

EnergySolutions, Inc.
Form 10-K
March 28, 2008

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 10-K

(Mark One)

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2007

or

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934**

For the transition period from _____ to _____
Commission file number 001-33830

EnergySolutions, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

51-0653027

(I.R.S. Employer Identification Number)

**423 West 300 South, Suite 200
Salt Lake City, Utah**

(Address of principal executive offices)

84101

(Zip Code)

Registrant's telephone number, including area code: **(801) 649-2000**

Securities registered pursuant to Section 12(b) of the Act:

Title of Class	Name of Exchange on which registered
Common Stock, \$0.01 par value per share	The New York Stock Exchange
Securities registered pursuant to Section 12(g) of the Act: None	

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

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Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§ 229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company
(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the voting and non-voting common equity held by non-affiliates of the registrant on June 30, 2007 is not applicable because the registrant was not publicly traded as of June 30, 2007. The aggregate market value of the voting and non-voting common equity held by non-affiliates of the registrant, as of March 21, 2008, was approximately \$711.5 million based upon the closing price reported for such date on the New York Stock Exchange. Global Select Market. For purposes of this disclosure, shares of common stock held by persons who hold more than 5% of the outstanding shares of common stock and shares held by executive officers and directors of the registrant have been excluded because such persons may be deemed to be affiliates. This determination of executive officer or affiliate status is not necessarily a conclusive determination for other purposes.

As of March 21, 2008, 88,305,500 shares of registrant's common stock were outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Sections of Registrant's Proxy Statement to be filed with the Securities and Exchange Commission no later than April 30, 2008, namely: "Compensation Discussion and Analysis," "Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters," "Certain Relationships and Related Transactions and Director Independence" and "Principal Accounting Fees and Services," are incorporated in this Form 10-K by reference under Part III.

ENERGYSOLUTIONS, INC.
ANNUAL REPORT ON FORM 10-K
For Fiscal Year Ended December 31, 2007

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GLOSSARY OF DEFINED TERMS

The following defined terms are used throughout this Annual Report on Form 10-K..

AEA	Atomic Energy Act of 1954, as amended
ARO	Asset Retirement Obligation
BDAT	Best Demonstrated Available Technology
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CoCs	(NRC) Certificates of Compliance
D&D	Decontamination and Decommissioning
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
EM	Environmental Management
EPA	U.S. Environmental Protection Agency
ERA	Energy Reorganization Act of 1974
GAO	Government Accounting Office
HSWA	Hazardous and Solid Waste Amendments of 1984
LIBOR	London Interbank Offer Rate
LLRW	Low-Level Radioactive Waste
MLLW	Mixed Low-Level Waste
M&O	Management and Operation
NARM	Naturally Accelerated Radioactive Material
NDA	U.K. Nuclear Decommissioning Authority
NORM	Naturally Occurring Radioactive Material
NRC	Nuclear Regulatory Commission
NWPA	Nuclear Waste Policy Act of 1982
NYSE	New York Stock Exchange
ORNL	Oak Ridge National Laboratory
OSHA	Occupational Safety and Health Administration
PRS	Paducah Remediation Services, LLC
RCRA	Resource Conservation and Recovery Act of 1976
REA	Request for Equitable Adjustment
RFP	Request for Proposal
RSMC	Reactor Sites Management Company
SAFSTOR	Safe Storage (nuclear plant in retirement)
SEC	U.S. Securities and Exchange Commission
SLC	Site License Company
SRS	Savannah River Site
TN DEC	Tennessee Department of Environment and Conservation
TSCA	Toxic Substances Control Act of 1976
WCS	Waste Control Specialists

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This Annual Report on Form 10-K ("Form 10-K") contains forward-looking statements that involve risks and uncertainties. Many of the forward-looking statements are located in "Management's Discussion and Analysis of Financial Condition and Results of Operations." Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Forward-looking statements can also be identified by words such as "anticipates," "believes," "estimates," "expects," "intends," "plans," "predicts," and similar terms. Forward-looking statements are not guarantees of future performance and the Company's actual results may differ significantly from the results discussed in the forward-looking statements. Factors that might cause such differences include, but are not limited to, those discussed in the subsection entitled "Risk Factors" under Part I, Item 1A of this Form 10-K. We undertake no obligation to revise or update any forward-looking statements for any reason, except as required by law.

PART I

Item 1. Business

Overview

We are a leading provider of specialized, technology-based nuclear services to government and commercial customers. Our customers rely on our expertise to address their needs throughout the lifecycle of their nuclear operations. Our broad range of nuclear services includes engineering, operation of nuclear reactors, in-plant support services, spent nuclear fuel management, decontamination and decommissioning (D&D), logistics, transportation, processing and disposal. We also own and operate strategic facilities that complement our services and uniquely position us to provide a single-source solution to our customers.

We derive almost 100% of our revenues from the provision of nuclear services and believe that virtually every company or organization in the United States that holds a nuclear license uses our services or facilities, directly or indirectly. Our government customers include the Department of Energy (DOE), Department of Defense (DOD) and Nuclear Decommissioning Authority (NDA). Our commercial customers include many of the largest owners and operators of nuclear power plants in the United States, such as Constellation Energy Group, Inc., Duke Energy Corporation, Entergy Corporation, Exelon Corporation and Florida Power & Light Company. We have entered into long-term arrangements, which we refer to as "life-of-plant" contracts, with nuclear power and utility companies representing 85 of the 104 operating nuclear reactors in the United States. Under these long-term arrangements, we have agreed to process and dispose of substantially all low-level radioactive waste (LLRW) and mixed low-level waste (MLLW) generated by their nuclear power plants, and ultimately the waste materials generated from the D&D of those plants. Our commercial customers also include hospitals, pharmaceutical companies, research laboratories, universities or research reactors, industrial facilities and other commercial facilities.

We operate strategic facilities for the safe processing and disposal of radioactive materials, including a facility in Clive, Utah, four facilities in Tennessee and two facilities in Barnwell, South Carolina. According to the General Accounting Office (GAO), our facility in Clive, Utah is the largest privately-owned LLRW disposal site in the United States and currently handles over 95% of all commercial LLRW disposal in the United States. We also manage 10 sites in the United Kingdom with 22 reactors for the NDA, of which four are operational producing electricity and 18 are in various stages of decommissioning. We have a comprehensive portfolio of nuclear processing technology and know-how, supported by more than 175 patents that we own or license. As of December 31, 2007, we had more than 5,000 employees, including approximately 1,150 scientists and engineers and over 400 radiation and safety professionals. Approximately 3,000 of our employees are located at the 10 sites we manage in the United Kingdom. We also manage more than 1,000 site employees at various DOE sites. We have received multiple awards for our safety record.

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Historically, we have provided our services through three segments: Federal Services; Commercial Services; and Logistics, Processing and Disposal (LP&D). When a project involves the provision of both specialized on-site nuclear services and processing and disposal services, our Federal Services or Commercial Services segment, depending on the type of customer, will coordinate with our LP&D segment to provide integrated services.

