EPR FLAMANVILLE 3
December 2017: The latest news in pictures
Reactor building – Cold testing
Lower internals, upper internals and vessel head being installed for cold testing.
Reactor building – Cold testing

Workers fitting studs to the multi-stud tensioning machine (MSTM).
Reactor building – Cold testing
Multi-stud tensioning machine (MSTM) being positioned on the vessel head.
Reactor building – Cold testing
Technician over-tensioning the vessel-head studs.
Reactor building – Cold testing

Monday 18th December: Start of cold testing on the Flamanville-3 EPR.
Main control room - Cold testing

Systems being actuated from the main control room by operations and commissioning personnel.
Reactor building – Cold testing

Checks are being carried out in the field. In this picture, workers check the integrity of a gasketed filter cartridge on one of the reactor coolant pumps.
Safeguard buildings – Cold testing

On-plant monitoring of safety-injection system functionality (system designator: RIS).
Safeguard buildings – Cold testing
Worker checking the flow of water inside a safety-injection system pipe (system designator: RIS).
Nuclear auxiliary building – Cold testing

Worker checking a pressure sensor forming part of the chemical and volume control system (system designator: CVCS).
Nuclear auxiliary building – Cold testing

Worker checking the position of a CVCS valve (chemical and volume control system) at low pressure.
Reactor building
Worker closing the steam generator access hatches in order to keep the primary system sealed for cold testing.
Turbine building
Welding work underway inside the condenser.
Turbine building
Worker flushing the motor-driven feedwater pump system (system designator: APA).
Reactor building
Workers closing a valve forming part of the low-pressure feedwater heater system in order for the system to be tested in the turbine building.
Pump house
Completion of painting work inside train 2 of the pump house.
Safeguard buildings
Start of hydrostatic tests on the secondary system.
Control-room access building
Workers installing electrical supply systems for the building’s lighting.
Nuclear auxiliary building
Work forges ahead with the sealing of wall penetrations inside the building.
Operational Service Centre
Portal monitors being installed at the exit from the radiologically controlled area (RCA).
View of the Flamanville-3 EPR construction site – 5th December 2017