Platform-Mounted
- Platforms, Work**—see Work Platforms
- Plating and Anodizing**
- Plotters**—see Computers & Accessories; Data Readout Devices
- Plugging**—see Maintenance Services; Steam Generator Maintenance
- 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
- Plugs, Wall, Hot-Cell**—see Hot-Cell Wall Plugs, Sleeves
- 61800 **Pneumatic Mechanisms**
- Pneumatic Transfer Systems**—see Transfer Systems
- 62020 **Polishing Equipment, Precision**—also see Lapping Equipment
- Polishing Grits**—see Abrasives
- Pool Inspection**—see Insp. Serv.

- 62100 **Pool Liners**—see Liners, Pool
- Ponds, Spray**
- Portal Monitors**—see Monitors, Radiation, Personnel (Doorway)
- Ports, Penetration**—also see Penetrations
- Positioners, Load**
- Post-Accident Sampling Analyzers**—see Analyzers
- Post-Tensioning Materials & Systems, Containment Structure**
- Post-Tensioning System Surveillance**—see Maintenance Services
- Powder Compacting Presses**—see Presses
- Power Apparatus Testing**—see Test Equipment; Testing Services
- Power Condition Monitoring**—see Testing Services
- Power Plant Control Equipment**—see Control Equipment; Reactor Instrumentation
- Power Plants, Nuclear, Platform-Mounted**
- Power Supplies**—also see Batteries; Generators; Inverters; Thermionic Devices; Thermoelectric
- 63400050 AC
- 63400100 DC
- 63400150 High-Frequency
- 63400200 High-Voltage
- 63400250 Instrument
- 63400270 Power Line Conditioner
- 63400300 Stand-by
- 63400400 Uninterruptible (AC-DC-AC)
- 63800
- 64000
- Preamplifiers**
- Presses, Pellet & Slug Forming, Powder Compacting**
- Pressure Indicators**—see Indicators; Meteorological Equipment
- Pressure Testers, Pipe**—see Testers, Pressure, Pipe
- Pressure Transducers**—see Transducers
- Pressure Vessel Flanges & Nozzles**—see Flanges; Nozzles
- Pressure Vessel Shells**—see Shells
- Pressure Vessels**—see Vessels
- Pressurizers, Reactor**
- Preventive Maintenance**—see Computer Software; Consultants; Maintenance Services
- Printers**—see Computers & Accessories; Data Readout Devices
- Probes, Radiation**—see Detector Heads; Counters, Detectors
- Process Irradiation Facilities**—also see Generators, Electron; Irrad. Serv.; Irradiators
- 64190100 Electron Beam
- 64190200 Gamma
- Processing Columns**—see Columns
- Procurement Support**—see Consultants
- Project Management**—see Computer Serv.; Computer Software; Consultants; Training
- Proportioners, Gas**—see Gas Handling Equipment
- Protective Clothing**—see Clothing
- Protective Coatings**—see Coatings; Maintenance Services
- 64300 **Protective Coverings & Tarpaulins**
- Psychological Testing**—see Testing, Psychological
- Public and Community Relations**
- Publications**
- Pulsation Dampeners, Piping**
- Pulse Amplifiers**—see Amplifiers
- Pulse Generators, Signal**—see Generators
- Pump Casings, Primary Coolant**—see Casings
- Pump Inspection & Repair**—see Maintenance & Repair Services
- 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
 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

Purifiers, Gas—see *Gas Handling Equipment*

Q

Quality Assurance Services—also see *Computer Services.; Computer Software; Consultants; Training*
 66200100 ISO 9001=2000

R

Racks, Fuel Storage—also see *Storage Systems, Spent-Fuel*
 66280100 Conventional
 66280200 High-Density

Radiation Absorbers—see *Absorbers; Neutron Absorbers; Sorbents*

Radiation Counters—see *Counters; Detector Heads; Health Phys. Equip.; Monitors; Ratemeters*

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-Dosimetry Phantoms—see *Health Physics Equipment*

Radiation Indicators—see *Counters; Detector Heads; Monitors; Reactor Instrumentation*

Radiation Management—see *Consultants; Health Physics Serv.; Records Mgmt. Systems; Training*

Radiation Monitoring Serv.—also see *Audits; Envir. Monitoring; Health Phys. Serv.; Sampling*
 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 Probes—see *Detector Heads; Counters, Detectors*

Radiation Protection Recordkeeping Systems—see *Computer Software; Records Management Systems*

Radiation Protection Training—see *Health Physics Services; Training*

Radiation-Shielded Containers—see *Containers*

Radiation-Shielded Doors—see *Doors*

Radiation Shielding—see *Metals, Lead; Neutron Absorbers; Shielding; Windows*

Radiation Standards—see *Radioisotopes*

Radioactive Source Encapsulation—see *Encapsulation; Radiation Monitoring Services*

Radioactive Waste Disposal, Low-Level—see *Waste Management Services*

Radioactive Waste Management Services—see *Waste Management Services*

Radioactive Waste Handling & Treatment Equip.—also see *Ion Exchange; 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
 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)

Radiobiological Equipment—see *Health Physics Equipment*

Radiochemistry—see *Equipment Rental; Health Physics Services; Training*

RF Equipment—see *Fusion Reactor Components & Systems*

Radiographic Equipment & Accessories—also see *Imaging, Digital*
 68800100 Gamma Ray
 68800200 Neutron
 68800300 X-ray