Since 2005, we have expanded and diversified our operations through a series of strategic acquisitions, including the D&D division of Sciencetech, LLC in October 2005, British Nuclear Group of America (BNGA) in February 2006, Duratek, Inc. (Duratek) in June 2006, Safeguard International Solutions, Ltd. (Safeguard) in December 2006, Parallax, Inc. (Parallax) in January 2007, Reactor Sites Management Company (RSMC) in June 2007, NUKEM, Inc. (NUKEM) in July 2007, and Monserco Limited (Monserco) in December 2007. Our acquisition of RSMC significantly expanded our international capabilities. Beginning with the second quarter of 2007, we began reporting results from our operations outside North America in a new International segment. For the year ended December 31, 2007, we derived 49.5% and 4.1% of our revenues and operating income, respectively, from our operations outside North America.

Our Segments

We provide specialized, technology-based nuclear services to government and commercial customers through our Federal Services, Commercial Services, LP&D and International segments.

Federal Services

We derive revenues from U.S. government customers for the management and operating (M&O) or clean-up of DOE facilities that are contaminated by radioactive materials. The services that we provide to our government customers include the on-site characterization, sorting, segregation, transportation, management and disposal of classified and unclassified solid and liquid LLRW, MLLW and other special wastes. We also perform D&D and demolition of facilities, including disposal of radioactive materials. In 2007, we safely managed, stored, processed and disposed over one billion pounds of solid and over 100 million gallons of liquid LLRW and MLLW from the government sites that we service. We also manage high-level radioactive waste inventories at a number of government sites, pending their future off-site disposition. Our work includes the development of technologies, engineering, fabrication and operation of facilities to reduce the hazards posed by high-level radioactive waste pending final disposition in a national geological repository. In addition, we derive revenues from the provision of D&D, processing and disposal services to the DOD, including decontamination of classified military equipment and retrieval or recycling of other classified or specialty parts. In some instances, as a member of a Tier 1 project team, we also manage site operations.

Our government work generally involves providing customized engineering and technology-based expertise at major DOE facilities, such as Richland, Washington, Idaho Falls, Idaho, Los Alamos, New Mexico, Oak Ridge, Tennessee, or Savannah River, South Carolina. Our contract role for government customers is either under Tier 1 or Tier 2 contracts. Under a Tier 1 contract, we typically provide services as an integrated member of a prime contract team. Where we act as part of a Tier 1 team under a prime contract with the DOE, our employees often work alongside and manage employees at the site who work for the DOE and are covered by local benefit packages but are not employees of any of the Tier 1 team members. Under a Tier 2 contract arrangement, we provide services to Tier 1 contractors on a subcontracted basis.

Government customers have in the past and may in the future account for a significant portion of our revenues. Revenues from DOE contractors and subcontractors represented approximately 16.7% in 2007, 47.9% in 2006, and 63.1% in 2005. The decrease in 2007 is primarily the result of significantly increased revenues in the International segment due to the acquisition of RSMC in June 2007.

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Much of our Federal Services work is highly customized to the specific needs of the site. The following are examples of our Federal Services work in recent years:

Fernald Closure Project

The 1,050-acre Fernald site was a former uranium processing facility located 18 miles northwest of Cincinnati, Ohio. In 1989, after 37 years of operations to support the U.S. weapons program, the DOE shut down uranium metal production and began to concentrate on environmental compliance, radioactive and mixed waste management and remediation. Since 1992, Fluor Fernald, Inc. has managed the clean-up of the site.

As an integrated Fluor Fernald team member, we led the waste management and mixed waste projects, providing project management and environmental expertise for site-wide waste retrieval, sorting and segregation, packaging, shipping and transportation for radioactive and hazardous materials disposition. Substantially all the LLRW removed from Fernald was transported to and disposed of at our Clive facility. We also provided management and technical staff who supervised more than 300 dedicated professional and technical employees of the DOE at the site. As an integrated team member, we also played a key role in the off-site disposition of highly radioactive uranium residues stored in two on-site silos at Fernald. Our services included the provision of key personnel to support the operational management, processing design, logistics and transportation systems. The Fernald closure project was substantially completed in October 2006.

Hanford Site Operations

The 586-square mile Hanford site was a former plutonium production complex with nine nuclear reactors and associated processing facilities located along the Columbia River in southeastern Washington State. In 1989, the DOE, the U.S. Environmental Protection Agency, or EPA, and the Washington State Department of Ecology signed the Tri-Party Agreement, which established milestones for the clean-up of the Hanford site. The Hanford clean-up operations are expected to be complete by 2035. Currently, the DOE is shifting a portion of the site from inactive storage to waste characterization, treatment, storage and disposal operations. Massive plants are being designed and built either to vitrify Hanford's waste or to contain it in blocks of concrete grout. About 300 contaminated buildings will be cleaned up, and a radioactive waste packaging program will continue until the Hanford clean-up is complete.

We provide management and technical services as a subcontractor to the prime contractors that oversee the Hanford site. For example, we designed the vitrification system for the high-level waste treatment plant, and we continue to provide engineering, research and testing services to the DOE. We also manage more than 50 subprojects, which include planning, strategy and implementation; budgeting; cost and schedule baseline management; achievement of performance agreements with DOE; management of site-wide waste generator services; and associated health and safety services, including regulatory compliance, industrial and radiological safety and quality assurance.

Clean-up at Hanford is a significant component of the DOE's total environmental management (EM) legacy clean-up program. During 2007 and 2008, the DOE is conducting competitions for three significant management contracts at the Hanford site, and we believe we have the expertise to compete for two of those contracts, Hanford Plateau and Hanford Tanks. We have submitted proposals for these contracts, which are expected to be awarded during the second quarter of 2008. The DOE's fiscal 2007 appropriations requests for the Hanford Plateau and Hanford Tanks contracts are \$513 million and \$275 million, respectively.

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Oak Ridge National Laboratory Operations

Oak Ridge National Laboratory, or ORNL, located in Oak Ridge, Tennessee, is one of the DOE's largest science and energy laboratories. Managed since April 2000 by a partnership of the University of Tennessee and Battelle Memorial Institute in Columbus, Ohio, ORNL was established in 1943 as a part of the Manhattan Project to pioneer a method for producing and separating plutonium. We have provided on-going technical and management support to the ORNL since 1987. Our work at ORNL includes sampling, characterization, abatement, segregation, packaging, transportation, D&D and disposal of hazardous materials. We are also responsible for sorting, segregating and reducing the volume of the LLRW at ORNL. During 2008, the DOE will conduct a competition for a significant management contract at ORNL, and we believe we have the expertise to compete for this contract. The estimated value of this contract, which we expect to last from 2009 to 2012, is approximately \$2.7 billion, according to the DOE.

