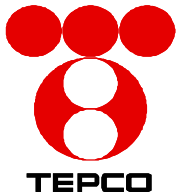


Test Run of Reactor Injection Pump in the Turbine Building of Unit 1 to 3

December 27, 2011

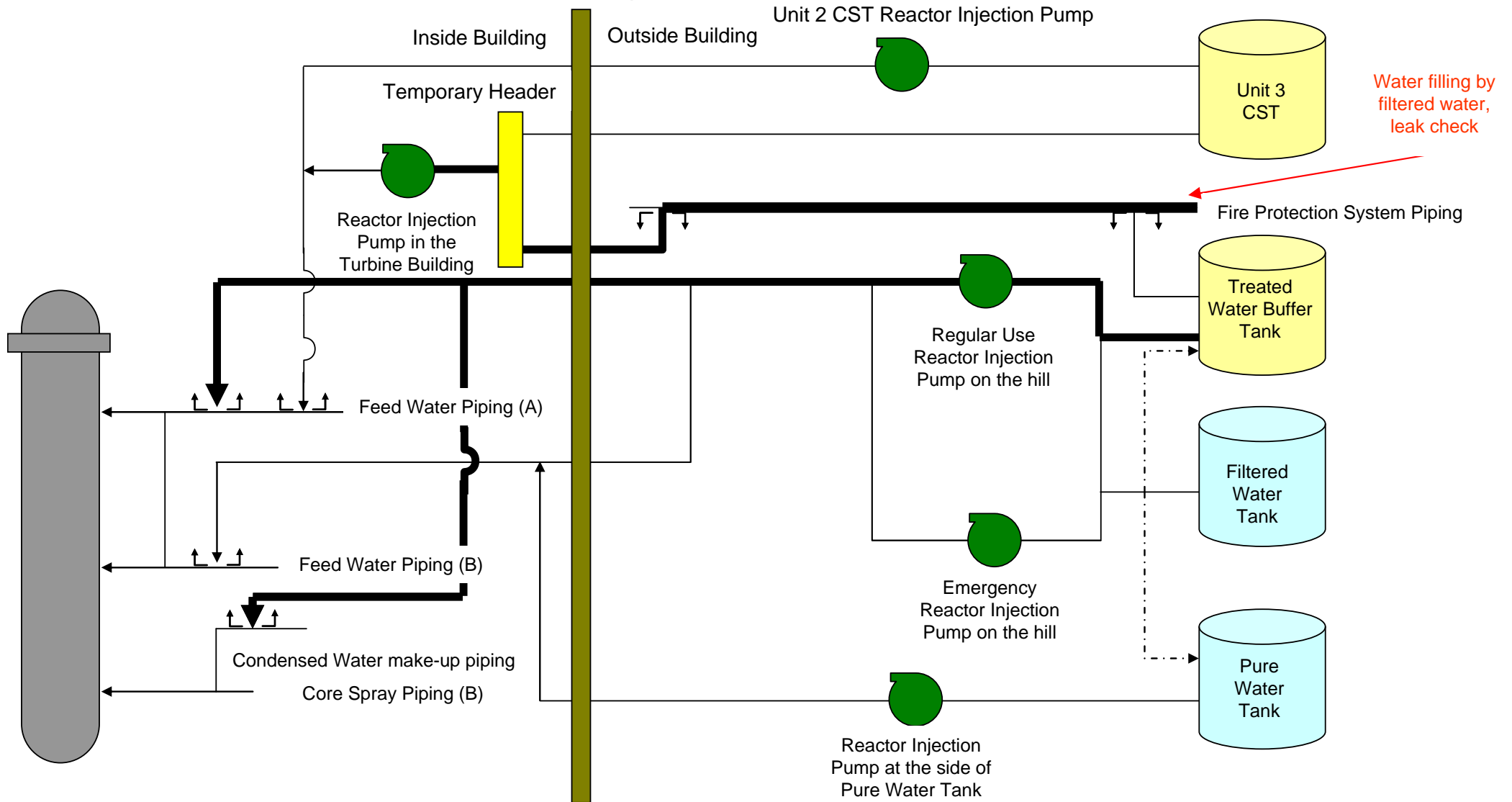
Tokyo Electric Power Company



東京電力

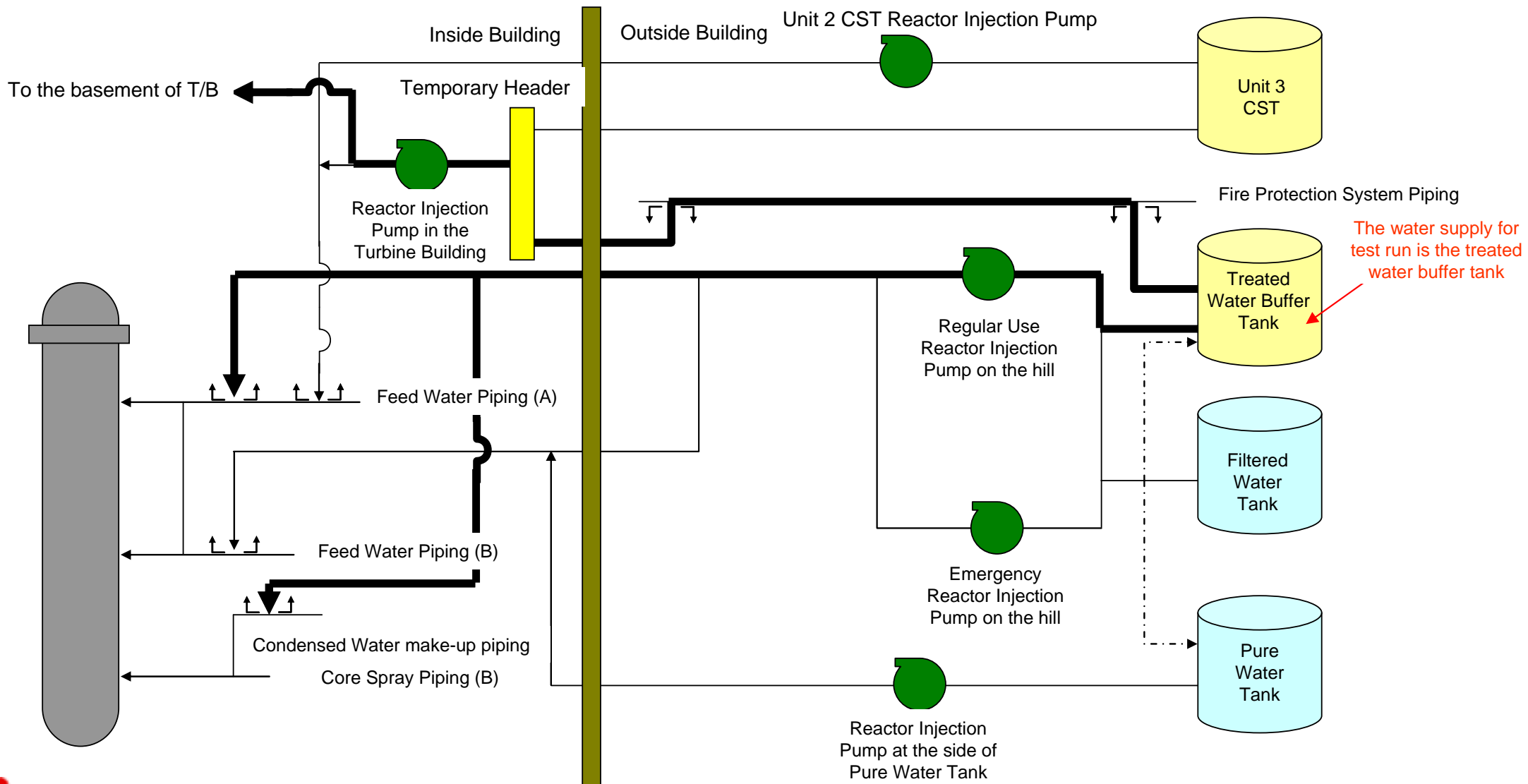
Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 1) ①

- As the suction line is also installed out of the building, at first water filling through the suction of pump is implemented not using treated water but filtered water, and check leakage. (already implemented)