Radiography (Services)
 68900100 Gamma
 68900200 Neutron

Radioimmunoassay—see *Health Physics Services*

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 Phys. Serv.*

Radiopharmaceuticals—see *Radioisotopes*

Radios—see *Communication Systems; Emergency Warning Systems*

Radon Detection—see *Monitors, Radiation, Area*

Railroad Cars—see *Cars, Railroad*

Ratemeters, Counting Ratemeters-Scalers

Reactor Cavity Pool Seals—see *Seals*

Reactor Containment Structures—see *Containment Structures, Reactor Structures*

Reactor Core Structural—see *Core Structures*

Reactor Cores—see *Cores, Reactor*

Reactor Heat Recovery Level Monitors—see *Monitors, Other than Radiation*

Reactor Instrumentation & Monitoring Systems—also see *Electronic Instrumentation*
 69600050 Boron Monitoring Systems
 69600100 Control Panels & Ancillary Equipment
 69600150 Diagnostic Instrumentation
 69600200 Flow Measurement Systems
 69600220 Flux-Mapping Systems
 69600240 Gamma Thermometers, Reactor PowerMonitor

69600260 Inadequate Core Cooling (ICC) Monitoring Systems
 69600300 Isotopic Analysis Systems
 69600400 Neutron Monitoring Systems
 69600450 Protection Systems, Reactor
 69600500 Radiation Monitoring Systems
 69600520 Reactor Temperature Scanning
 69600540 Reactor Vessel Level Monitoring Systems
 69600560 Redundant Signal Selector Systems
 69600580 Rod Control/Drive Systems
 69600600 Rod-Position Indication Systems
 69600650 Safety Parameter Display Systems
 69600700 Stability Monitoring Systems

Reactor Period Meters—see *Meters*

Reactor Pressure Vessels—see *Vessels*

Reactor Axial Offset Meters—see *Meters*

Reactor Safety Analysis—see *Analysis; Consultants*

Reactor Safety Research

Reactor Service Tools & Devices—also see *Tools*
 70600
 70650100 Camera (CCTV) Manipulator Tools
 70650200 Component Shielding
 70650300 Control Element Assembly Handling Tools
 70650400 Control Rod Drive Handling Equipment
 70650430 Core Plug Removal Tool
 70650450 Flux Thimble Removal & Cleaning Equipment
 70650500 Local Power Range Monitor (LPRM) Cutting Tools
 70650510 LPRM Benders
 70650520 LPRM Handling Tools
 70650540 LPRM Strongbacks
 70650570 Nut Runner & Handling Tool, RPV
 70650600 Reactor Pool Cleaning Equipment
 70650650 Reactor Vessel Cleaning Machine
 70650700 Retrieval Tools
 70650750 Rod Control Cluster Assembly Handling Tools
 70650800 Seal Surface Cleaning Equipment, RPV
 70650850 Special-Purpose Tools
 70650900 Stud/Nut Cleaning Equipment, RPV
 70650910 Stud/Nut Removal Systems, Non-RPV
 70650950 Stud Removal Systems, RPV
 70650980 Under-Vessel Transfer System
 70670

Reactors, Heating

Reactors, Power—see *Nuclear Steam Supply Systems*

Reactors, Research & Training Rebar—see *Construction Materials*

Recirculation Outlet Nozzle Plugs—see *Plugs*

Recombiners

Recorders—see *Data Readout Devices; Monitors; React. Instrum.; Records Mgmt. Systems*

Recording Charts, Pens—see *Data Readout Devices & Accessories*

Records Management Systems—also see *Computer Software; Imaging, Digital*
 71190020 Configuration Management
 71190030 Document Storage & Retrieval
 71190050 Drawing Control
 71190100 Health Physics
 71190200 Operations Recording
 71190300 Spare Parts
 71190400 Training

Recruitment—see *Employment*

Redundant Signal Selector Systems—see *Reactor Instrumentation & Monitoring*

Refacing Equipment—see *Flange Refacing; Heat Exchangers*

Reference Standards, Metal—see *Corrosion Coupons*

Refractories, High-Purity, High-Temperature

Refrigeration—also see *Air-Conditioning; Cooling Systems, Body; Sample Coolers*

Refueling Equipment—see *Fuel Handling Equipment*

Refueling Services

Regeneration, Resin—see *Waste Management Services*

Regulators, Air Pressure

Regulators, Feedwater

Regulatory Compliance—see *Consultants; Health Physics Services; Maintenance & Repair Serv.*