Savannah River Site Operations

Established in 1950 by the Atomic Energy Commission, the DOE's Savannah River Site, or SRS, is a 310-square mile facility near Aiken, South Carolina. The site was constructed during the early 1950s to produce materials, primarily tritium and plutonium-239, used in the fabrication of nuclear weapons in support of U.S. defense programs. Due to changes in the national security strategy of the United States, many SRS facilities are no longer needed to produce or process nuclear materials. The DOE has identified approximately 300 structures as surplus and requiring clean-up, ranging in size and complexity from large nuclear reactors to scores of small storage buildings.

The Washington Savannah River Company has operated the SRS since 1992. As an integrated Washington Savannah River Company team member, we manage the entire solid waste program at the site, including treatment, storage and disposal of low-level radioactive, transuranic, mixed and hazardous waste materials. We operate facilities at the site that provide transuranic waste storage, characterization and transportation, LLRW treatment and disposal and hazardous/mixed waste storage, treatment and disposal. We are also part of a team that has been contracted by the DOE for the design, construction, commissioning and operation of a new salt waste processing facility at the SRS. The facility will be a pre-treatment plant to remove cesium from DOE's inventory of 38 million gallons of highly radioactive waste stored in 49 tanks at the SRS. During 2008, the DOE will conduct a competition for the Savannah River Site Liquid Waste contract, and we believe we have the expertise to compete for this contract. The DOE's fiscal 2007 appropriations request for the Savannah River Site Liquid Waste contract was \$528 million.

Idaho National Laboratory

Established in the late 1950s, the Idaho National Laboratory comprises approximately 700 square miles and was originally established as the National Reactor Testing Station. More than 60 nuclear reactors were designed, built and tested on the site. Spent nuclear fuel reprocessing missions were subsequently added to the site, whereby the DOE extracted highly enriched uranium from used nuclear fuel for recycling into the weapons program. Idaho was also a disposal site for transuranic waste generated during processing operations at Rocky Flats in Colorado.

We built the Advanced Mixed Waste Treatment Plant at the Idaho National Laboratory to safely treat transuranic-contaminated waste for final disposal at the Waste Isolation Pilot Plant in Carlsbad, New Mexico. In 2009, the contract for continued operation of the Advanced Mixed Waste Treatment Plant will be out for competition, and we believe we have the expertise and the experience to lead this Tier 1 contract. The DOE's fiscal 2007 appropriations request for the Advanced Mixed Waste Treatment Plant is \$194 million.

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Portsmouth Gaseous Diffusion Plant

The Portsmouth Gaseous Diffusion Plant in Piketon, Ohio occupies approximately 640 acres, situated in a 3,714 acre federal site. It is operated by the United States Enrichment Corporation, a subsidiary of USEC Inc. The plant has a long history of enriching uranium for defense and commercial nuclear power needs, beginning in the early 1940s with a U.S. defense initiative to produce fissionable material for the atomic bomb. Portsmouth ended enriching operations in 2001. Piketon is expected to be the site for USEC's next-generation uranium enrichment facility, the American Centrifuge Plant.

Through a joint venture with Los Alamos Technical Associates, we are currently providing environmental management services at the Portsmouth Gaseous Diffusion Plant project, including site characterization, decommissioning, waste processing and environmental restoration.

Atlas Mill Tailings Cleanup

In June 2007, the DOE awarded us a \$98.4 million contract to clean up the Atlas mill tailings that sits alongside the Colorado River near Moab, Utah. The site encompasses approximately 435 acres, of which approximately 130 acres contain uranium mill tailings. The contract runs through September 2011.

Commercial Services

We provide a broad range of on-site services to commercial customers, including commercial power and utility companies that operate nuclear power plants, pharmaceutical companies, research laboratories, universities, industrial facilities and other entities that generate radioactive materials or are involved in the nuclear services industry. Our services include D&D, project planning, site surveys, radioactive material characterization and management, liquid waste processing, spent nuclear fuel services, emergency response and other nuclear services.

Examples of our on-site commercial nuclear services include:

Decontamination and Decommissioning. We have been providing D&D services for over 20 years. We are currently working with commercial power and utility companies to increase the number of outsourced opportunities for our D&D services. The following examples highlight the scope of the D&D services that we have provided to our commercial customers in recent years:

Big Rock Point. From 1996 to 1998, EnergySolutions, BNGA and Duratek were awarded multiple contracts to support the D&D of Consumers Energy's Big Rock Point Nuclear Plant in Charlevoix, Michigan, the longest-running nuclear reactor in the United States. The scope of our work included the engineering, design, licensing and fabrication of spent fuel storage containers and handling equipment, various engineering and consulting tasks supporting spent fuel management and pool-to-pad operations, the removal, transportation, processing and final disposal of large reactor components, structure and system decontamination, building dismantlement and on-site waste management, shipment and processing of LLRW and MLLW.

We successfully developed, licensed and deployed the FuelSolutions cask system for the Big Rock Point project, which is the first system capable of accommodating highly-enriched, high-burnup pressurized water reactor and boiling water reactor fuel assemblies, as well as damaged fuel and fuel debris cans. We also provided the single-source solution for the removal of Big Rock Point's large components, including the reactor vessel. Our services in this regard included the design, licensing, fabrication and implementation of the first fully NRC-compliant Type B package for shipping a reactor in one piece. The major component removal contract also provided for the provision of decontamination and building dismantlement services, including with respect to the turbine building, stack and various

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auxiliary buildings and structures. Furthermore, we provided licensing and project management support for the implementation of a comprehensive on-site and off-site waste management program. We sorted, packaged, transported and disposed of approximately 100 million pounds of waste using our LLRW disposal sites in Barnwell, South Carolina and Clive, Utah.

Connecticut Yankee Atomic Power Company. In July 1999, we began providing comprehensive on-site radioactive waste management and processing services for the D&D of Connecticut Yankee's Haddam Neck Atomic Power Plant in East Hampton, Connecticut, which had been shut down in December 1996. Our activities have included engineering support, logistics and the packaging, transportation and disposal of radioactive and hazardous waste, which included the reactor pressure vessel head, a pressurizer and four steam generators. Decommissioning of the Connecticut Yankee plant was substantially completed in 2006.

Yankee Atomic Electric Company. In February 2001, we undertook a major role in the D&D of the Yankee Rowe nuclear power station in Western Massachusetts, which had been shut down in February 1992. As a primary subcontractor to NAC International, we supported the removal of fuel from the spent fuel pool, which we completed in June 2003. The project was highly technical and required several major capabilities, including the engineering, design and fabrication of processing equipment to sort and remove the fuel; packaging, transportation and disposal of all fuel racks from the spent fuel pool; implementing and managing a health and safety program; and training personnel in fuel cask loading and liquid process systems. Our services also included off-site processing and disposal of radioactive and hazardous waste, as well as the transport and disposal of large contaminated components weighing a total of more than 500 tons. Decommissioning of the Yankee Rowe plant was substantially completed in 2006.

