



## PRESS RELEASE

### **China: the construction of the EPR reactor Unit 1 at Taishan takes a major step forward with the installation of the vessel.**

**Paris, June 5, 2012** - The construction of the EPR reactor at Taishan in China, coordinated by EDF, CGNPC and AREVA, has passed a key stage in its development with the lowering of the vessel into the Unit 1 reactor building, after which it was installed in its final location in the reactor pit.

The positioning of this steel component - weighing more than 420 tons, with a diameter of 5.3 metres and 10.6 metres high - marks the culmination of numerous civil engineering and assembly works undertaken since the metal dome was placed on top of the reactor building at the end of October 2011. This important stage was coordinated by the project manager, Taishan Nuclear Power Joint Venture Company (TNPJVC: a joint venture owned at 70% by CGNPC<sup>1</sup> and at 30 % by EDF), with technical support provided by local AREVA teams.

This operation marks the start of works for the installation of the nuclear steam supply system (apart from the vessel, the 4 steam generators, pressuriser, the 4 primary motorised pump units and pipework), to be undertaken in parallel with the installation of the equipment and auxiliary systems..

David Emond, Taishan Project Manager at AREVA, stated: *"The installation of the vessel for the first EPR reactor at Taishan power plant under the best conditions initiates an important new phase in the development of the site. With the success of this key operation, we have taken a further step towards the commissioning of the most powerful nuclear reactor in China."*

---

<sup>1</sup> CGNPC: China Guangdong Nuclear Power Company



Roger Seban, Deputy Chief Executive of TNPJVC, assigned by EDF commented: *"Now that the vessel has been put in place, we have to move on to the work of installing all of the power station equipment, whilst at all times observing the quality and safety requirements. The Franco-Chinese teams at Taishan are mobilised and ready to achieve this objective."*

## Contacts:

### EDF

**Press:** Alison Marquilly +33 (0)1 40 42 15 76

**Analysts and Investors:**

Carine de Boissezon +33 (1) 40 42 45 53

David Newhouse (US investors) +33 (1) 40 42 32 45

### AREVA

**Press :** Maxime Michaut +33 (0)1 34 96 11 47 ; [press@areva.com](mailto:press@areva.com)

**Investor Relations :**

Marie de Scorbiac +33 (0)1 34 96 05 97 ;

[marie.descorbiac@areva.com](mailto:marie.descorbiac@areva.com)

Philippine du Repaire : +33 (0)1 34 96 11 51 ;

[philippine.durepaire@areva.com](mailto:philippine.durepaire@areva.com)

### MORE ABOUT

The EDF Group, one of the leaders in the European energy market, is an integrated energy company active in all areas of the business: generation, transmission, distribution, energy supply and trading. The Group is the leading electricity producer in Europe. In France, it has mainly nuclear and hydraulic production facilities where 96.5% of the electricity output is CO<sub>2</sub>-free.

EDF's transmission and distribution subsidiaries in France operate 1,285,000 km of low and medium voltage overhead and underground electricity lines and around 100,000 km of high and very high voltage networks. The Group is involved in supplying energy and services to approximately 27.9 million customers in France. The Group generated consolidated sales of €65.3 billion in 2011, of which 43.1% outside of France. EDF is listed on the Paris Stock Exchange and is a member of the CAC 40 index.

AREVA supplies solutions for power generation with less carbon. Its expertise and unwavering insistence on safety, security, transparency and ethics are setting the standard, and its responsible development is anchored in a process of continuous improvement.

Ranked first in the global nuclear power industry, AREVA's unique integrated offering to utilities covers every stage of the fuel cycle, nuclear reactor design and construction, and related services. The group is also expanding its operations to renewable energies – wind, solar, bioenergies, hydrogen and storage – to be one of the leaders in this sector worldwide.

With these two major offers, AREVA's 48,000 employees are helping to supply ever safer, cleaner and more economical energy to the greatest number of people.