- Reheaters**—see *Moisture Separators & Reheaters*
- Reinforcing Bar (Rebar)**—see *Construction Materials*
- Relays**—see *Electrical Distribution & Control Equipment*
- Reliability**—see *Analysis; Computer Software; Consultants; Training*
- Remote Control, Handling & Positioning Devices & Sys.**—also see *Robotic Devices; Manipulators*
- 72300050 Artificial Intelligence/Expert Systems
72300070 End Effectors, Grippers, & Wrists
72300100 Remote Control
72300200 Remote Handling
72300300 Remote Positioning
72300400 Robotics
- Remote Manipulators**—see *Manipulators*
- Remote-Viewing Instruments & Systems**—also see *Fiber Optic; Imaging, Digital; TV 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*
- Repair Services**—see *Health Phys. Serv.; Maint. & Repair Serv.; Steam Generator Maint.*
- Replacement Parts**—see *Spare & Replacement Parts*
- 73350 **Reprocessing Equipment, Fuel**
73400 **Reprocessing, Fuel**
- Research, Reactor Safety**—see *Reactor Safety Research*
- Research Reactors**—see *Reactors*
- 73450 **Research Services, Nuclear**—also see *Consultants; Information Services*
- Resin Regeneration**—see *Waste Management Services*
- Resins, Ion-Exchange**—see *Ion-Exchange Materials*
- Resistance Temperature Detectors**—see *Detectors; Test Equip.; Testing Services*
- Respirator Fit Testing**—see *Health Physics Services*
- Respirator Tracking Systems**—see *Health Physics Equipment*
- Respiratory Equipment Cleaning, Repair & Testing**—see *Health Physics Services*
- Respiratory Protection Equip.**—also see *Audits; Clothing, Protective; Health Physics Services; Test Equipment*
- 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
- Restraints**—see *Pipe Whip Restraints; Seismic Restraints*
- 73570 **Rigging Specialists**
- Rings, Contraction**—see *Welding Equipment & Supplies*
- 73590 **Rings, Retaining**
- Risk Analysis**—see *Analysis*
- Robotic Devices, Systems**—also see *Cable, Electrical; Manipulators; Remote Control*
- 73620100 CAD-Driven
- 73620200 Condenser, In-Service Inspection
73620250 Force/Torque Sensors
73620300 Reactor Vessel Head, ISI
73620400 Submersible
- Roll-Formed Metal Components, Shapes**—see *Metal Components*
- Roll Mops, Tacky**—see *Health Physics Equipment*
- 73670 **Rollers**
73680 **Rolling Systems**
- Root Cause Analysis**—see *Analysis; Training*
- Rotating Machinery Maintenance**—see *Alignment Systems; Maintenance & Repair Services*
- 73720 **Rubber Lining Services**
73730 **Rupture Disks, Safety Heads**
73750 **Rust Removers**
-
- S**
- 73770 **Safeguard Systems**
- Safes**
- 73790100 Isotope
73790200 Thermoluminescent Dosimeter (TLD)
- Safety Analysis**—see *Analysis; Consultants; Inspection Services; Training*
- 75500 **Safety Belts**—see *Fall Protection*
- Safety Heads, Rupture Disks**—see *Rupture Disks*
- Safety Parameter Display Systems**—see *Reactor Instr. & Monitoring Systems*
- 75600050
75600080
75600100
75600150
- Safety Research, Reactor**—see *Reactor Safety Research*
- Sample Casks, Post-Accident**—see *Containers*
- 73900 **Sample Changers**
73950 **Sample Coolers**
- Sample Transfer Systems**—see *Transfer Systems*
- Samplers & Sampling Systems**
- 75700005 Air (Carried by Personnel)
75700010 Air Particulate
757000120 Automatic Systems
75700140 Evaporator Concentrate
75700150 Gas
75700155 Iodine
75700160 Liquid
75700165 Metallurgical
75700170 Real-Time Remote
75700180 Stack Sampling
75700185
- Sampling Systems Services**—also see *Radiation Monitoring Services*
- Scabbling, Concrete**—see *Concrete Breaking, Drilling; Decontamination Chemicals & Equipment*
- Scaffolding**—also see *Shoring; Training*
- 74350020 Conventional
74350040 Modular
74350060 Scaffold Plank
74350080 Suspended Type
74350100 Tube & Clamp Type
74400
- Scalers**—also see *Ratemeters-Scalers*
- Scales, Weighing, Nuclear**
- 74600030 Cellular Weighing
74600050 Lift Truck
74600070 Overhead Crane
74600090 Tension Dynamometers
74600100 Wheel Weighers
- Scanners, Isotope Distribution**—see *Health Physics Equipment*
- Scintillation Glasses**
- Scintillation Plastics**
- Scintillation Solution, Liquid**
- Scintillators**—see *Counters; Detector Heads*
- Scopes, Viewing**—see *Remote-Viewing Instruments*
- Scrap Melting**—see *Waste Management Services*
- Screening, Investigation**—see *Consultants; Security Services*
- Screening, Psychological, Security**—see *Consultants; Security Serv.; Testing, Psychological*
- Screens, Traveling**—see *Water Intake Facilities*
- Seal Reconditioning**—see *Lapping Equip.; Polishing Equip.; Reactor Serv. Tools*
- Sealed Sources**—see *Radioisotopes; Testing Services; Waste Mgmt. Services*
- Sealers, Heat**—see *Heat Sealing Equipment*
- Seals**—also see *Bellows, Metal; Decontamination Chemicals & Equipment; Plugs*
- 75190050 Ceramic-Metal Assemblies
75190080 Equipment Storage Pool
75190100 Flat Gasketing
75190120 Flat Gasketing, Radiation-Resistant
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 *Rad. Waste Handling & Treatment Equip.*
- Security Doors**—see *Doors*
- Security Enforcement Products**
- Security Services**—also see *Audits; Computer Software; Consultants; Testing, Psych.; Training*
- 75600050 Analysis
75600080 Engineering
75600100 Guards
75600150 Screening & Investigation
- Security Structures**
- 75700005 Badge Drops, Bullet-Resistant
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 *Computer Software; Consultants; Detectors, Explosives*
- 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 Equipment & Services
75850570 Intruder Detection (Laser, Microwave/Infrared)
- 75850600 Metal (Weapon) Detectors
75850650 Night Vision Scopes & Devices
75850700 Personal Alarm
75850750 Personnel Access Control
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 *Analysis; Consultants; Testing Services; Training*
- Seismic Instrumentation & Testing**
- Seismic Restraints**—also see *Snubbers; Tubing Clamps, Supports*
- Selenium**
- Semiconductor Devices**
- Sensors**—also see *Detectors; Transducers*
- 76400 Acoustic
76600 Force & Torque
76800 Temperature
77000 Vibration
- Sensors, Neutron**—see *Neutron Detectors*
- Separation Plants & Equipment, Isotope**—see *Isotope Separation Plants*
- Separators**—see *Compressed Air Systems; Moisture Separators; Steam Separators*