Radioactive Waste Removal Project. In August 2006, we were awarded a contract to provide radioactive waste removal services at a uranium conversion facility. The scope of our work included on-site project management and all activities related to the packaging, transportation and disposition of LLRW and empty contaminated drums. Our project team mobilized in less than four weeks and subsequently containerized, shipped and disposed of over 400,000 cubic feet of LLRW (the equivalent of over 230 trucks) in three months.

License Stewardship Program. Our license stewardship program is a new, innovative approach to provide decommissioning services. Under this program, we acquire title to substantially all of a client's buildings, facilities and equipment of its non-operating nuclear power plant. As the owner of the plant and associated permits, licenses and other assets incidental thereto, we are eligible to acquire a license from the NRC to decommission the plant and the rights to the client's decommissioning trust funds associated with the plant, which are overseen by the NRC. The client retains ownership of the real property and leases the real property to us for the period during which we perform D&D activities. Because of our technology, expertise and assets, this unique structure facilitates the decommissioning of the plant ahead of the schedule that the client would otherwise expect to achieve at a total cost not exceeding the available balance of the decommissioning trust funds (plus investment interest accruing during the decommissioning project). This structure gives us direct access to the decommissioning trust funds, avoiding several expensive and time consuming levels of administrative oversight. In December 2007, we entered into a contract with Exelon Generation Company, LLC to decommission its non-operating nuclear plant near Zion, Illinois, under our license stewardship program. We are currently in the process of seeking NRC approval of the proposed transaction.

Large Components. Our expertise, personnel and equipment enable us to prepare large components for transport via public highway, waterway, rail or combinations thereof to ensure safety and compliance with regulatory requirements. Large components include overweight and oversized nuclear components, such as reactor pressure vessels, steam generators, reactor heads, pressurizers, turbine rotors, reactor coolant pumps and feed water heaters. These components often weigh more than 20,000 pounds and generally require special transportation arrangements, including formal engineering reviews. The transportation, processing and disposal of these large components is often handled through our LP&D segment.

Radioactive Liquids Processing. Our on-site radioactive liquids processing technology-based services incorporate a number of patented technologies, including technically advanced ion exchange and membrane-based systems to reduce liquid waste generation, reduce radioactive discharge, improve water chemistry and enable the recycling of wastewater. Our acquisition of NUKEM in July 2007 enhanced our capabilities for processing radioactive liquids. We believe that we process more contaminated power plant floor drain and equipment drain radioactive wastewater than any other U.S. company more than 70 million gallons per year. We are currently providing on-site services for removing radioactive and chemical contaminants from wastewater at 19 nuclear power plants. We have developed and provide a make-up water system that can achieve nuclear plant water quality standards by reducing organic carbon and removing ionic impurities and dissolved solids. Our membrane-based technologies are capable of producing effluent water that meets stringent chemical criteria. We also provide dewatering of radioactive particulate wastes. The waste generated by our technology is compatible with our disposal containers and with disposal criteria at our Clive facility. We currently provide dewatering services at 26 nuclear power plants.

Spent Fuel Services. We have more than 20 years of experience working with irradiated hardware and materials in spent fuel pools used in boiling water reactors and pressurized water reactors. Our range of fuel pool services includes underwater transfer and container loading, cask transportation, fuel pool vacuuming, pool-to-pool transfers and waste characterization. Our fuel pool personnel are specially trained to handle the planning, on-site processing, packaging, transportation and disposal of various fuel pool components, and we have completed more than 50 fuel pool projects for nearly every nuclear power and utility company in the United States. We also provide full service support of spent fuel storage activities, including cask design and procurement, cask loading and related activities, as well as design and construction oversight for on-site independent spent fuel storage installations.

Emergency Response. We employ more than 200 trained radiation protection specialists who can be deployed rapidly throughout the United States to respond to a variety of radioactive contamination events. We also maintain procedures, equipment and mobile radioactive material licenses that can be used for radiological emergency response events. We have responded to a variety of emergency situations, including spills and radiological events at non-nuclear facilities.

Logistics, Processing and Disposal (LP&D)

We provide a broad range of logistics, processing and disposal services and own and operate strategic facilities for the safe processing and disposal of radioactive materials. Our processing and disposal facilities include our disposal facility in Clive, Utah, which is the largest privately-owned LLRW disposal site in the United States, three processing facilities in Tennessee and separate processing and disposal facilities in Barnwell, South Carolina. We operate the Barnwell disposal facility pursuant to a long-term lease with South Carolina. We also own a facility in Tennessee that we believe is the only commercial facility in the world with the ability to cast, flat-roll and machine casks and other products from depleted uranium. We believe that virtually every company or organization that holds a nuclear license in the United States uses our facilities, directly or indirectly.

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Our transportation and logistics services encompass all aspects of transporting radioactive materials, including obtaining all required local and federal licenses and permits, loading and bracing shipments, conducting vehicle radiation surveys and providing transportation assistance to other companies throughout the United States. Through our Hittman Transportation, Inc., or Hittman, subsidiary, we own and operate a dedicated fleet of tractors, trailers and shipping containers for transporting radioactive materials and contaminated equipment for processing and disposal.

Our fleet of specialized shipping casks are specially engineered containers for the safe transport of radioactive material. We also have expertise in transporting very large, contaminated reactor components from a commercial power plant to a processing or disposal site. These components include reactor pressure vessels, steam generators and other smaller components. Transportation modes include barge, rail and truck transport.

We have the capability to store, treat and dispose of several types of radioactive materials, including the following:

LLRW generated from contaminated soil and debris at clean-up sites, such as ion exchange resins and filter materials used to clean water at nuclear plants, medical waste, activated metals, manufacturing materials and medical and technological research materials;

MLLW, such as radioactive and hazardous materials, including lead-lined glove boxes, lead-shielded plates and radioactivity-contaminated electric arc furnace dust;

NORM (naturally occurring radioactive material), such as waste from radium processes, accelerators and mining;

dry active waste, consisting of resins, filters, evaporator bottoms and hot metal debris;

liquid waste, which is similar to LLRW, but in liquid form; and

11e(2) waste consisting of dirt generated by mining and milling operations.

The LLRW that we dispose of at our Clive facility primarily derives from the clean-up of contaminated sites (including DOE facilities, nuclear power plants, Superfund sites and industrial sites) and from the routine operations of utilities, industrial sites and hospitals. Although we only treat and dispose of Class A LLRW, MLLW and 11e(2) materials at our Clive facility and do not plan to seek authorization to take Class B and C wastes at that site, we are currently able to meet customer demand to dispose of Class B and C waste at the state-owned Barnwell, South Carolina facility that we operate. However, on July 1, 2008, as currently contemplated under South Carolina law, the State of South Carolina will close the Barnwell disposal site to customers outside of the Atlantic Compact States of South Carolina, New Jersey and Connecticut.

Our MLLW treatment facility in Clive uses several treatment technologies to reduce the toxicity of the waste materials prior to their disposal. These technologies include thermal desorption, stabilization, amalgamation, reduction/oxidation, deactivation, chemical fixation, neutralization, debris spray washing, macro-encapsulation and micro-encapsulation.

