

## EXHIBIT D

### INFORMATION CONCERNING OTHER SUPPLIERS AND CONTRACTORS

**Combined Application of South Carolina Electric & Gas Company for a  
Certificate of Environmental Compatibility and Public Convenience and  
Necessity and for a Base Load Review Order  
Public Service Commission Docket No. 2008-196-E**

#### 1. INTRODUCTION

This **Exhibit D** provides information concerning the supplier for major components of the proposed V. C. Summer Nuclear Station (VCSNS) Units 2 & 3 and the basis for selection of suppliers and quality control by the principal nuclear systems contractor, Westinghouse Electric Company, LLC (Westinghouse). Under the terms of the Engineering, Procurement and Construction Agreement (EPC Contract) for Units 2 & 3, certain suppliers of major components have been selected for the project, and other suppliers of major components will be selected from pre-approved lists. All suppliers will be screened and required to comply with Westinghouse's quality assurance program, as described below.

#### 2. QUALITY ASSURANCE PROGRAM

**Overview** – Westinghouse uses a comprehensive evaluation methodology to select vendors to supply components for the AP1000 Advanced Passive Safety Power Plant (AP1000). Important factors influencing a decision to source a supplier for a component include: the supplier being listed on the Westinghouse qualified suppliers list, the supplier having a standing relationship with Westinghouse for the supply of the specific type of component, and the supplier having a proven track record of successfully supplying quality components to the nuclear industry. Once it has been determined that a vendor satisfies these criteria, Westinghouse conducts an onsite audit to perform an in-person assessment of the potential supplier's facilities, capabilities, and programs. The qualification process is further described below.

**The Westinghouse Quality Management System** – The Westinghouse Quality Management System (QMS) requires that suppliers of safety-related items and services be evaluated and approved by Westinghouse Quality prior to the supplier's designation as a qualified supplier, or placement of a purchase order to the supplier. Active qualified suppliers of safety-related items, including suppliers accredited under national industry codes such as ASME, are evaluated annually and audited, except under special circumstances, every three years. Westinghouse Quality determines the need to conduct supplier audits based on an evaluation that is conducted in accordance with ASME NQA-1. Documentation of the acceptability of suppliers is maintained and identifies the items and/or services to be supplied.

Suppliers are evaluated and selected considering the historical quality performance data and audit/survey reports to the extent applicable to the item or service being procured. Westinghouse has developed the procedures for the evaluation and selection of suppliers as well

as monitoring of supplier performance in accordance with quality requirements including the following:

- Westinghouse procedures specify the requirements for the Supplier's quality assurance program which must be established and implemented for the supply of the designated items and services. These documents specify the administrative requirements applicable to Westinghouse witness/hold points.
- Westinghouse procedures detail the requirements for the Supplier's quality system used in design, testing and manufacture of nuclear safety-related equipment, system and components. The requirements are derived from the basic and supplemental requirements of ASME NQA-1, Part 1, 1994 Edition. This procedure implements the requirements of PQR-1 for safety-related items.
- The Westinghouse procedure for Supplier Qualification and Evaluation establishes the requirements for evaluation and qualification of Suppliers and for conducting a quality program audit. Results of evaluations and audits performed under this procedure are documented in a Supplier Audit/Evaluation Survey (SAES) form. Suppliers that have been determined to be qualified, in accordance with Westinghouse procedures are placed on the Qualified Suppliers List for the item or service evaluated. Qualified Suppliers are to be audited or surveyed on a triennial basis, or more frequent if circumstances dictate.

For evaluation of Suppliers, Westinghouse may directly perform audits or, as member of the Nuclear Industry Assessment Committee (NIAC), evaluate audits performed by the NAIC's shared audit program. NIAC was formed in 1994 as an industry initiative to share the results of supplier audits. The NAIC Shared Audit Program is based on a standardized approach for the performance of supplier assessments, utilizing a standard assessment checklist approved by all member of the NIAC. The assessment checklist delineates those criteria of 10CFR50 Appendix B, ANSI N45.2, ASME NQA-1, ASME NCA-4000 and/or NCA-3800, which are applicable to nuclear suppliers for the item or service being supplied by the supplier. For suppliers that are ASME certificate holders, they may be placed on the Westinghouse Qualified Suppliers List based on their certificates and are then subsequently audited during the fabrication process.

