

Démex, Calian Group and CCNuclear sign MOU to provide Decommissioning and Deconstruction Solutions for Nuclear Facilities

Chicoutimi, QC, June 27, 2019 – Groupe Démex-Centrem (Démex), Calian Group Ltd. (TSX:CGY) and CCNuclear are pleased to announce a Memorandum of Understanding to offer value-added, one-stop decommissioning/deconstruction solutions to owners of nuclear facilities.

When a nuclear facility is no longer operated, actions must be taken to ensure the site can be eventually reused safely. The Démex, Calian and CCNuclear teams have agreed to combine their complementary skills and expertise, on a project-by-project basis, to offer a single point for solutions to support the owner's selected decommissioning strategy (prompt dismantling, deferred dismantling or in-situ disposal).

The Démex, Calian and CCNuclear teams are together offering solutions supporting all phases of nuclear decommissioning projects, including:

- Preliminary and detailed decommissioning planning;
- Historical site assessment, characterization and surveys;
- Environmental protection assessments;
- Radiation protection RP/ALARA and MARSSIM planning;
- Dose estimations and monitoring;
- Shielding calculations;
- Hazards identification and risks assessments;
- Remote handling equipment design and supply;
- Radiological and conventional hazardous waste disposal and transportation logistics;
- Deconstruction methodologies and sequences;
- Schedules;
- Cost estimates;
- Asbestos abatement;
- Asset recovery;
- Safely deconstruct and remediate;
- Recovery and recycling of non-contaminated ferrous and non-ferrous metals;
- Management of non-contaminated, non-recoverable deconstruction wastes.

“The complementarity and synergy of the services offered through this MoU will no doubt meet all the requirements and expectations of Canadian nuclear clients seeking expert decommissioning support. Our objective is to become the Canadian nuclear decommissioning reference”, expressed Dany Tremblay, President Démex.

About Démex

Since 1992, Démex stands out for its professional deconstruction services for medium to large projects across Canada. With the creation of Centrem in 2006, the group offers integrated solutions including the purchase/revaluation/sale of scrap metals and the recycling of waste material. Specialized in industrial, institutional and commercial deconstruction, Démex is recognized as a provider of the following quality and reliable services:

- Consulting/advisory reports (methodologies/sequences/estimating/scheduling);
- Civil engineering (for demolition works);
- Decommissioning;
- Hazardous material abatement (asbestos, lead, mercury, PCBs, etc.);
- Electrical transformer and ancillary equipment dismantling and recycling;

- Recovery and sale of used assets/equipment;
- Equipment dismantling;
- Building stripping and deconstruction/demolition;
- Purchase/upgrading/resale of ferrous and non-ferrous metals;
- Container rentals.

Focused on continuous improvement and quality management, Démex ensures continuous training of its personnel and maintains a large and modern equipment fleet. ISO 9001:2015 certified, all of the group's activities focus on health, safety, security and the environment (HSSE), sustainable development and LEED project criteria.»

About Calian Nuclear

Calian Nuclear is a centre of excellence for the development of technological safety and risk-based solutions. Calian Nuclear develops and executes comprehensive and cost-effective waste management and decommissioning solutions; provides a systematic approach to identifying hazards, determining their consequences, and providing recommendations to mitigate identified risks. We provide comprehensive solutions for evaluating environmental programs, processes, consequences and monitoring effluents from nuclear facility operations. The scope of these services includes:

- Preparing decommissioning plans and surveys;
- Designing, developing, revising and auditing radioactive waste programs;
- Characterizing radioactive waste for safe packaging and transporting;
- Characterizing nuclear facilities for decontamination and decommissioning;
- Preparing plans for remediating and repurposing radiologically contaminated buildings and sites.

About CCNuclear

CCN is recognized as a specialized service supplier in the nuclear industry and other custom industrial applications. Our team of experts has extensive experience in the design and development, implementation and operation of global solutions for the management of low-, intermediate-, and high-level radioactive waste materials. Our engineering department provides our clients with integrated expert services, from conceptual ideas to full-scale implementation, procurement, proof testing and operation and decommissioning of equipment, systems, and facilities in the field of radioactive material management. CCN specializes in, among other things, the management of radioactive materials such as spent fuel and solid contaminated reactor hardware (in-pool wet storage and off-pool dry storage and handling technologies) as well as contaminated slurry residue extraction, dewatering and conditioning systems. CCN also offers complete engineer-procure-construct project management. We provide on-site operating teams for handling, sampling and characterization services for large quantities of low- and intermediate-level contaminated residues such as spent resins or radioactive waste from nuclear power plants, be it in aqueous or dry conditions, including substrate disposal.

Further information:

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