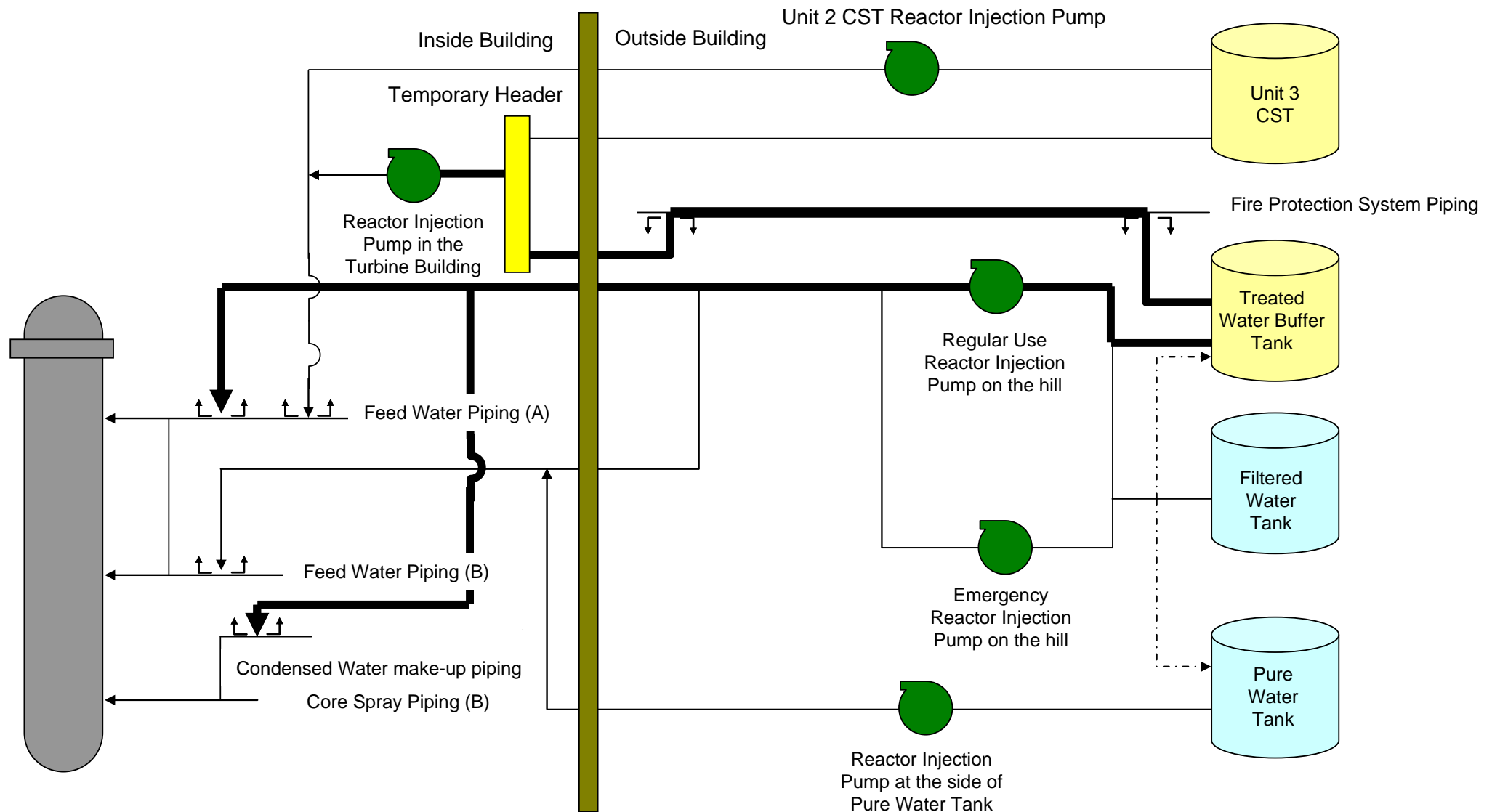
Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 1) ②

- After confirming no leakage, making line in order to set the treated water buffer tank as the water supply of the pump and the basement of turbine building as drainage, and implement test run.