Many of our LP&D projects complement our services in our Federal and Commercial Services segments. The following are examples of LP&D services that we have performed in recent years:

Life-of-Plant Contracts

Our life-of-plant contracts integrate our LP&D services into a tailored solution for our commercial customers' needs, and we believe that these contracts will represent a significant source of future revenues for our LP&D segment. Life-of-plant contracts provide our customers with LLRW and MLLW processing and disposal services for the remaining lives of their nuclear power plants, as well as D&D waste disposal services when the plants are shut down. We have signed life-of-plant contracts

with commercial customers representing 85 of the 104 operating nuclear reactors in the United States. Some of the customers with whom we have entered into life-of-plant contracts include Dominion Resources, Inc., Duke Energy Corporation, Exelon Corporation, Florida Power & Light Company and Progress Energy.

Rocky Flats Closure Project

The Rocky Flats Environmental Technology Site is a DOE environmental clean-up site located approximately 16 miles northwest of downtown Denver. Historically, Rocky Flats made components for nuclear weapons using various radioactive and hazardous materials, including plutonium, uranium and beryllium. Nearly 40 years of nuclear weapons production left behind a legacy of contaminated facilities, soils and ground water. In 1995, the Rocky Flats site was designated by the EPA as a Superfund clean-up site.

In 1995, the DOE entered into a contract with Kaiser-Hill Company, LLC to manage the clean-up and closure of the Rocky Flats site. Kaiser-Hill was responsible for assigning and integrating tasks among various subcontractors. We were the major subcontractor to Kaiser-Hill for the transportation and disposal of LLRW, MLLW and other contaminated materials at our Clive facility. The clean-up of Rocky Flats was declared complete in October 2005.

Large Components

An important service provided to commercial nuclear power plants is the disposition of overweight and oversized nuclear components, such as reactor pressure vessels, steam generators, reactor heads, pressurizers, turbine rotors, reactor coolant pumps and feed water heaters. As operational nuclear power plants age, their equipment and components are replaced either to provide increased operational capacity or as part of plant maintenance. For example, in 2004 we handled the transportation, processing and disposal of four steam generators from American Electric Power/Indiana Michigan Power's Donald C. Cook nuclear plant located in Southwest Michigan on the shores of Lake Michigan. Our successful completion of this project enabled us to procure a subsequent contract with this customer to package, transport and dispose of two reactor pressure vessel heads from this plant in 2006 and 2007. The preparation of these large components for transportation, processing and disposal is often handled through our Commercial Services segment.

Paducah Project

The Paducah Gaseous Diffusion Plant in Paducah, Kentucky was constructed in the mid-1950s as part of a U.S. government program to produce highly enriched uranium to fuel military reactors and produce nuclear weapons and is currently the only operating uranium enrichment facility in the United States. Owned by the DOE and operated through a lease with the U.S. Enrichment Corporation, today the plant produces low-enriched uranium fuel for commercial nuclear power plants in the United States and around the world. In December 2005, the DOE announced a contract award to Paducah Remediation Services, LLC (PRS), for environmental remediation and waste management activities at the plant. We are the major subcontractor to PRS. Under the DOE contract, PRS's responsibilities include groundwater and soil remedial actions, removing legacy waste, D&D services, operating on-site waste storage facilities and surveillance and maintenance activities. Revenues from these services are recognized in our Federal Services segment. We are also responsible for all on-site waste management and off-site waste disposition activities through contract completion, which is expected to occur in September 2009. We have transported and disposed of LLRW, MLLW and other contaminated materials from the Paducah site at our Clive facility. Revenues from these services are recognized in our LP&D segment.

U.S. Navy Contracts

We are the principal service provider to the U.S. Navy for the disposition of radiological materials under the Naval Nuclear Propulsion Program. Through a series of long-term contracts, we process and dispose of LLRW and MLLW generated by the U.S. Navy's nuclear operations worldwide.

Several of our facilities provide services to the U.S. Navy, including our Clive, Utah, Barnwell, South Carolina and Oak Ridge and Memphis, Tennessee facilities. These services include the specialized processing of classified materials so that it is impossible to identify what the materials were prior to processing. The materials may then be disposed of at our Clive and Barnwell facilities. In addition to processing classified and unclassified liquid and solid radioactive materials, we also provide transportation and logistics services to the U.S. Navy, as well as on-site support at Naval bases around the United States for the removal of radioactive materials. Revenues from these services are recognized in our LP&D segment.

International

As a result of our acquisition of RSMC in June 2007, we began reporting the results of our operations outside North America in a new International segment in the second quarter of 2007. The revenues we receive from the NDA for the operation and management of its 10 Magnox sites currently constitute the predominant portion of our International segment revenue. The NDA intends to divide these sites into two Site License Companies (SLCs) Magnox South and Magnox North although presently they operate as two regions within one SLC, Magnox Electric. Effective April 1, 2007, the NDA has entered into separate contracts with Magnox Electric for each region. Under these contracts, we are responsible for the operation, defuelling and decommissioning of 10 nuclear power sites. Two of these stations currently generate electricity and eight other stations are now in varying stages of decommissioning. It is anticipated that the process of rebidding the consolidated NDA contracts will commence within the next two or three years. During the contract year ended March 31, 2007 the Southern and Northern regions received funding from the NDA of approximately \$526.2 million and \$600.0 million, respectively.

In addition, through our acquisition of Safeguard, we have positioned ourselves as a leading provider in the United Kingdom of turn-key services for the disposal of radioactive materials from non-nuclear power generating facilities such as hospitals, research facilities and other manufacturing and industrial facilities. We also are pursuing other opportunities in Europe, Asia and North America. We are currently in discussions with Sogin SpA, the Italian state-owned utility company, to provide D&D and radioactive materials management services in support of the clean-up of Sogin's nuclear facilities.

Results of our operations for services provided to our customers in Canada and Mexico are included in our Commercial Services or LP&D segments.

Our Processing and Disposal Facilities

Clive Facility

Our Clive facility is located in Tooele County, Utah, approximately 75 miles west of Salt Lake City. The DOE and the State of Utah investigated 29 sites to identify the safest permanent disposal location for radioactive materials before settling on what is now our Clive disposal site. The location had been originally selected and used by the DOE as a disposal site for uranium tailings due to its remote location, low precipitation, naturally poor groundwater quality and relatively impermeable clay soils. Tooele County has designated the area around the facility as a hazardous industrial district, which restricts the future use of land in the area to heavy industrial processes and to industries dealing with hazardous wastes. Our Clive facility is located 35 miles away from the nearest residence.