### **3. DESIGNATED SUPPLIERS AND POTENTIAL SUPPLIERS**

Table 1 contains a list of potential Westinghouse major component suppliers for the AP1000 units to be built as VCSNS. The table shows the suppliers that have been qualified by the above Westinghouse criteria, suppliers that will partake in the China AP1000 projects, suppliers that currently supply to operating US nuclear plants, and which suppliers have been visited by Westinghouse. The pages after Table 1 give brief descriptions of each major component vendor.

Reactor Vessel Head	Doosan Heavy Industries & Construction Company	X	X	X	X
Reactor Coolant Pumps	Curtiss-Wright/ Electro-Mechanical Corporation	X	X	X	X
Reactor Internals	Doosan Heavy Industries & Construction Company	X	X	X	X
	Major Tool & Machine, Inc				X
	Precision Custom Components	X	X		X
	Westinghouse Electric, LLC	X		X	X
Turbine Generator	Toshiba Corporation	X		X	
Transformers	Westinghouse Electric Supply Co.	X		X	X
Control Rod Drive Mechanism System	Curtiss-Wright/ Electro-Mechanical Corporation	X			X
	Curtiss-Wright/ Electro-Mechanical Corporation	X			X
Balance of Plant Pumps	Flowserve Corporation	X			X
	The Weir Group PLC	X			X
	KSB	X			X
	Ansaldo Camozzi	X			X
	Chicago Bridge & Iron Company Joseph Oat	X			X
Containment Air Baffle	Ansaldo Camozzi	X			X
	IHI Corporation	X			X
Tanks	Ansaldo Camozzi	X			X
	IHI Corporation	X			X

Component Name	Vendor / Alternate Vendors	W Qualified Supplier	Supplier to China AP1000 Project	Supplier to Nuclear Fleet	Vendor Shop Visit by W SCM
Pressurizer	Ansaldo Camozzi	X		X	X
Reactor Coolant Piping	Tioga Pipe Supply Company	X		X	X
Containment Vessel	Ansaldo Camozzi	X		X	X
	Chicago Bridge & Iron Company Northrop Grumman Newport News	X			
Diesel Generators	Caterpillar Inc.			X	
Variable Frequency Drive Unit for Reactor Coolant Pumps	Siemens Corporation	X	X	X	X
Cooling Towers	SPX Cooling Technologies, Inc. (Marley)			X	
	Zurn Company (Wilkins)			X	

## **Ansaldo Camozzi**

The Camozzi Group is actively involved in the Energy sector through Ansaldo Camozzi Energy Special Components; the company has a long tradition in the nuclear special components market, having manufactured large-sized, high-complexity components that have met the highest quality standards and are in operation in various nuclear plants world-wide for many years.

The Energy Division develops its activity at the premises in Milan, Italy with more than 200 people and on a covered area of 16,000 sqm. Ansaldo Camozzi Nuclear & Energy Special Components is an ASME N stamp holder since 1973. It was the first company outside the USA to obtain the N and NPT ASME stamp. In 1977, Ansaldo Camozzi Nuclear & Energy Special Components was listed in NRC White Book. During 1994 the Certification of the Quality System according to ISO 9001 was obtained.

On December 21, 2007 – Ansaldo Camozzi Energy Special Components S.p.A. (Camozi Group), and Mangiarotti S.p.A. announced the signature of a co-operation agreement aimed at strengthening the ability to take on the nuclear market demands, by guaranteeing the availability of a coastal plant for the optimization of the transportation and logistics of large-size components.

The synergy between Ansaldo Camozzi Nuclear & Energy Special Components S.p.A. and Mangiarotti S.p.A. is expected to lead to the employment of a total of 400 highly specialized technicians and to a production area of over 50,000 sqm, equipped with the best production equipment for the reference markets.

Quality programs and certifications (e.g. ASME N and NPT stamps) from Ansaldo Camozzi will apply to the new entity which will be known as "Mangiarotti Nuclear S.p.A."

This acquisition will require Westinghouse Quality review and approval prior to contract/fabrication implementation.

