EPR FLAMANVILLE 3
July 2017: The latest news in pictures
Completion of system flushing operations

Flushing of the last two safeguard systems towards the primary system and reactor vessel has now been completed.
Completion of system flushing operations

From the main control room, the operations & testing engineer and the control-room operator start up the various pumps.
Completion of system flushing operations
On plant, workers verify equipment functionality.
Completion of system flushing operations

Water flows through pipes and ends up inside the reactor vessel. These operations are repeated several times in order to flush all safeguard systems connected to the primary system.
Completion of system flushing operations
The duty engineer has played a crucial role. Not only is he the senior tester of a specific system but he also conducts the orchestra by coordinating all activities comprising a complete testing phase, as is the case with system flushing operations.
Fuel building
The 19 racks used to store spent fuel assemblies have now been installed in the spent fuel pool cooling compartment.
Waste treatment building
Worker applying a weld to one of the ventilation support structures located on the building’s roof.
Work forges ahead on the future walkway connecting the operations building to the main control room and turbine building. This picture shows workers installing cladding.
Workshop

Close cooperation with plant maintenance workers. This technician is machining a mechanical part for one of the plant’s pumps.
Workshop

Workers fitting guide tubes to the vessel’s upper internals. As their name suggests, these will guide the control rods into the reactor vessel in order to control reactivity inside the core.
North diesel building
Electrical connection work forges ahead.
South diesel building
Workers fitting heat insulation to pipes connected to the main diesel generator motors.
Turbine building

As is traditional across the French nuclear fleet, each turbine is named after the planning manager’s personal secretary. The Flamanville-3 turbine has been named Christine.
Pump house

The rooms housing one of the building’s 4 safety trains have now been completed. They now meet the material condition standards required for an operating plant.
Pump house

The two circulating water pumps (CRF) have been simultaneously started up, together with about ten auxiliary systems.