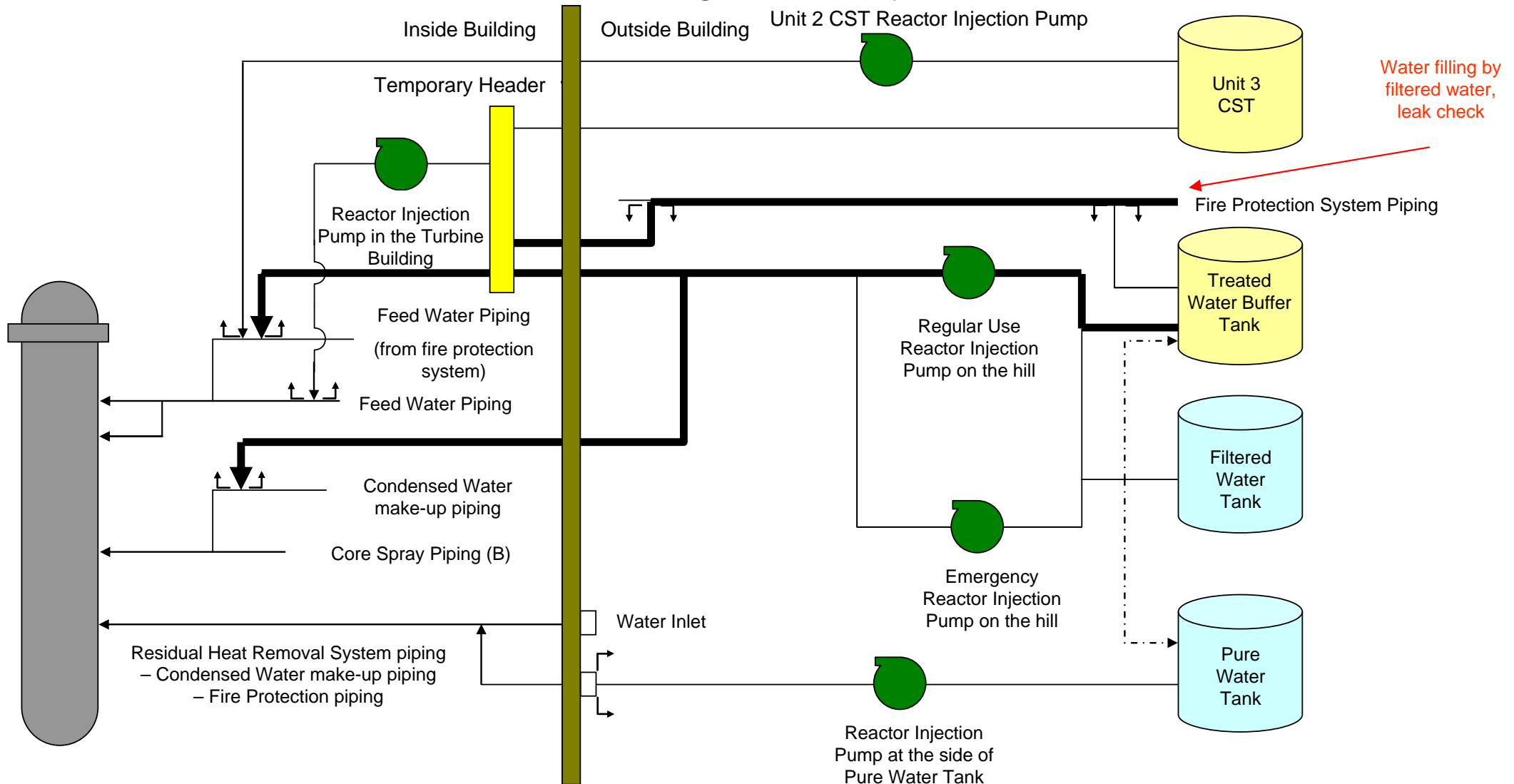
Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 1) ③

- After completion of test run, set the reactor injection pump in the turbine building as stand-by.