- 77600 **Servomechanisms**
Shears, Velocity Limiter—see *Solid Waste Reduction Equipment*
Sheeting, Plastic—see *Health Physics Equipment & Supplies; Protective Coverings*
- 77700 **Shells, Pressure Vessel**
77750 **Shielding Design, Radiation**—also see *Analysis; Consultants*
Shielding Materials, Rad.—also see *Containers; Doors; Metals, Lead; Neut. Absorbers; Windows*
- 77800030 Acrylic Sheeting Products, Beta-Shielding
77800050 Aggregates, High-Density Concrete
77800100 Blankets
77800150 Blocks, Concrete, Lead-Core
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)
77830 **Shim Stock**
Shipping Containers—see *Containers*
Shirts—see *Clothing, Protective*
- 77860 **Shock Absorbers, Piping (Water Hammer)**—also see *Snubbers*
Shoes, Shoe Covers—see *Clothing, Protective*
- 77900 **Shoring**—also see *Scaffolding*
Signal Generators—see *Generators, Signal*
Signals, Warning—see *Alarms*
Signs, Warning, Radiation—see *Health Physics Equipment & Supplies*
- 78100 **Silencers, Steam Safety Valve**
78200 **Silicone**
78400 **Simulators, Power Plant & Reactor**—also see *Consultants; Mockup Design*
- 78450 **Simulators, Radiation**
Single-Channel Analyzers—see *Analyzers*
Sirens—see *Emergency Warning Systems; Inspection Services; Testing Services*
Siting—see *Analysis; Consultants*
- 78700 **Sleeves, Wall (Pipe)**—also see *Hot Cell Wall Plugs, Sleeves*
Sludge Analyzers—see *Analyzers*
Slurry Pumps—see *Pumps, Other*
Smears, Swipes—see *Health Physics Equipment & Supplies*
Snubber Repair—see *Maintenance & Repair Services; Testing Services; Training*
- Snubbers**
79000030 Fuel Storage Rack
79000050 Gauge
79000070 High-Vibration
79000080 Hydraulic
79000100 Large Equipment
79000150 Pipe Support
79200 **Sodium-Handling Equipment**
Sodium Hypochlorite Generators—see *Water Treatment Equipment*
Sodium Pumps—see *Pumps, Other*
Software, Computer—see *Computer Software*
- 79350 **Solenoids**
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
- Sorbents**
79370100 Environmental Spill
79370400 Liquid Radwaste
- Source Encapsulation**—see *Encapsulation; Rad. Monitor. Serv.*
Sorters, Sorting Tables, Radwaste—see *Radioactive Waste Handling*
- Sources, Ion**—see *Ion Sources*
Sources, Radioactive—see *Radioisotopes; Testing Services*
- 79740 **Spare & Replacement Parts (Secondary Sources)**
Spare Parts Systems—see *Consultants; Records Management Systems*
- Spectrometers**—see *Mass Spectrometers; Neutron Spectrometers*
- 79850 **Spectroscopy Systems**—also see *Amplifiers*
Spent-Fuel Consolidation—see *Fuel Element Consolidation*
Spent-Fuel Reprocessing—see *Reprocessing*
Spent-Fuel Storage—see *Racks; Storage Services; Storage Systems, Spent-Fuel*
- Spray Nozzles**—see *Nozzles*
Spray Ponds—see *Ponds*
- 80200 **Splitters, Electronic Signal**—also see *Electronic Instrumentation & Supplies*
- 80400 **Springs**
Stability Monitoring Systems—see *Reactor Instrumentation & Monitoring Systems*
- Stack Effluent Monitors**—see *Monitors, Radiation, Area*
- 80520 **Stacks, Off-Gas**
Stair Treads—see *Gratings*
Standards
Staffing—see *Employment/Personnel Support Services*
- 80565600 **Testing**
Standards, Radiation—see *Radioisotopes*
Stand-by Generators—see *Generators*
Starters—see *Electrical Distribution & Control Equipment*
- 80600 **Startup Services**
Steam Analyzers—see *Analyzers*
Steam Condensers—see *Condensers; Condensing Pots*
Steam Generator Leak Rate Monitors—see *Monitors, Other Than Radiation*
Steam Generator Maintenance & Repair
- 80730100 Cleaning
80730150 Computer Software
80730170 Eddy Current Testing
80730185 Girth Weld Maintenance
80730200 In-Service Inspection
80730250 Manway Cover Handling Equipment
80730280 Nickel Electroplating
80730290 Penetrations, Nozzles, & Handholds
80730300 Plugging
80730350 Replacement
80730400 Sleeving
80730450 Tube Expansion
80730500 Tube Extraction
80730550 Tube Heat Treatment
80730600 Tube Shot Peening
- Steam Generator Nozzles, Nozzle Dams**—see *Nozzles*
Steam Generator Sleeves—see *Tubing*
Steam Generators, Power Plant
Steam Generators, Stand-by, Auxiliary
Steam Separators, Power Plant
Stellite Ball Punches—see *Solid Waste Reduction Equipment*
Stem Gland Packing Systems—see *Valve Stem Gland Packing Systems*
- 81600 **Stills, Water**
- Storage Facilities, Waste**—see *Radioactive Waste Treatment Equipment*
Storage Racks, Fuel—see *Racks, Fuel Storage*
- Storage Services**
81680100 Equipment
81680200 Fresh Fuel
81680300 Spent Fuel
81680400 Uranium, Enriched
81680500 Uranium, Natural
- Storage Systems, Energy**—see *Energy Storage Systems*
Storage Systems, Spent-Fuel—also see *Containers; Racks*
- 81710100 Dry
81710200 Wet
- Storage Tank Diaphragms**—see *Diaphragms, Storage Tank*
Storage Tanks—see *Tanks*
Strain Gauge Testing—see *Testing Services*
Strainer/Sump Blockage Analysis—see *Analysis*
- Strainers**—also see *Interceptors*
81790025 ECCS
81790100 Lubricating Oil, Basket, Manual
81790150 Solids, Hair, Debris
81790200 Suppression Pool
81790300 Water, Automatic
81790400 Water, Basket, Manual
- Straining Filters, Cloth**—see *Filters*
Strapping Tape, Reinforced (Nuclear)—see *Tape*
Streaming Collars—see *Shielding Materials*
- Stress Analysis**—see *Analysis*
Stress, Personnel—see *Consultants; Health Phys. Serv.; Security Serv.; Testing, Psych.*
- Stress-Relieving Equipment**—also see *Furnaces*
- Strip Chart Recorders**—see *Data Readout Devices*
Structural Analysis—see *Analysis*
Structural Supports, Component
Structurals, Reactor Core—see *CoreStructurals*
- 82310 **Structures, Fabric, Tensioned Stud Drive Tool**—see *Tools*
Stud Hole Plugs—see *Plugs*
Stud Removal Systems (RPV)—see *Reactor Service Tools*
- Stud Tensioners**—see *Tensioners*
Studs—see *Fasteners*
Sump/Strainer Blockage Analysis—see *Analysis*
- Superconducting Wire**—see *Wire*
Superheaters, Power Plant—also see *Desuperheaters*
- Support Services, Technical & Professional**—see *Employment; Health Physics Services*
Support Structures, Fuel Element—see *Grids*
- Supports**—see *Brackets, Supports; Pipe Hangers & Supports*
- Surface-Conditioning Products (Cleaning, Touchup, Weld Prep, etc.)**—see *Abrasives, Non-Woven*
- Survey Meters**—see *Monitors, Radiation, Area*
- Swipes**—see *Health Physics Equipment & Supplies*
Switchboards (Power Distribution)—see *Electrical Distribution & Control Equipment*
- Switches**
82950020 Differential
82950030 Float
82950040 Flow
82950080 High-Temperature
82950120 High-Voltage
82950160 Key-Operated
82950200 Knife
82950240 Limit
82950280 Liquid Level
82950320 Magnetic
82950360 Mercury
82950400 Momentary Contact
82950440 Power
82950480 Pressure