## **Caterpillar Inc.**

Caterpillar, Inc. manufactures and sells construction and mining equipment, diesel and natural gas engines, and industrial gas turbines worldwide. Its machinery business includes the design, manufacture, marketing, and sale of construction, mining, and forestry machinery. The company also engages in the design, manufacture, remanufacture, maintenance, and services of rail-related products. The company's engines business comprises the design, manufacture, marketing, and sale of engines for its machinery; electric power generation systems; on-highway vehicles and locomotives; and marine, petroleum, construction, industrial, agricultural, and other applications, as well as related parts. The company was founded in 1925 under the name Caterpillar Tractor Co. and changed its name to Caterpillar, Inc. in 1986. Caterpillar, Inc. is headquartered in Peoria, Illinois. 2007 revenues at Caterpillar Inc. totaled \$42.0 billion.

## **Chicago Bridge & Iron Company**

Chicago Bridge & Iron is a global specialty engineering and construction company of approximately 17,000 employees that design, construct, and maintain liquefied natural gas storage tanks; petrochemical and gas processing plants; steel pressure vessels for high-temperature and nuclear containment applications; and heat transfer equipment. CB&I has built approximately 75% of the nuclear containment vessels that exist in the United States today. The company also serves other large corporations in the hydrocarbon, energy, power generation, and petrochemical industries. Although it does about one-third of its business in Europe, Middle East, and Africa, almost half of CB&I's revenues are made in North America. CB&I U.S. Operations are headquartered in the Woodlands, TX, with offices in several geographically convenient locations in the U.S.

## **Curtiss-Wright Electro-Mechanical Corporation**

Curtiss-Wright Electro-Mechanical Corporation (CW-EMD) is a leader in the supply of critical function, electro-mechanical products. It is headquartered in Cheswick, PA. Innovative system and product solutions are based in the legacy of over 100 years of Westinghouse technology. More than 50 years ago, CW-EMD built critical function pumps for the first nuclear powered submarine, the USS Nautilus. Today, CW-EMD continues to develop, design and supply advanced electro-mechanical solutions for the US Navy, including the Navy's most advanced motors, generators and secondary propulsors. Within the nuclear utility industry, CW-EMD supplies reactor coolant pumps, seals, motors and control rod drive mechanisms.

## **Doosan Heavy Industries & Construction Company**

The Doosan Group, with a history spanning over 112 years, is the oldest and one of the largest conglomerates in Korea. Doosan currently has 21 subsidiary companies in Korea and 112 overseas branch corporations in 33 countries. With a total of over 35,000 employees (20,000 in Korea and 15,000 overseas), in addition to a worldwide network of over 3,700 dealers, Doosan continues to implement a truly diversified global management strategy.

Doosan's annual financial performance has improved from US \$2.3 billion in 2000 to US \$19.8 billion in 2007 for an annual average growth rate of 34%. In addition, Doosan posted a 25% annual growth in operating profits, rising from US \$191.5 million in 2000 to US \$1.75 billion in 2007. Today, the Doosan Group has become one of the top ten enterprises in Korea.

## **ENSA-Equipos Nucleares, S.A.**

ENSA specializes in manufacturing high quality heavy components for nuclear plants and industrial facilities that require high standards of quality. The main product line is that of heavy components of the Nuclear Steam Supply System of nuclear reactors. Other lines include smaller items for nuclear reactors, components for storage and transport of spent fuel assemblies and the design, supply and installation of equipment for radioactive waste treatment. ENSA is located in Maliaño (Cantabria), on the northern

coast of Spain. The plant started operations at the end of 1976. ENSA is accredited as an ASME Section III qualified supplier and holder of an N-stamp. They are also certified to meet the requirements of ISO 9001.

### **Flowserve**

Flowserve Corporation develops, manufactures, and sells precision-engineered flow control equipment, as well as provides a range of aftermarket equipment services. It operates in three divisions: Flowserve Pump, Flow Control, and Flow Solutions. The Flowserve Pump division offers engineered and industrial pumps and pump systems; submersible motors; replacement parts; and related equipment primarily to industrial markets. The Flow Control division designs, manufactures, and distributes industrial valve products. The Flow Solutions division offers mechanical seals, sealing systems, and parts principally to process industries. Flowserve Corporation operates in North America, Europe, Middle East, Africa, Asia Pacific, and Latin America. The company was founded in 1912 and is headquartered in Irving, Texas. Flowserve has more than 14,000 employees in more than 56 countries, and its revenues were \$3.8B in 2007.