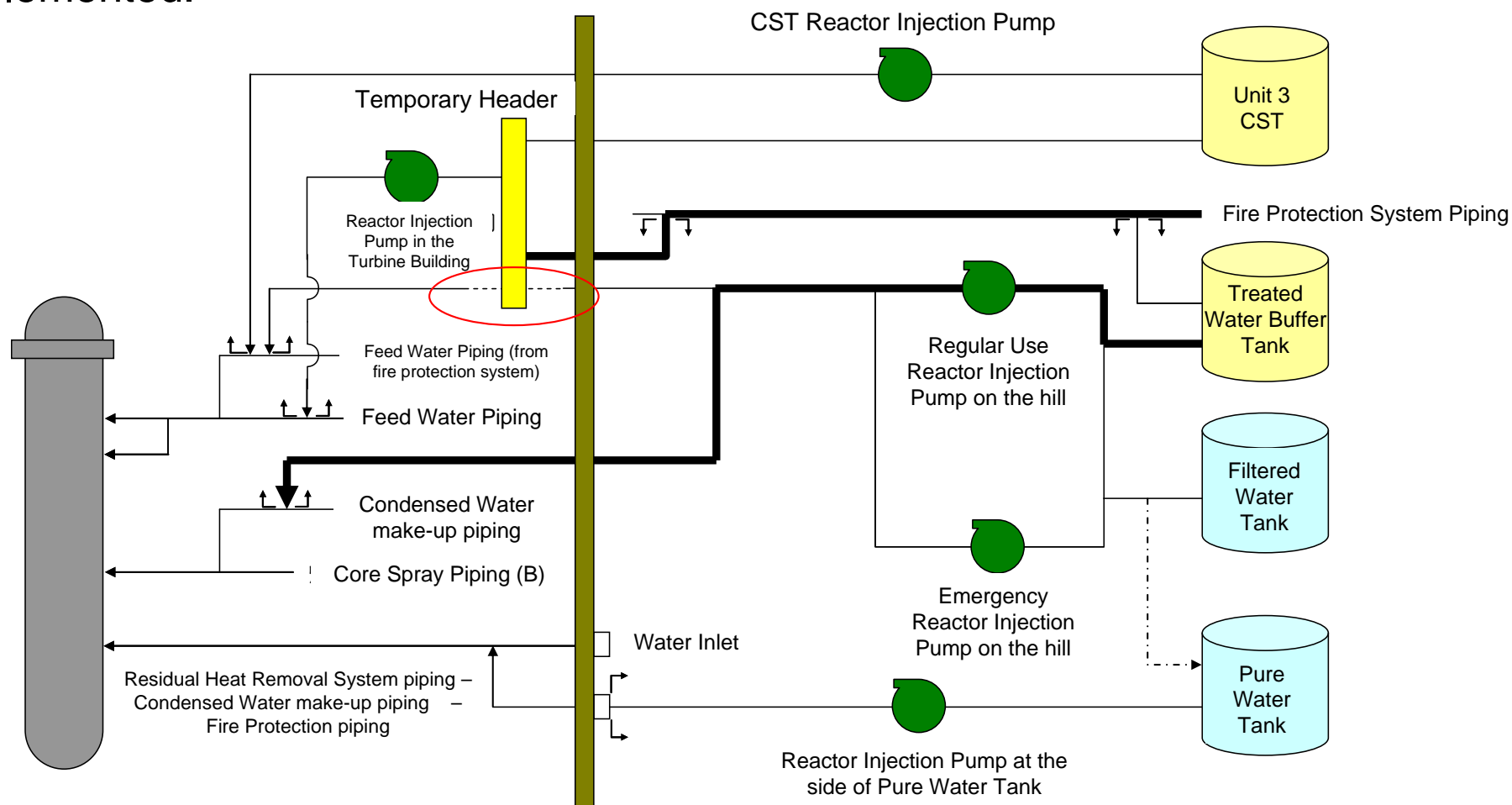
Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 2, 3) ①

- As the suction line is also installed out of the building, at first water filling through the temporary header input is implemented not using treated water but filtered water, and check leakage. (already implemented)