- 82950500 Pressure, Differential
82950520 Programmable
82950560 Proximity Limit
82950600 Push Button
82950640 Reed
82950680 Rocker
82950720 Rotary
82950740 Safety
82950760 Slide
82950800 Solenoid
82950840 Solid-State
82950860 Temperature
82950880 Toggle
82950920 Vacuum
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- T**
- Tables, Sorting**—see *Radioactive Waste Handling & Treatment Equip.*
- 83110 **Tags & Labels (Warning, Inventory, etc.)**—also see *Bar Coding Devices & Supplies; Health Physics Equipment & Supplies*
- 83120 **Tags, Valve**
Tank Linings—see *Liners, Pool*
Tanks, Storage—also see *Diaphragms, Storage Tank; Inspection Services*
- 83150100 Aluminum
83150200 Glass Fiber
83150300 Plastic
83150400 Rubber, Collapsible
83150500 Steel
83150600 Steel, Stainless
- Tantalum**—see *Metals, Other*
- Tape**
- 83210100 Cloth, Nuclear
83210150 Electrical Splicing Tape
83210200 Foam
83210300 Moisture-Sensitive
83210400 Reinforced Strapping, Nuclear
83210500 Warning, Luminescent
- Targets, Accelerator**—see *Accelerators & Accessories*
- Tarpaulins**—see *Protective Coverings*
- Team Building**—see *Training*
- Technical Support Services**—see *Employment; Health Physics Services*
- Telerobotics**—see *Computer Software; Remote Control; Remote Viewing; Robotic Devices*
- Telescopes**—see *Remote-Viewing Instruments*
- Television Systems (CCTV)**—also see *Imaging, Digital; Security Systems; Video Services*
- 83600100 Conventional
83600200 High-Temperature
83600300 Miniature (Remote Viewing)
83600350 Pipe Inspection
83600400 Underwater, Color, High-Radiation
83600500 Welding Arc Viewing (Color)
- Tellurium**—see *Metals, Other*
- Temperature Indicators**—see *Indicators*
- Temperature Monitors**—see *Monitors*
- Temperature Sensors**—see *Meteorological Equipment; Sensors*
- Temperature Transducers**—see *Transducers*
- Tensioning, Bolt**—see *Maintenance Services*
- 84000 **Tensioners, Stud, Hydraulic**
- Tents**—see *Structures, Fabric, Tensioned*
- 84100 **Terminal Blocks**
- Test Equipment & Supplies**—also see *Health Physics Equip.; Nondestructive Testing*
- 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
84150280 Ferrite Detection (SS Welds)
84150300 Fiber Optic
84150320 HEPA Filter
84150340 Infrared Imaging
84150380 Instrumentation & Control
84150400 Leak-Rate, Local
- 84150430 Manual
84150450 Mask Function
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
- 84430 **Test Loops**—see *Loops, Test*
- Testers, Pressure, Pipe**
- Testing, Nondestructive**—see *Nondestructive Testing; Training*
- 84550 **Testing, Psychological**—also see *Consultants; Security Services*
- Testing Services**—also see *Analysis; Filter Serv.; Maintenance Serv.; Nondestructive Testing*
- 84600020 Alloy Identification (On-Site)
84600030 Balance-of-Plant Systems
84600040 Coatings
84600050 Components, Reactor
84600100 Components, Other
84600150 Containment Structural Integrity Testing
84600200 Corrosion Detection
84600250 Electric Motors
84600290 Electrical Systems & Components
84600300 Electromagnetic Compatibility
84600310 Environmental Qualification
84600320 Equipment Condition Monitoring
84600330 Fatigue
84600360 Fire Resistance/Flammability
84600380 Flow
84600390 Fracture Mechanics
84600420 Fuel, Irradiated
84600430 Heat Transfer, Condenser Performance
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
84600610 Neutron Attenuation
84600620 Nondestructive
84600640 Nuclear Systems
84600650 Photometric Testing
84600660 Plant Performance
84600680 Plastics/Polymers
84600710 Power Apparatus
84600720 Power Condition Monitoring
84600760 Pumps
84600765 Quality Services
84600770 Resistance Temperature Detectors
84600780 Sealed Sources (Pressure, Temperature)
84600840 Seismic
84600860 Siren Systems
84600890 Snubber
84600910 Strain Gauge
84600920 Structures
84600940 Transport Containers
84600960 Turbulent Flow
84600970 Ultrasonic
84600980 Vibration
84600990 Wall Thinning Detection, Tube
- Thermal Analysis**—see *Analysis*
- Thermal Hydraulics**—see *Consultants (Heat Transfer & Fluid Flow)*
- 84800 **Thermionic Devices**
- 84900 **Thermionic Materials**
- 85000 **Thermocouples**—also see *Connectors*
- 85200 **Thermoelectric Devices**
- 85400 **Thermoelectric Materials**
- Thermometers**—see *Indicators; Monitors, Temperature; Sensors, Temperature*