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The State of Utah authorizes our Clive facility to dispose of Class A LLRW, NORM, 11e(2) materials and MLLW. The facility's location enables it to receive radioactive materials year-round via bulk truck, containerized truck, enclosed truck, bulk rail, rail boxcars and rail intermodals. We are served by the Union Pacific Railroad at our private siding and maintain more than seven miles of track and three locomotives for rail cars to be unloaded, decontaminated and released. This direct rail access and our gondola railcar rollover system provides a cost-effective method of unloading up to 100,000 cubic feet of radioactive materials per day. We maintain a fleet of approximately 300 high capacity gondola railcars under long-term operating leases, as well as custom-designed flat cars and other multi-model containers to facilitate the safe transport of radioactive materials to our Clive facility. We also maintain an all-weather paved asphalt road to the site from Interstate 80 to facilitate truck shipment.

Unlike the two other existing commercial LLRW disposal sites, which are owned by states, we own the site at Clive and also own the buildings and the processing equipment. We have made numerous improvements to the Clive site in the past several years. We purchased a debris shredder, which significantly increases the efficiency of disposal for larger objects at the site. In addition, we made upgrades to the railcar rollover and power system, and we added new decontamination facilities. These changes already have begun to result in significant operating cost efficiencies and enhanced safety.

Disposal Cells

Our Clive facility uses an above-ground, engineered disposal design, also known as a secure landfill. We use a near-surface engineered embankment design for our disposal cells. Using standard heavy construction equipment, radioactive material is placed in 24-inch thick layers and then compacted in a continuous "cut and cover" process that provides for long-term disposal with minimal active maintenance. The system relies on natural, durable materials to ensure performance over time. Each cell has a 24-inch liner system designed to assist in isolating the material from the environment. A cell bottom liner of compacted low-permeability clay covers a foundation of compacted indigenous clay and soils. The cell embankment top slopes are covered with a compacted two-foot to seven-foot thick clay cover, a rock drainage layer, and a two-foot thick rock erosion barrier to ensure long-term protection of the environment. Cover construction begins as areas of the cell are filled to capacity. The process of continual building, filling and capping of cells ensures long-term cell stability and minimizes work that would be required at site closure. In addition to the standard liner and cover used in the LLRW and 11e(2) materials cells, the MLLW cell has a triple-synthetic-liner system with a synthetic cover barrier. The mixed waste liner system includes leachate collection and leak detection systems required for containment of hazardous waste.

Disposal Capacity

We believe that we have sufficient capacity for more than 20 years of operations at our Clive facility based on our estimate of lower future disposal volumes than experienced in recent years, our ability to optimize disposal capacity through reduction and compaction techniques, and our assumption that we will obtain a license amendment to convert a disposal cell originally intended for 11e(2) waste to Class A LLRW. The license amendment would increase our capacity for Class A LLRW disposal by 83 million cubic feet to approximately 154 million cubic feet of available capacity. If we are unable to obtain the license amendment, our projected capacity to dispose of Class A LLRW would be materially reduced. If future disposal volumes increase beyond our expectations or if our other assumptions prove to be incorrect, then the remaining capacity at Clive would be exhausted more quickly than projected. See "Risk Factors We and our customers operate in a politically sensitive environment, and the public perception of nuclear power and radioactive materials can affect our customers and us" and "Risk Factors Our business depends on the continued operation of our Clive, Utah facility."

Tennessee Facilities

We operate facilities at three locations in Tennessee where we process and transfer radioactive materials generally en route to our Clive facility. The facilities are operated in an integrated fashion to maximize the breadth of options available to us and to our customers.

Our Bear Creek facility includes a licensed commercial LLRW processing facility. It primarily receives waste from nuclear utilities, government agencies, industrial facilities, laboratories and hospitals. Our Bear Creek facility also manages classified nuclear waste, which is specially processed to obscure any classified information.

Our Gallaher Road facility in Kingston, Tennessee is located adjacent to Oak Ridge, Tennessee and provides specialty waste processing and transportation logistical services. The Gallaher Road facility also is the base for our Hittman trucking operations and maintains our fleet of tractors, trailers and shipping containers for transporting radioactive materials.

Our Memphis facility's riverside location allows for access by barge as well as truck and rail. The facility is specifically designed to handle large components such as steam generators, turbine rotors, heat exchangers, large tanks and similar components. From Memphis, disassembled components can be shipped to our other facilities for ultimate disposition.

In addition to the three Tennessee processing facilities, we own a facility in Oak Ridge, Tennessee that provides metals manufacturing, processing, casting and rolling, fabrication and other services to our customers and we believe is the only commercial facility in the world with the ability to cast, flat-roll and machine products from depleted uranium. Material processed at this facility can be found in a variety of products, including electronics, medical isotope shipping containers, nuclear accelerators, nuclear fuel storage casks and fighter jets.

South Carolina Facilities

We operate a LLRW disposal facility in Barnwell, South Carolina pursuant to a long-term lease and an operating agreement with the state of South Carolina that expires on April 5, 2075. Barnwell is the only commercial facility in the United States that is permitted to accept all classes of commercially generated LLRW. This facility provides disposal services for large components not suitable for volume reduction and for ion exchange resins and other radioactive materials that are generated by nuclear power plants, hospitals, research laboratories and industrial facilities. The State of South Carolina has indicated that essentially all remaining disposal capacity at Barnwell prior to July 1, 2008 for Classes A, B and C waste has already been sold. On July 1, 2008, as currently contemplated under South Carolina law, the State of South Carolina plans to close our Barnwell disposal site to customers outside the Atlantic Compact States. We will continue to operate the Barnwell site following its closure to customers from those states on a cost-reimbursable basis under our long-term lease.

We also operate a facility adjacent to the Barnwell disposal facility to support the DOD in preparing materials for disposal, including military equipment decontamination and parts retrieval and recycling. The facility also provides specialty processing services.

Engineering and Technologies

Engineering Services

We employ highly trained personnel with technical and engineering experience in critical areas of the nuclear services industry. Our technical capabilities include engineering (chemical, process, mechanical, nuclear, civil and structural), radiological safety, chemistry, environmental, safety and other disciplines that are critical to the provision of technology-based nuclear services.

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We provide on-site engineering services to support the deployment of radioactive, hazardous and mixed waste treatment, transportation and disposal technologies. We design equipment, components and integrated turnkey systems, train customer personnel and perform a broad range of engineering consultation services. We also have significant experience designing and licensing storage and transport cask systems and can provide complete "pool-to-pad" services to customers implementing dry cask storage systems at their facilities. Our engineering staff has successfully developed and licensed numerous storage and transport cask systems, including specialized containers for various Type A, Type B and fissile material contents. Our FuelSolutions cask system technology, for example, provides an integrated means for both storage and transportation of spent nuclear fuel. We have designed packages for transport (via trailer, rail and barge) and storage applications, including spent fuel baskets, wood and polyurethane foam impact limiters, and auxiliary components such as cask tie-downs, lifting gear and personnel barriers.

As part of the BNGA acquisition, we obtained the rights in the United States, Canada and Mexico to the full suite of spent nuclear fuel recycling technology of BNFL, including intellectual property. We also employ many of the employees who designed, constructed, commissioned and operated the existing spent fuel recycling facilities in the United Kingdom.