### **IHI Corporation**

IHI provides the primary equipment for hydroelectric, thermal and nuclear power systems. IHI is one of the three major Japanese manufacturers of boilers, which are a core element in thermal power plants. In addition to supplying boilers to many domestic Japanese power companies, IHI has been supplying power generation boilers to Australia, Southeast Asia, China, the Middle East and North America, including ten 660,000 kW boilers to Australia. IHI has manufactured and constructed ultra-large scale boilers of over 1 million kW capacities for power generation. In nuclear power generation, IHI supplies main components such as reactor pressure vessels, primary containment vessels and piping systems. IHI employees 6,864 people and had net sales of \$11.7 billion in 2007. IHI is headquartered in Tokyo, Japan and has a small ownership interest in Westinghouse Electric Company, LLC.

### **Joseph Oat**

Joseph Oat Corporation is located on the Delaware River in Camden, New Jersey, directly across the river from Philadelphia, Pennsylvania. It is a privately owned company with approximately 117 employees. Joseph Oat Corporation's plant consists of 140,000 sq. ft. of manufacturing space which allows them to fabricate vessels up to 20 ft. (6.1 M) in diameter, weighing up to 400,000 lbs. (182,000 kg.) and having an overall length of up to 200 ft. (60.8M) in one piece

Joseph Oat Corporation produces heat exchangers, pressure vessels, and specialty products for general industrial applications and for the power industry as well as nuclear and fossil fueled power, geothermal, cogeneration and other power applications. The company fabricates products from virtually all metals used in construction, including carbon and low alloy steels, austenitic and ferritic grades of stainless steel, duplex steels, nickel alloys, copper and copper alloys, titanium and titanium alloys, zirconium, and

tantalum. The company also fabricates stainless clad, nickel alloy clad, and titanium and zirconium clad materials.

Joseph Oat holds the following Certificates of Authorization from ASME: N (N-1488), NA (N-1577), NPT (N-1489), NS (N-3014), R, U (Cert. # 184) U2 (Cert. # 27842), and S (Cert. # 25723). Most equipment the company produces is designed and fabricated in accordance with ASME Code standards, including ASME Section I, Section III (Class 1, 2, and 3), and Section VIII Div 1 and 2. They are ISO Certified 9001: 2000.

The Joseph Oat Corporation has previous Westinghouse experience of more than \$20 million in sales.

### **KSB**

The KSB Group is one of the leading producers of pumps, valves and related systems. KSB has 14,000 employees around the world in building services, industry and water utilities, the energy sector and mining. KSB is increasingly a service partner and provides complete hydraulic systems for water supply and drainage. KSB has more than 30 manufacturing sites in 19 countries.

KSB supplies a full range of pumps, valves, motors, actuators and systems for building or upgrading power stations and district heating systems. These devices help manage boiler feed water, condensate, cooling water and coolant systems. The KSB Group operates in over 100 countries, with sales companies, offices, agencies and 32 manufacturing sites. KSB complies with rules of the American Society of Mechanical Engineers (ASME) and other international certification bodies. In 2007, KSB had \$2.5 billion in sales revenue. KSB is headquartered in Frankenthal, Germany.

### **Major Tool & Machine, Inc.**

Major Tool & Machine, Inc is engineering, fabrication, and machining services company, with over 60 years of experience, serving the aerospace, defense, launch vehicle, power generation and transportation markets. Major Tool & Machine's main facility is located in Indianapolis, Indiana. Major Tools & Machine holds the following Certificates of Authorization from ASME: N, NA, NPT and NS Stamps.

### **Northrop Grumman Newport News**

For more than a century, Northrop Grumman Newport News has designed, built, overhauled and repaired a wide variety of ships for the U.S. Navy and commercial customers. Today, Newport News is the nation's sole designer, builder and refueler of nuclear-powered aircraft carriers and one of only two companies capable of designing and building nuclear-powered submarines. The company also provides after-market services for a wide array of naval and commercial vessels, and in November 2001, became a sector of Northrop Grumman Corporation.

With facilities located on more than 550 acres along two miles of waterfront in Newport News, Virginia, the Newport News sector employs more than 21,000 people, many of whom are third and fourth generation shipbuilders.