- Thermometers, Gamma**—see *Reactor Instrumentation*
- Thermoluminescent Dosimeter**
- Safes**—see *Safes*
- Thermoluminescent Dosimeter (TLD) Services**—see *Health Physics Services*
- 85700 **Thermoluminescent Dosimeters**—see *Monitors, Radiation, Personnel*
- Thermonuclear**—see *Fusion Reactor Components & Systems*
- 85700 **Thermowells, Resistance Temperature Detector**—also see *Detectors, Resistance Temperature*
- 85800 **Thorium**
- Ties, Cable**—see *Cable Ties*
- Time-of-Flight Analyzers**—see *Analyzers*
- Time-to-Pulse-Height Converters**—see *Converters*
- 86000 **Tissue-Equivalent Materials**
- Titanium**—see *Metals, Other*
- 86070 **Titration Systems**
- 86100 **Tool Control Services**
- Tool Monitors, Radiation**—see *Monitors, Radiation, Area & Special-Purpose*
- Tools**—also see *Reactor Service Tools; Wrenches*
- 86130050 Custom-Made
86130100 Electric
86130150 Hydraulic
86130200 Pneumatic
86130250 Stud Drive (for Reactor Closure)
86130300 Vacuum-Assisted
- 86150 **Torque Indicators**—also see *Robotic Devices; Sensors*
- 86200 **Towers, Cooling**—also see *Heat Sinks, Ultimate*
- Toxicology, Industrial**—see *Health Physics Services*
- Trailers, Mobile**—see *Health Physics Equipment (Decon Trailers); Laboratories, Mobile*
- Trailers, Spent-Fuel Transport 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
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
86300510 Nuclear Power Plant Operations Personnel
86300515 Organizational Effectiveness
86300520 OSHA Compliance
86300525 Plant Commissioning
86300530 Process Control Statistical
86300540 Project Management
86300580 Quality Assurance/Quality Control
86300610 Radiation Management (ALARA)
86300640 Radiation Protection
86300660 Radiochemistry
86300670 Reliability Analysis
86300690 Research Reactor Utilization & Maintenance
86300710 Respiratory Protection
86300730 Root Cause Analysis
86300740 Safety Evaluation
86300750 Scaffolding
86300760 Security Personnel
86300770 Seismic Qualification
86300775 Simulator, Power Plant & Reactor
86300780 Snubber Maintenance & Overhaul
86300800 Simulators, Radiation
86300810 Snubber Maintenance & Overhaul
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
Training Reactors—see *Reactors*
Transducers—also see *Detectors, Resistance Temperature; Transmitters; Sensors, Temperature*
 86750100 Displacement
 86750200 Force & Weight
 86750300 Pressure
 86750350 Pressure/Temperature
 86750400 Temperature
Transfer Cars—see *Cars, Railroad*
Transfer Systems for Irradiation Samples
 86800100 Hydraulic
 86800200 Pneumatic
Transformers
 86870100 Control, Power
 86870200 Dry Type
 86870300 Linear Variable Differential
Transient Voltage Surge Suppression System—see *Electrical Distr. & Control Equip.*
 86900 **Translation Services**
Transmitters—also see *Communications Systems*
 86970100 Electronic
 86970180 Level, Liquid
 86970200 Measurement
 86970300 Microwave
 86970400 Pressure
 86970500 Pressure Differential
Transition Joints, Bimetallic—see *Joints, Transition*
Transport Services
 87000100 Consulting/Transport Management
 87000150 Heavy Components
 87000170 Intermodal/Rail
 87000180 Liners
 87000200 Radioactive, High-Level
 87000300 Radioactive, Low-Level
 87000400 UF6/U3O8
Trash Racks—see *Water Intake Facilities*
Traveling Screens—see *Water Intake Facilities*
Trays
 87140100 Cable
 87140130 Covers
 87140170 Side Rails
 87140200 Tubing
 87380 **Tritium Handling Equipment**
Tritium Monitors—see *Monitors, Radiation, Area*
 87395 **Tritium Recycle & Extraction Equipment**
 87400 **Tritium Removal Equipment**
Tube Clamps, Supports—see *Tubing Clamps, Supports*
Tube Cleaning Equipment—see *Cleaning Equipment*
Tube Crimpers, Cutters, Expanders—see *Pipe & Tube Machinery*
 87680 **Tube Extraction (Removal) Equipment**
Tube Plugging, Sleeving—see *Steam Generator Maintenance & Repair*
Tube Systems
 87700050 Commercial Grade
 87700100 Stainless
 87750 **Tubes, Centrifugally Cast, & Elbows for Primary Loops (PWR)**
Tubes, Counter & Detector—see *Detector Heads, Sold Separately*
 87900 **Tubes, Electron**
 87950 **Tubes, Finned**
 88000 **Tubesheets**
Tubing—also see *Fittings, Tube; Fuel Element Cladding; Hose; Testing Services*
 88100030 Carbon Steel, Seamless
 88100100 Stainless