We believe that our vitrification technology and expertise gives us a competitive advantage. Vitrification is a technique in which waste mixes with glass-forming chemicals to form molten glass that solidifies and immobilizes the embedded waste. It is an established means for the disposal and long-term storage of nuclear and other hazardous wastes that produces a non-leaching, durable material that effectively traps waste and can be stored for relatively long periods without concern for air or groundwater contamination. Our patented system is the baseline technology for the high-level waste and low-active waste vitrification processes at the DOE's Hanford Waste Treatment Plant. We designed, constructed and operated nonradioactive, nonhazardous pilot melters to test design concepts for the full scale units that will vitrify millions of gallons of highly radioactive tank waste at the Hanford site.

Processing and Treatment Technologies

We believe that, in addition to our disposal capabilities, we offer the most diverse capabilities in the United States for handling, treating and processing radioactive materials prior to ultimate disposal. Depending on the nature of a particular radioactive waste stream, we employ the following proprietary waste processing and treatment technologies to optimize the disposal capacity of our facilities:

Compaction. Our UltraCompactor at our Bear Creek facility is available for compacting LLRW with the force of 10 million pounds.

Encapsulation. Encapsulation significantly reduces the leachability of toxic materials. In a process known as macro-encapsulation, we encapsulate elemental toxic metals or hazardous debris in a jacket of inert inorganic material. Micro-encapsulation involves the encapsulation of material arriving in dry powder or ash form in a low density plastic.

Incineration. Incineration offers volume reduction potentially exceeding 200 times and is a cost-effective treatment for many dry radioactive materials. At our Bear Creek facility, we own and operate one of only two licensed commercial incinerators in North America for radioactive materials.

Metal Melting and Decontamination. Our metals processing program at our Bear Creek facility employs decontamination, melting and survey technologies to dispose of radioactively contaminated metals. After decontamination, we survey the metal to verify its radioactivity and determine its handling requirements. If we cannot decontaminate the metal, we may utilize our

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metal melting technology. Our melting technology and capabilities are used to obscure classified DOD components prior to disposal.

Solidification. Our cement-based solidification processes use high-volume proprietary cement formulations to stabilize liquid and aqueous LLRW materials in a variety of container sizes.

Steam Reforming. Steam reforming destroys liquid or solid waste organics through high-temperature reaction with superheated steam, leaving behind a dry, non-hazardous, mineral-like solid residue. We use steam reforming to process tough organic materials that exhibit high radioactivity levels, as well as medical, municipal, agricultural and industrial materials.

Thermal Desorption. Our Clive facility uses Vacuum-Assisted Thermal Desorption, or VTD, a separation technology that separates organic materials with differing boiling points. Thermal desorption offers an alternative to full-scale incineration and allows for significant reduction in material volume.

Research and Development

We conduct research and development that is critical to the development of technologies used in the nuclear services industry, especially those used as part of our services to manage radioactive waste from DOE facilities. Our research and development efforts are funded either directly or through partnership with government, commercial or academic entities. We contract or subcontract with the Vitreous State Laboratory of the Catholic University of America, located in Washington, DC, to provide research and development services for us under fixed-price and cost-reimbursable contracts. Typically, these contracts are funded by our customers and involve the stabilization or vitrification of radioactive materials. We have an agreement with some of the Catholic University professors to exclusively license a number of patents related to vitrification and ion exchange technologies, which they own.

We also have relationships with the University of Nevada, Las Vegas and the University of Washington to provide technology-based research capabilities in support of some of the projects and technical initiatives that we are working on.

The majority of our research and development costs are funded by our customers. Our non-reimbursed research and development expenses included in our results of operations are immaterial.

Patents and Other Intellectual Property Rights

We own or license approximately 60 patents for use in North America. We also have the right to use in the United States, Canada and Mexico approximately 115 patents from BNFL that came with the acquisition of BNGA. These licenses cover the fields of radioactive material management, storage, treatment, separation, spent nuclear fuel recycling and transport. Our patent portfolio also includes areas such as biotechnology, lasers, containers and D&D. We also own non-patent intellectual property that essentially consists of research, design, safety, construction, operations and know-how. Our patents expire between 2008 and 2027. We do not believe that our business, results of operations or financial condition will be adversely affected by any of the patent expirations over the next several years.

Contracts

Our work is performed under cost-reimbursable contracts, unit-rate contracts and fixed-price contracts, each of which may be modified by incentive and penalty provisions.

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Each of our contracts may contain components of more than one of the contract types discussed below. During the term of a project, the contract or components of the contract may be renegotiated to a different contract type. Most of our government work in our Federal Services and International segments is typically performed on a cost-reimbursable basis awarded through a competitive bidding process. We believe this type of contract reduces our exposure to unanticipated and unrecoverable cost overruns. Fixed-price contracts, on the other hand, are generally obtained by direct negotiation rather than by competitive bid. Our commercial D&D projects are generally fixed-price contracts. Almost all of the contracts entered into by our LP&D segment are unit-rate contracts.

The following table sets forth the percentages of revenues represented by these types of contracts during the year ended December 31, 2007:

	<u>% of revenues</u>
Cost-reimbursable	65%
Unit-rate	26%
Fixed-price	9%

Cost-Reimbursable Contracts

Most of the government contracts in our Federal Services and International segments are cost-reimbursable contracts. Under a cost-reimbursable contract, we are reimbursed for allowable or otherwise defined costs incurred plus an amount of profit. The profit element may be in the form of a simple mark-up applied to the labor costs incurred or it may be in the form of a fee, or a combination of a mark-up and a fee. The fee element can also take several forms. The fee may be a fixed amount as specified in the contract; it may be an amount based on the percentage of the estimated costs; or it may be an incentive fee based on targets, milestones, cost savings or other performance factors defined in the contract.

Our government contracts are typically awarded through competitive bidding or negotiations and may have involved several bidders or offerors. Many of these contracts are multi-year Indefinite Delivery Order agreements. These programs provide estimates of a maximum amount the agency expects to spend. Our program management and technical staffs work closely with the customer to define the scope and amount of work required. Although these contracts do not initially provide us with any specific amount of work, as projects are defined, the work may be awarded to us without further competitive bidding. Government contracts also typically have annual funding limitations and are limited by public sector budgeting constraints. Government contracts may be terminated at the discretion of the government agency with payment of compensation only for work performed and commitments made at the time of termination. In the event of termination, we generally receive some allowance for profit on the work performed.

Our government contracts generally are subject to oversight audits by government representatives, to profit and cost controls and limitations and to provisions permitting modification or termination, in whole or in part, at the government's convenience. Government contracts are subject to specific procurement regulations and a variety of socioeconomic and other requirements. Failure to comply with such regulations and requirements could lead to suspension or debarment, for cause, from future government contracting or subcontracting for a period of time. Among the causes for debarment are violations of various statutes, including those related to employment practices, the protection of the environment, the accuracy of records and the recording of costs.

