

List of Accidents at Fukushima Daiichi Nuclear Power Station, September 2018 to January 2019

(Excerpts from “NUCIA”, Nuclear Facility Information Disclosure Library and TEPCO website)

Date	Location	Summary of accident (Bq: becquerels, L: liters)
Sep 5	Common pool	During the fuel relocation implemented from Aug 20 to Sep 5 on the operating floor of the common spent fuel pool, of the dust measurements required by the implementation plan Clause 42 (management of gaseous waste materials) the dust measurement was omitted by error.
Sep 8	Additional ALPS	Water in the system still undergoing treatment overflowed from the plastic tank on the backwash equipment for cleaning the mesh of the cross-flow filter on the additional ALPS equipment (B). There was no leakage outside the building.
Sep 12	C West tank area	Water leaked from a hose during removal of rainwater collected inside a tank dike. The leakage was of rainwater inside a dike in the C West tank area and the volume was not more than 500L. There was no flow into side ditches, etc.
Sep 14	Additional solid waste incinerator building	A cooperating company worker was injured at the additional solid waste incinerator building now under construction outside the power station site.
Sep 21	Existing ALPS	Water leaked from the supply pump 1B of the pre-processing equipment of the existing ALPS. There was no external leakage.
Sep 25	Existing ALPS	Water in the system still undergoing treatment leaked from the drain line of the cross-flow filter 1C of the existing ALPS (C). There was no external leakage.
Oct 1	Unit 3 turbine building	In the northwest area of the Unit 3 turbine building, an alarm sounded indicating a reduction of water level differential with the underground water in the surrounding area. As there was no water in the area in question, the subdrain water level was not exceeded.
Oct 2	H5 tank area	A cooperating company worker was injured in the H5 tank area.
Nov 22	Underground water storage tank	Water leaked from the transfer pump on the top of the underground water storage tank No.1. The volume leaked was around 230L. There was no external leakage. It is presumed that the cause was that the drain outlet cover had become displaced.
Nov 29	Unit 4 turbine building	Water processed by RO in the RO equipment on the 2nd floor of Unit 4 turbine building leaked. The water has been retrieved.
Dec 2	ALPS	Water in the system still undergoing treatment leaked from the valve packing on the existing ALPS equipment (A). No external effect.
Dec 14	On NPP site	A cooperating company worker was injured during the restoration work on the Ohimo water channel on the power plant site.
Dec 15	Unit 1 SFP	When restarting the recirculation cooling system on the Unit 1 SFP, shut down for a retro-fit of the power supply equipment, an abnormality was confirmed by the monitoring device on the Unit 1 SFP primary system pump (B). The monitoring device was restored on Dec. 16 and the operation of the Unit 1 SFP recirculation cooling system was restarted.
Dec 20	Additional ALPS	Water in the system still being treated leaked from the area of the inspection door on adsorption tower 3A on the additional ALPS equipment (A). There was no external leakage.
2019 Jan 8	Unit 2	When carrying out the changeover operation of the water injection source for Units 1 and 2 reactors from the Unit 3 condenser storage tank (CST) to the Unit 2 CST, the discharge pressure of the water injection pump rose causing the pumps in the 2 systems to stop automatically. The Unit 2 CST reactor water injection pump (system A) started up immediately, securing the necessary volume of injected water.
Jan 18	Unit 4	It was confirmed that the water level in the Unit 4 CST on the east side of the Unit 4 turbine building had been gradually declining. The CST holds water that was used within the plant from before the 2011 earthquake, but from about November 2016 the water level has shown a gradual decline. By Jan. 18, 2019, the volume of water had declined by about 300m ³ . It is presumed that the water in the CST had flowed into the building through the piping.
Jan 22	ALPS	Water in the system still undergoing treatment leaked from the valve packing on the cross-flow filter exit pump on the existing ALPS equipment (B). No external effect.
Jan 31	RO processing equipment	A water leakage occurred from the joint of the exit pipe from the RO processing equipment. No external effect.