88100200 Stainless, Seamless
 88100300 Steam Generator
 88100310 Steam Generator Sleeves
 88100340 Titanium
 88100350 Titanium, Seamless
 88100400 Zirconium Alloy
Tubing Clamps, Supports
 88200100 Commercial Grade
 88200200 Seismic
Tubing, Plastic—see *Health Physics Equipment & Supplies*
Turbine-Coupling Bolts—see *Bolts*
Turbine Gears
 89400 **Turbine-Generators (Including Stators & Rotors)**
 89500 **Turbines, Feedwater Pump**
Turnstiles—see *Security Structures*

U

UF6 Cylinders—see *Containers*
Ultrasonic Testing—see *Nondestructive Testing; Test Equipment*
Umbilical Cord (Robotic)—see *Cable, Electrical*
Underwater—see *Diving; Maintenance & Repair; NDT; Solid Waste Reduction Equipment & Tools; Video Serv.; Welding Serv.*
Unions—see *Couplings*
 89580 **Uranium Blending**
 89590 **Uranium, Depleted**
 89600 **Uranium Conversion**
 89640 **Uranium Enrichment Exchange Services**—also see *Storage, Uranium*
 89650 **Uranium Enrichment Services**
Uranium Metal—see *Metals, Other*
 89760 **Uranium Exploration**
Uranium Marketing Services—see *Fuel Marketing Services*
Uranium Mill Tailings Reclamation—see *Waste Management Services*
 89795 **Uranium Mining**
 89800 **Uranium Ore Concentrates**
Uranium Storage—see *Containers; Storage Services*
Urinalysis—see *Health Physics Services*

V

Vacuum Blasting—see *Cleaning Equipment*
 90000 **Vacuum Breakers**
 90100 **Vacuum Equipment & Accessories**—also see *Cleaning Equip.; Filters; Pumps, Other; Test Equip.*
Vacuum-Melted Metals—see *Metals, Other*
Valve & Actuator Repair—see *Maintenance & Repair Services*
Valve Grinders (In-Place)—see *Valve-Reseating Equipment*
Valve Operators (Actuators)
 90250050 Air
 90250070 Electric Solenoid
 90250080 Electrohydraulic
 90250090 Explosive-Activated
 90250100 Hydraulic
 90250130 Manual
 90250150 Motor
 90280 **Valve Packing Removal Equipment**
Valve Position Detectors—see *Detectors*
 90320 **Valve-Reseating Equipment, On-line**
 90330 **Valve Stem Gland Packing Systems, Live-Loaded**
Valve Tags—see *Tags*
Valve Testing—see *Maintenance Services; Test Equipment*
Valves, Backwater—see *Valves, Other*
Valves, Ball—see *Valves, Other*
Valves, Butterfly—see *Valves, Other*
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
Valves, Control
 90800050 Flow
 90800060 Flow, Acoustic Emission
 90800080 Intelligent
 90800100 Pressure
 90800150 Temperature
 90800200 Vacuum
Valves, Controlled-Closure—see *Valves, Check; Valves, Other (Line-Blind)*
Valves, Diaphragm—see *Valves, Other*
Valves, Drain—see *Compressed Air Systems*
Valves, Excess-Flow—see *Valves, Other*
Valves, Fail-Safe—see *Valves, Other*
Valves, Feedwater Isolation—see *Valves, Other*
Valves, Filter, In-Line—see *Valves, Other*
Valves, Fire Deluge—see *Valves, Other*
Valves, Flow Monitoring/Alarm System—see *Valves, Other*
Valves, Flush Bottom Tank—see *Valves, Other*
Valves, Gate
 91000010 Bellows Seal
 91000030 Jacketed Alloy
 91000050 Knife
 91000100 Parallel Slide Type
 91000200 Wedge Type
Valves, Globe—see *Valves, Other*
Valves, Globe, Bellows—see *Valves, Other*
Valves, Instrumentation Manifold—see *Valves, Other*
Valves, Isolation Shutoff—see *Valves, Other*
Valves, Line-Blind—see *Valves, Other*
Valves, Main Steam Isolation—see *Valves, Other*
Valves, Miniature—see *Valves, Other*
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
Valves, Needle—see *Valves, Other*
Valves, Packless—see *Valves, Other*
Valves, Plastic-Lined—see *Valves, Other*
Valves, Plug—see *Valves, Other*
Valves, Pressure Seal
 91380030 Breech Lock
 91380050 Gate
 91380070 Globe
 91380080 Piston Check
 91380090 Swing Check
 91380100 Tilting Disk
 91380300 Wafer Check Valves
Valves, Pump Recirculation—see *Valves, Other*
Valves, Quick-Opening & Closing—see *Valves, Other*

