

Nuclear Delegation



Main Activity : Boiler Heavy Equipment

Alstom can supply and integrate all key components: from the Turbine Generator set to the entire Turbine Island.

Today's power markets have become highly competitive. It is of prime importance that your nuclear power plant operates at maximum performance and availability: the whole power plant, not just nuclear steam supply system, but also the complex equipment that converts the steam into electricity.

Alstom designs and delivers integrated ARABELLE™ solutions for turbine islands of Nuclear Power Plants

- Their **reliable** products and services are based on established experience
- Their **cutting edge technologies** allow us to provide highest performance products
- Their **global execution and manufacturing structure** allow reliable and quality supply

Website : <http://www.alstom.com/power/nuclear>

Attending : 2

Groupe Intersyndical de l'Industrie Nucléaire

Main Activity : The French Nuclear Industry Association

The G.I.I.N. brings together the French companies involved in the nuclear industry: engineering, consulting, training, inspection, maintenance, civil engineering, raw materials, semi-finished products, fuel fabrication, instrumentation, radiation protection, control and command, control, pressure vessels, boiler , pipes, tubes, electrical equipment, mechanical equipment.

Website : www.giin.fr

Attending : 1



Main Activity : Engineering / Consultancy

Altran brings together the right combination of a strong, well-rounded engineering and scientific team with a state-of-the-art Materials Science & Engineering Center in the work they do. Integrating the material and physical aspects of a problem into the solutions they provide has earned Altran Solutions a worldwide reputation in which they take pride.

Their interdisciplinary team of professionals — **in electrical, instrumentation & control, mechanical, civil/structural, engineering and design, materials science and microbiology** — is committed to helping customers understand the most complex technical and engineering challenges in their industry.

While some of their competitors may focus on a single view of the problem, Altran Solutions looks at the situation from multiple perspectives. They incorporate their innovative insights and technological ingenuity in every project they undertake. And, their industry collaborations along with client research helps them provide a solution that not only satisfies the demands of your business but also the needs of your customers.

Website : www.altrandsolutions.com

Attending : 2



Main Activity : Metal Work

Supplier of the nuclear industry in the early 1970s, Girod Sisa is now a recognized provider of the nuclear market, including internationally, in support of AREVA on technology transfer to the United States, Korea South Russia.

Website : www.girod-sisa.com

Attending : 2

Main Activity : Heave Equipment

With over 70 years' experience, Baumert has become a leading player in the protection of people and property, in fire safety, special closing mechanisms, and water- and airtightness. Its head office in Alsace brings together the sales force, the design office and production. Baumert teams also carry out the installation and maintenance of these products.

The European leader in door and partition systems, Baumert is active in a wide variety of sectors.

Nuclear :

- Installation and maintenance of all types of technical doors
- Seismic compliance of metal structures

Industry :

- Special closing mechanisms for use in industry

Water- and airtightness :

- Doors – water- and airtight Hatches and Barriers

Radioprotection :

- Special equipment to protect people in ionising environments

Website : www.baumert.fr

Attending : 2

Main Activity : Safety

Nuvia can trace its roots from the beginning of the French and British nuclear industries. The Group has grown organically and through mergers and acquisitions. Pioneering work in construction, engineering, energy, nuclear R&D, design, build, operations, radiation protection and decommissioning has been undertaken; always with a strong emphasis on safety, quality, and sustainability. The Group's rich heritage is reflected in the wide range of services provided today.

Nuvia brings together the nuclear experience and expertise of Nuvia India, Nuvia Limited in the UK and Nuvia France and its subsidiaries NTS, Salvarem, Mecatiss, Millennium, Essor and Vraco. Together the 1500 staff create a turnover of more than €200 million per annum.

Nuvia is a subsidiary of the specialist works and engineering group Soletanche Freyssinet with 16,500 staff and a turnover of €2.4 billion. Freyssinet has a long history of involvement in the nuclear industry through worldwide use of its advanced engineering and specialist products.

Soletanche Freyssinet is a wholly owned subsidiary of VINCI, the world's largest integrated concessions and construction group. Nuvia is the nuclear entity of the VINCI Group and this parentage provides a solid foundation and provides clients with unprecedented access to a range of outstanding engineering expertise

Website : <http://www.nuvia-group.com/>

Attending : 2



Main Activity : Pumps / Valves

KSB is one of the world's leading suppliers of pumps and valves and related systems.

KSB combines innovative technology and excellent service to provide intelligent solutions. This approach means that KSB employees are close to customers on all continents, providing them with pumps, valves and systems for almost all applications involving the transportation of liquids. A comprehensive range of services rounds off this customer-focused portfolio.

KSB has been growing continuously since it was founded in 1871. Today the Group has a presence on all continents with its own sales and marketing companies, manufacturing facilities and service operations. More than 14,500 employees generate annual consolidated sales revenue of almost two billion euros

Website : www.ksb.com

Attending : 1



Main Activity : Technologies to address safety and security

Nexess' team has strong competencies in risk management based on experience accumulated in nuclear industry.

