

## CUSTOMER REFERENCE

IND/2015/002



## CUSTOMER INFORMATION



ILL, Institut Laue-Langevin

## (TECHNICAL) SPECIFICATIONS

Location	Grenoble / France
Application	Nuclear Type
Products AEG PS:	Profitec Charger Transokraft Inverters

### **AEG Power Solutions Chosen by Institut Laue-Langevin (ILL) for Nuclear-standard Proven Power Solution**

The Institut Laue-Langevin is an international research centre at the leading edge of neutron science and technology. As the world's largest neutron research facility, the ILL provides scientists with a very high flux of neutrons feeding some 40 state-of-the-art instruments, which are constantly being developed and upgraded. Following the Fukushima nuclear accident in 2011, a decision was taken to improve the safety of the ILL site, including new construction work with improved backup protection to the electrical supply. ILL chose AEG PS to provide the power supply systems required for this change for several reasons: the quality and reliability of AEG PS' products, its expertise in nuclear applications (The products used in the project are designed to meet the stringent requirements of the nuclear industry, including resistance to seismic events and high temperature and have multiple certifications accordingly). AEG PS was also selected thanks to its ability to meet the short delivery timescales of only 10 weeks required for the project.

The power supply system includes two of AEG PS' Profitec chargers, rated at 300A, and two of the company's 20kVA Transokraft inverters. The products met all necessary approvals from the French Nuclear Safety Authority.