

## **CNIM wins three new international contracts for nuclear handling systems**

*These new contracts are a testament to CNIM's expertise in the combustion cycle and dismantling markets, and of the quality of its industrial facilities*

Three European nuclear providers have selected CNIM to design and develop nuclear handling systems for facilities in the UK, Finland and Ukraine.

In the UK, EDF Energy has chosen CNIM as its preferred bidder for the design, manufacturing and installation of a **spent fuel unloading system** for the two EPR™ units at **Hinkley Point C** in Somerset.

*"CNIM has already supplied such equipment to a number of power stations in France, Finland and China,"* says Ludovic Vandendriesche, CNIM's Director of Nuclear Activities. *"We are delighted to be working with EDF Energy to help deliver what will be the first new nuclear power station in the UK in a generation."*

In Finland, **Posiva Oy**, a joint venture between Finnish electricity companies TVO and Fortum, has contracted CNIM to engineer **three fuel handling and transfer machines** for the **Encapsulation Unit** currently being built at the **Onkalo** deep repository site:

- the cask transfer trolley, which will convey the fuel assembly transportation casks to beneath the hot cell;
- the fuel handling machine, which will transfer fuel assemblies from the transportation casks into their copper canisters;
- the canister trolley, which will move the copper canisters through the various stages of the process (welding, machining, inspection) before taking them to the buffer zone, from which they will descend by elevator to the disposal tunnels 500 meters below the granite.

*"Posiva Oy sets very high quality requirements,"* notes Ludovic Vandendriesche. *"To meet them, we decided to perform the entire process at our La Seyne-sur-Mer site in France, which will guarantee over 20,000 hours of engineering work in the coming years."* *Posiva Oy is expected to invite bids for the supply of other equipment for the encapsulation plant, and we are determined to show them that we will be an effective and reliable partner in a long-term relationship."*

Lastly, in Ukraine, **Novarka** has again hired CNIM in connection with the construction of the **new confinement structure at the Chernobyl nuclear plant**. Novarka, a consortium of VINCI Construction Grands Projects and Bouygues Travaux Publics, has hired CNIM to build the **maintenance trolley for the Main Crane System (MCS)**, which will be used in the dismantling the old sarcophagus erected after the 1986 accident and the damaged reactor itself.

Maintenance of the MCS will require access to areas directly above the reactor that are subject to intense radiation. So that these areas can be reached, the maintenance trolley supplied by CNIM will be equipped with a lead-lined cabin positioned on a telescopic rail. All design and fabrication work will take place at CNIM's La Seyne-sur-Mer plant, while on-site assembly will be carried out by Novarka with CNIM's assistance.

As Ludovic Vandendriesche notes, "Novarka has already hired us before, to test and manufacture the polyurethane membrane that will be used to create a seal between the new arch and the existing buildings. With this new contract, the time factor will be crucial, as it was with the membrane. We will have to complete the design, sourcing, manufacturing and in-house testing work by November 2017, when the construction work is due to be finished."

**About CNIM Group:** [www.cnim.com](http://www.cnim.com)

CNIM designs and manufactures turnkey industrial solutions with high technological content and provides expertise, services and operating capability in areas related to the environment, energy, defense and industry. CNIM runs projects and sells equipment throughout the world. CNIM is backed by a family shareholder base that guarantees stability for future development. The Group employs 2,500 staff and had revenues in 2016 of €539.9 million, 54.6% of which was from exports. CNIM is listed on the Euronext Paris stock exchange.

In the nuclear sector, CNIM provides expertise in the design, manufacturing, installation and commissioning of complex systems and equipment. CNIM works on commercial and research reactors, as well as on facilities for the preparation and reprocessing of nuclear fuel.



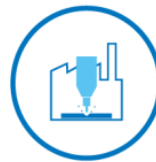
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