- Valves, Ram-Type**—see *Valves, Other*
Valves, Relief, Safety—see *Valves, Other*
Valves, Slurry—see *Valves, Other*
Valves, Solenoid—see *Valves, Other*
Valves, Vacuum—see *Valves, Other*
Variable-Speed Drives—see *Drives*
Vehicles, Armored—see *Security Systems & Devices*
- 91830 **Vehicle Safety Accessories**
Ventilation Equipment—see *Air-Conditioning & Ventilation Equipment*
Ventilation Seals—see *Seals*
- 92150 **Venturis**
Vessels—also see *Respiratory Protection Equipment*
92300100 Flasks, Water, Valve-Operating
92300200 Pressure
92300300 Pressure, Reactor
- Vibration Analysis**—see *Analysis; Maintenance Services; Test Equipment; Testing Services*
Vibration Indicators—see *Indicators; Monitors*
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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- W**
- Walk-Off Mats**—see *Health Physics Equipment & Supplies*
Wall Panels—see *Security Structures; Shielding Materials*
Wall Plugs, Sleeves, Hot-Cell—see *Hot-Cell Wall Plugs, Sleeves; Sleeves, Wall*
Wall Thinning Detection, Tube—see *Testing Services*
Warning Signs, Signals—see *Alarms; 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-Gas Analyzers—see *Analyzers*
Waste Management Consultants—see *Consultants*
Waste Management Services—also see *Analysis; Health Physics Services; Transport 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*
Water Chemistry, Treatment—see *Consultants; Monitors, Other; Training*
Water Filters—see *Filters*
Water Flasks, Valve-Operating—see *Vessels*
Water Hammer Analysis—see *Analysis*
Water, Heavy—see *Heavy Water*
Water Intake Facilities—also see *Maintenance & Repair Services*
- 93220030 Fish Guiding Systems
93220050 Screens, Traveling
93220100 Trash Racks
- Water-Oil Separators**—see *Compressed Air Systems*
93240 **Water Quality Management Services**—also see *Computer Software*
Water Stills—see *Stills*
Water Strainers—see *Strainers*
Water Treatment Equipment & Supplies—also see *Dewatering Systems; Filters; Stills; Strainers*
- 93500050 Chlorination
93500100 Condensate Polishing
93500200 Demineralization
93500300 Deoxygenation
93500400 Portable Systems
93500420 Reverse Osmosis, Mobile
93500450 Sodium Hypochlorite Generators
93500500 Softening/Clarification
93700
- Waterproofing Materials**
Weapons, Weapon Storage—see *Security Enforcement Products; Security Structures*
Wear Detection—see *Computer Software*
Weld End Preparation Equipment, Pipe & Tube—see *Pipe & Tube Machinery*
Weld Monitors—see *Monitors, Other Than Radiation*
Weld Surfacing
- 93750050 Electric Arc
93750100 Helium Arc
93750150 Metal/Inert Gas
93750200 Plasma Spray
93750250 Plasma Transferred Arc
93750300 Submerged Arc
93750350 Tungsten/Inert Gas
- Welding Equipment**—also see *Abrasives; Clothing, Prot.; Pipe & Tube Mach.; Television Sys.*
- 93800030 Antispatter Compound
93800050 Arc
93800070 Arc, Robotic
93800100 Automatic Tube & Pipe
93800110 Backup Rings
93800120 Blankets, Protective Screens, Etc.
93800140 Contraction Rings (for Socket Welds)
93800180 Electrodes, Filler Materials
93800190 Electrodes, Underwater
93800250 Electron Beam
93800260 Friction
93800270 Insert Rings, Consumable
93800300 Laser Beam
93800310 Orbital TIG Narrow-Gap
93800330 Pipe Fit-up Tools
93800350 Plasma
93800400 Power Supplies & Controls
93800450 Programmers
93800460 Remote
93800470 Resistance
93800500 Stud
93800510 Tube-Tubesheet
93800550 Waste Container Lid Welders
93800600 Welding Rings
93800650 Welding Wire
93800700 Welding Wire, High-Purity
- 93900030 Arc
93900050 Automatic Tube & Pipe
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
95300
- Well-Logging Equipment**
Wet-Blasting—see *Cleaning Equipment; Decontamination Chemicals & Equipment*
Wheel Covers—see *Health Physics Equipment*
Whole-Body Counting Services—see *Health Physics Services*
Whole-Body Monitors—see *Equipment Rental; Monitors, Radiation, Personnel*
Wind Monitoring—see *Environmental Monitoring Serv.; Meteorological Equip.*
Window Reducers—see *Solid Waste Reduction Equipment*
Windows, Bullet-Resistant—see *Security Structures*
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
- Wiring Duct**—see *Duct*
Wood Decontamination—see *Waste Management Services*
Work Platforms
- 96200100 Cask Servicing
96200200 Mobile
96200300 Stationary
96300
- Workbenches, Maintenance, Portable Wraps**—see *Health Physics Equipment & Supplies; Shielding Materials*
96450 **Wrenches, High-Torque**
96500 **Wrenches, Hydraulic Ratchet**
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- X**
- 96700 **X-ray Diffraction Apparatus**
X-ray Glass—see *Shielding Materials; Windows, Radiation-Shielding*
X-ray Inspection Systems—see *Security Systems*
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- Z**
- Zirconium**—see *Metals, Other; Tubing*