

List of Accidents at Fukushima Daiichi Nuclear Power Station, January to June 2017

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

Date (2017)	Location	Summary of accident (Bq: bequerels, L: liters)
9-Jan	Unit 4 turbine building	Water was confirmed to be dripping from the gland packing (shaft sealant) on the inlet valve of the filtered water receiving tank of the seawater desalinization device in Unit 4 turbine building (reverse osmosis equipment in building) (A). The dripping was stopped by increasing the tightening of the gland packing. No external leakage.
11-Jan	Existing ALPS equipment	Water was confirmed to be dripping from the gland packing on the outlet valve of the system An absorption tower of the ALPS (Advanced Liquid Processing System), and increased tightening was implemented. No external leakage.
11-Jan	J1 tank eastern area	Leakage was confirmed from the vicinity of the shutoff cap of the sampling valve of the rainwater desalinization treatment receiving tank on the north side of the J1 tank eastern area. No external leakage.
12-Jan	Unit 4 spent fuel pool	In the large service hatch entrance in the Unit 4 waste treatment building, leakage was confirmed from the vicinity of the drain valve on the hose connected to the spent fuel pool alternative cooling system. No external leakage.
26-Jan	Unit 2	Insulation oil was confirmed leaking from the Unit 2 main transformer. Around 10 liters is said to have leaked. No leakage outside the oil retention wall.
16-Feb	Mega-float	Of the 9 mega-float zones moored in the harbor, it was confirmed that the level of ballast water in the north side mega-float zone 1 was at the same level as the sea surface. Distortion of a reinforcement panel and possible fissures were confirmed in the lower part of the northwest side of the mega-float.
17-Feb	Additional ALPS equipment	Leakage was confirmed from the vicinity of the booster pump on the system A of the additional ALPS equipment. The leaked water remained inside the retention wall.
2-Mar	Intensive waste treatment facility high-temperature incinerator	A water puddle was confirmed in the vicinity of the filter of the second cesium adsorption equipment (SARRY) in the intensive waste treatment facility high-temperature incinerator building. No external leakage.
5-Apr	Unit 6 turbine building	Smoke was confirmed coming from a cable drum on the north side of the basement first floor of the Unit 6 turbine building. The smoke emission was confirmed to cease when the drum was disconnected from the electric mains socket.
10-Apr	Subdrain purification equipment adsorption tower	Water was confirmed to be dripping from the vicinity of the inlet valve of the subdrain purification equipment adsorption tower (B). No external leakage.
19-Apr	NPS premises	A cooperating company (subcontracted) male worker sustained an injury to the upper thigh while unloading steel stock from the top of a large truck in the vicinity of H1 east area.
25-Apr	Unit 2 reactor building	An “operating equipment abnormality” alarm sounded on the building retained water transfer terminal unit, and the Unit 2 reactor building retained water transfer pump ceased to operate.
27-Apr	NPS premises	Water was confirmed dripping from the joint on the drain valve on the upstream side filter of the existing desalinization equipment (RO-3). No external leakage.
12-May	Additional ALPS equipment	Water was confirmed dripping from the underside of the booster pump of the additional ALPS equipment (B). No external leakage.
15-May	Unit 1	A “nuclide analysis equipment panel (B) equipment abnormality” alarm sounded on the Unit 1 pressure containment vessel gas management equipment (PCV gas management equipment) system B. This was judged to be an abnormality of the nuclide analysis equipment system B detector and the detector was replaced on May 16.
1-Jun	Subdrain purification equipment	The leak detector on the subdrain purification equipment was activated, and the purification device was stopped. No external leakage.
4-Jun	G6 tank area	Water was confirmed to be leaking from the side of the (flange-type) tank A9 in the G6 tank area. No external leakage. To reduce the level of water in the tank to below the location of the leak, water was transferred to tank C8.
5-Jun	Retained water treatment device for Units 5 and 6	A water puddle was confirmed in the vicinity of the intake chamber of the Unit 5 and 6 retained water treatment device (RO device). No external leakage.
12-Jun	Additional ALPS equipment	An overflow of water occurred from the sampling sink of the additional ALPS equipment system C. No external leakage.
29-Jun	H2 and H4 tank areas	Water was confirmed dripping from the high-pressure hose between H2 tank area and H4 tank area. The location of the drip was outside the retention wall, but as there is no side gutter in the surroundings of the drip location, there was no external leakage. Furthermore, it is surmised that the dripping water was rainwater from within the retention wall that had remained inside the hose.