Risk Analysis :

- Event analysis
- Feed-back analysis methodology and realization
- Weak signal analysis methodology and realization

Expertise in risk measurement systems :

- Detection of technical and human risk and weak signal
- Architecture and design of risk measurement system
- Analysis and treatment, efficiency measurement

Expertise and integration of Information and communication technologies. Integrated risk measurement solutions provider

- Designer and developer of NexLink® : Plant surveillance software solution combined with measurement sensors.
- NexLink® : NexLink® : a modular software platform dedicated to your security and productivity. The real time installation surveillance NexLink® solution includes a customisable software platform that can be interfaced with the existing IT system or as a stand-alone system. Managed on a central server, Nexess applications can be accessed through a standard workstation or through a web browser on different types of mobile or touch based interfaces. NexLink solution can be deployed through various IP networks (Ethernet, Wi-Fi, GPRS, 3G ...)
- NexSafe® and NexSun®: A whole range of identification products.
- NexSafe® and NexSun® product range uses harsh environment compliant RFID technologies. Nexess only integrates harsh environment qualified and electromagnetic constraints compliant electronic systems. Our products can be delivered on request in ATEX version or manufactured in compliance to the IP64 level of the international standard CEI 60529.
- Solution integrator to your corporate information system.
- Designer of identification systems compliant to harsh environments.

Website : www.nexess.fr

Attending : 2

Main Activity : Connectors, Insulators, Cables

PMB offer's you a functional solution for systems subject to stress and attack from harsh environments.

PMB acts as your partner from the **systems design stage** - from prototyping right up to industrialisation and delivery on your assembly lines.

Their teams bring you technical solutions to match your expectations - with the permanent goal of being competitive.

Website : <http://www.pmb-alcen.com/an/index.htm>

Attending : 1



Main Activity : Heavy Equipment

Born in 1946, REAL is an independent industrial company. Its history is closely linked to nuclear power. For a little over 10 years, the Group has expanded internationally and has gained a strong position in several key sectors of the industry. True to its original business, the Group has developed a development strategy that corresponds to the changing market. Thus, it seeks, in each sector, to offer a full range of services, from design to commissioning and maintenance.

- Present in 4 different continents
- + 1300 employees
- 15 % average annual growth during the past 12 years

Website : www.reel.fr

Attending : 2

Main Activity : Nuclear Waste Management

Backed by the resources of a 180 year old company, Robatel Technologies LLC is a Georgia small business with operations headquartered in Roanoke, Virginia. They offer engineering services (mechanical, civil, structural, radiological, chemical, metallurgical, nuclear et al) with an emphasis on the commercial and government nuclear industries. Drawing from the knowledge base of the Robatel Group of companies, they offer 60 years of nuclear design build experience.

Within the nuclear industry, they specialize in the design engineering and fabrication of modular/mobile hot cells, traditional hot cells, gloveboxes and glovebox systems, centrifuges, Type B casks, casks for the storage and/or transport of spent nuclear fuel, fresh fuel and contaminated / irradiated components, radioactive waste processing and handling systems. They excel at first-of-a-kind one-off design build of remote handling equipment for unusual operations.

Conveniently located in Southwest Virginia on the Blue Ridge Parkway, they are easily reached by air, rail or interstate. From their office, it is only a short drive to the North American Headquarters of Babcock and Wilcox and AREVA as well as Washington DC and the Department of Energy's Oak Ridge and Savannah River sites. Robatel Technologies LLC is an autonomous business unit of the privately held Robatel Group based in the suburbs of Lyon, France. Robatel Technologies LLC is a US small business.

Website : <http://www.robateltech.com/index2.html>

Attending : 1



Rolls-Royce

Main Activity : Instrumentation and Control Systems

For some 50 years, Rolls-Royce has been helping Naval and commercial utility customers to maximise plant operation and safely extend plant lifetimes. Their strength is built upon trusted partnerships with customers. Their extensive experience is built on safety, reliability and world-class engineering and manufacturing.

Throughout the lifetime of a nuclear plant, ensuring plant safety and availability, as well as maximising output is critical for the long-term success of utility operators.

At Rolls-Royce, their focus is on providing utility customers with integrated, long-term support services across the reactor lifecycle, covering safety, licensing and environmental activities; component design, manufacture and supply; in-service

support and plant life extension; as well as nuclear instrumentation, control and safety systems.

And with extensive nuclear certified supply chain expertise, they are able to meet the growing needs of their customers in today's global nuclear market.

Website : <http://www.rolls-royce.com/nuclear/>

Attending : 3



Main Activity : Software and Electronics

SDS Systems Development & Solutions designs and manufactures High Voltage Power Supplies from 100V to 25kV, with maximum power up to 100W, coupled with compact or ultra-compact size.

SDS develops the remote command & control boards incorporating RS232/RS485 serial interfaces or fitted with field bus adaptors to drive these devices from a distance.

The company manufactures in parallel larger modules that deliver rapid high voltage pulses, used in the range of applications where a voltage of several kV must be commutated in a very short time (a few nanoseconds).

SDS manufactures also high voltage power supplies for photons counting devices and has recently offered a new range of products dedicated to radiation protection and nuclear measurement based on gamma spectrometry.

The products are available in various forms such as miniature pcb-mountable modules, non instrumented blocks and bench-tops.

SDS dedicates its technical know-how and experience to provide its clients with customised solutions. We either build high quality subsets in series that will be incorporated into electrical and electronic equipments, or we specially design and manufacture unique devices for your particular requirements.

Website : <http://www.sdshv.com/>

Attending : 1