Unit-Rate Contracts

Almost all of the contracts entered into by our LP&D segment, including our life-of-plant contracts, are unit-rate contracts. Under a unit-rate contract, we are paid a specified amount for every

unit of work performed. A unit-rate contract is essentially a fixed-price contract with the only variable being units of work performed. Variations in unit-rate contracts include the same type of variations as fixed-price contracts. We are normally awarded these contracts on the basis of a total price that is the sum of the product of the specified units and unit prices.

Our life-of-plant contracts provide our customers with LLRW and MLLW processing and disposal services for the remaining lives of their nuclear power plants, as well as D&D waste disposal services when the plants are shut down. As a result, the contracts expedite individual project contract negotiations with customers through means other than the formal bidding process. Life-of-plant contracts typically contain a standardized set of purchasing terms and pre-negotiated pricing provisions and often provide for periodic price adjustments.

Fixed-Price Contracts

Under a fixed-price contract, the price is not subject to any adjustment by reason of our cost experience or our performance under the contract. As a result, we benefit from costs savings while generally being unable to recover any cost overruns on these contracts. However, these contract prices may be adjusted for changes in scope of work, new or changing laws and regulations and other negotiated events.

Sales and Marketing Strategy

We conduct our marketing efforts principally through sales forces dedicated to servicing existing or pursuing new opportunities in each of our segments.

The current target market for our Federal Services segment involves site M&O and clean-up of radioactive materials in two target segments. The first is for Tier 1 contracts. These are large prime contracts for the M&O of federal facilities. The second segment is Tier 2 contracts, which are project-driven contracts. For these, we generally act as a subcontractor to an M&O-type contractor. Each of these opportunities requires a unique business development and sales approach. We have entered into and will continue to enter into joint venture or teaming arrangements with competitors with respect to bidding on large, complex government contracts.

Federal customers generally procure nuclear services through highly structured processes. Tier 1 opportunities involve contracts for the operation of a federal site, which is typically a DOE site. We generally pursue these contracts as a member of a consortium. The sales cycle for these contracts begins at least one year and generally two years before the release of a RFP. Tier 2 opportunities are discrete project-based opportunities to act as a subcontractor to Tier 1 contractors. The sales cycle for Tier 2 opportunities can be six months or less.

We generally pursue procurements that are decided on a "best-value" basis, in which the decision-makers consider a combination of technical and cost factors, as well as project management experience. Factors include the technical approach to managing and performing the project, key project personnel, experience performing similar projects and past performance, which includes customer references. Cost factors are generally weighed to include cost structure as it would be applied in a specific project.

In our Commercial Services segment, our sales team actively markets our integrated services and technical expertise to nuclear power and utility customers. For example, our commercial sales team was instrumental in developing and marketing the concept of life-of-plant contracts with commercial power and utility customers and has also been involved in developing our license stewardship initiative to serve the shut-down nuclear reactor D&D market.

In our LP&D segment, we maintain dedicated sales forces at our Clive and Barnwell facilities to market to and serve customers that require logistics, transportation and disposal of radioactive materials. Our LP&D sales team members' duties include visiting customer sites, assisting customers in

completing all required paperwork and obtaining necessary licenses and permits for the transportation of radioactive materials to one of our facilities and managing the transportation process.

Our sales efforts in the International segment mirror our sales efforts in the United States. Our business development and technical teams approach bidding opportunities in the United Kingdom in a similar manner as for bids for opportunities in the United States. In addition, our international business development team works closely with key nuclear power operators to pursue commercial opportunities.

Safety

We devote significant resources to ensuring the safety of the public, our employees and the environment. In the United States, we have built a safety record that is critical to our reputation throughout our markets, particularly DOE contractor services. Our domestic safety incident record is substantially better than standards for other similar businesses according to the North American Industrial Classification System with total Occupational Safety and Health Administration, or OSHA, recordable and lost time incidence rates of 2.38 and 0.35, respectively, versus industry averages of 6.9 and 2.5, respectively. None of our safety incidents has involved radioactive contamination. We have received numerous safety achievement awards in recognition of our industry-leading safety record.

We also have traditionally met or exceeded the occupational and public radiation safety requirements for the U.S. nuclear services industry. The average employee radiation dose at our Clive site is approximately 38 millirem annually, which is 0.8% of the Federal government's allowable annual guideline of 5,000 millirem.

In 2007, we passed approximately 500 person-days of regulatory inspections by state regulators, the NRC, the DOE and the Nuclear Procurement Issues Committee. We submit routine reports to the applicable state and federal regulatory agencies demonstrating compliance with rules and regulations set forth in our licenses and permits.

We also have established an extensive safety education program for our employees. Before employees are permitted to work in restricted areas, they are required to complete a four-day training course on radiation theory, proper procedures and radiation safety. Each employee is required to participate in semi-annual refresher courses, and our employees completed over 15,000 cumulative hours of safety training in 2007. In addition to extensive training, we employ more than 120 safety professionals and technicians who are responsible for protecting workers, the public and the environment. We also employ a round-the-clock security staff to prevent unauthorized access to our sites.

In addition, in the United Kingdom, every Magnox site is accredited under the ISO 14001 system, which is an internationally accepted specification for environmental management systems, as well as Occupational Health and Safety Management Systems 18001, which establishes standards for occupational health and safety. RSMC has also won numerous awards for health and safety.

Insurance

Like all companies in the nuclear industry, we derive a significant benefit from the provisions of the Price-Anderson Act, as amended. The Price-Anderson Act was enacted in 1957 to indemnify the nuclear industry against liability claims arising from nuclear incidents, while still ensuring compensation coverage for the general public. The Price-Anderson Act, as amended, establishes a no-fault insurance-type system for commercial reactors that indemnifies virtually any industry participant against third party liability resulting from a nuclear incident or evacuation at a commercial reactor site or involving shipments to or from a commercial reactor site. Through primary layer insurance and a secondary layer insurance pool collectively funded by the nuclear industry, each reactor has coverage for approximately \$10.8 billion in claims that covers activities at the reactor site and the transportation

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of radioactive materials to or from the site. Price-Anderson limits liability for an incident to \$10.8 billion, unless the Federal government decides to provide additional funding. Activities conducted under a contract with the DOE are covered by a \$10 billion indemnity issued by the DOE. For activities at our facilities that are not covered by the Price-Anderson Act, we maintain nuclear liability insurance coverage issued by American Nuclear Insurers, as follows:

Facility	Limit
General (All) Supplier's and Transporter's	\$ 100 million
Barnwell, South Carolina facility	\$ 100 million
Oak Ridge, Tennessee Bear Creek facility	\$ 50 million
Kingston, Tennessee Gallaher Road facility	\$ 5 million
Oak Ridge, Tennessee facility	\$ 5 million
Memphis, Tennessee facility	\$ 10 million