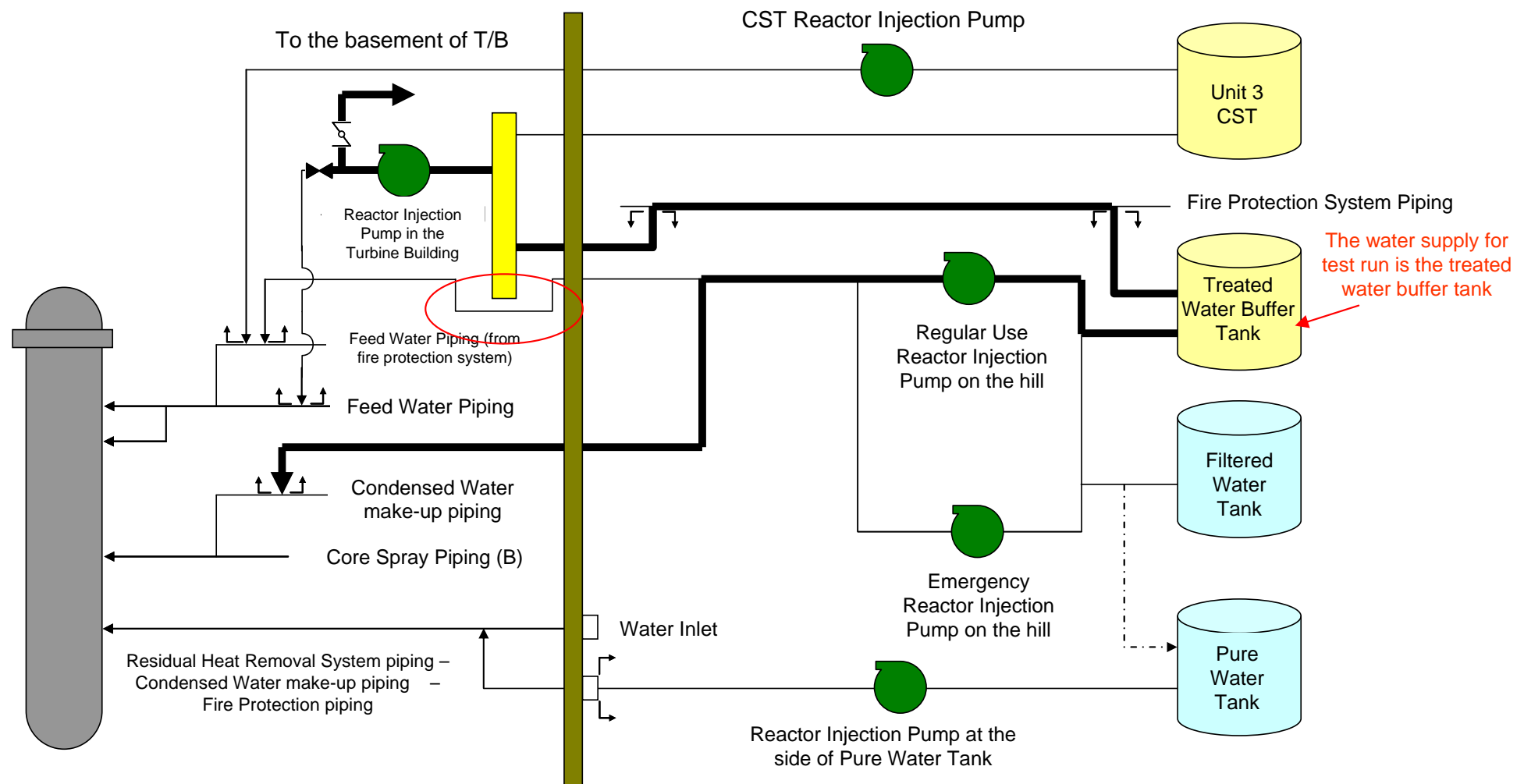
Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 2, 3) ②

- For the test run of the reactor injection pump in the turbine building, as the separation of suction line (FDW side) of the pump on the hill from suction header of the reactor injection pump in the turbine building is needed, the water injection to FDW by the pump on the hill is needed to stop before test run. (Injection to CS is continued) In order to confirm the injection rate in advance, the adjustment of injection rate is implemented.



Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 2, 3) ③

- Reconnect removed injection line from the pump on the hill to suction header.
- After confirming no leakage, set the treated water buffer tank as water supply of the pump, and implement test run.



Implementation of Test Run of Reactor Injection Pump in the Turbine Building (Unit 2, 3) ④

- After completion of test run, set the reactor injection pump in the turbine building as stand-by temporarily, and reset to injection from the pump on the hill to FDW system and CS system.