## **Precision Custom Components**

Precision Custom Components is a manufacturer of custom fabricated pressure vessels, reactors, casks, and heavy walled components requiring highly specialized machining, welding, and/or fabrication. PCC maintains full in-house capabilities, providing services for Engineering, Drafting, Inspection, Non-Destructive Testing, Metallurgical Testing, and Welding Development. PCC's flexible 250,000 square feet manufacturing facility has 280 employees is located on 11 acres in York, Pennsylvania. The company has sales revenue between \$25 million and \$49.9 million yearly. Precision Custom Components quality system programs meets or exceeds ASME Section III, Division 1 & 3, ASME Section VIII, Division 1, 2, & 3, ASME Section III Ferrous & New Ferrous Material Organization, 10CFR50 Appendix B, 10CFR71 Subpart H, 10CFR72, subpart G, 10CFR21, and ISO 9001 requirements. In addition, they hold ASME N, NS, NPT, U, U2, U3, and R stamps.

## **Siemens Corporation**

Siemens Energy and Automation, founded in 1847, provides complete electrical, engineering and automation solutions through a commitment to innovative engineering that goes back more than 161 years.

Siemens AG is headquartered in Munich, Germany and employs more than 413,000 professionals at Siemens-affiliated companies worldwide. Siemens 2007 revenues totaled \$118.59 billion. Siemens AG operates as electronics and electrical engineering Company worldwide with operations in IT solutions, automation, drives, industrial solutions and services, building technology, power generation, power transmission and distribution, transportation systems, medical solutions, lighting and financial services.

## **SPX Cooling Technologies, Inc.**

SPX is the leading full-line, full-service cooling tower and air-cooled condenser manufacturer. The companies that formed SPX Cooling Technologies were founded more than 100 years ago and have more than 250 global patents in the power generation, industrial, refrigeration, and HVAC markets. SPX's corporate headquarters is located in Overland Park, Kansas.

With more than 150 offices, subsidiaries, and partners worldwide, they have the global reach and local services necessary to deliver solutions. SPX Cooling Technologies is a unit of SPX Corporation, a global provider of technical products and systems, industrial products, flow technology, cooling technologies and service solutions.

## **The Weir Group PLC**

The Weir Group PLC, together with its subsidiaries, provides specialized mechanical engineering solutions worldwide. It operates in three segments: Engineering Products; Engineering Services; and Defense, Nuclear, and Gas. The Engineering Products segment includes its minerals, clear liquid, and valves and controls operations. Its minerals

operations include the design and manufacture of pumps, valves, hydro-cyclones, and wear resistant linings for the mining and mineral processing, power sector, and general industries. The clear liquid operations involve the design, manufacture, and service of engineered pumps and fluid handling systems for oil and gas, power generation, water and waste water, hydrocarbon processing, and general industrial projects. The valves and controls operations include the development, manufacture, and supply of valves and controls for the power generation, oil and gas, and general industrial markets. The company was founded in 1871 and is headquartered in Glasgow, United Kingdom. Weir employs approximately 8,000 people worldwide. The Weir Group PLC grew revenues were \$2.1B in 2007.

### **Tioga Pipe Supply Company**

For over 60 years Tioga has been a top quality material solutions supplier of industrial pipe, fittings, flanges and related products for the Global Power Generation, Nuclear Power Generation, Oil Refining, Gas & Chemical Processing & U.S. Military Shipbuilding. Tioga is headquartered in Philadelphia, PA. Tioga is the longest continuous supplier to have a Nuclear Quality Assurance Program. Tioga has continuously maintained a ASME Nuclear Certificate since 1982. Tioga has been audited by NUPIC and NIAC that meets the complex requirements of ASME Section III, 10CFR50 Appendix B, N45.2, NQA-1, and CAN3-Z299 SERIES.

### **Toshiba**

Toshiba Corporation is a multinational group of manufacturing company, headquartered in Tokyo, Japan. The company's businesses are in high technology, electrical engineering and electronics fields. The company is the world's 9th largest integrated manufacturer of electric and electronic equipment. Toshiba was established in 1875 by Hisashige Tanaka. Toshiba has over 190,000 employees and assets in excess of \$50 billion.

### **Wilkins, a Zurn Company**

Wilkins, a Zurn Company, has been supplying quality water control products to the marketplace since 1906. Products include backflow preventers, pressure regulators, and a variety of other support products. Wilkins has 162,000 square foot manufacturing facility in Paso Robles, CA, with over 200 employees and is now part of the Rexnord family of companies.