List of Accidents at Fukushima Daiichi Nuclear Power Station, July to December 2017 (Excerpts from "NUCIA", Nuclear Facility Information Disclosure Library and TEPCO website)			
Date	**Location**	**Summary of accident (Bq: bequerels, L: liters)**	**NI***
Jul 5, 2017	Unit 1 turbine building	In a survey of remaining water in 3 unsurveyed areas where there was the possibility of accumulated water remaining on the first basement level of Unit 1 turbine building, when the water level was measured (two locations) in electrical manholes, both locations were found to have water levels higher than those in subdrains nearby the Unit 1 turbine building. A drainage pump was set up and water drained from inside the manholes to the Unit 1 turbine building floor drain sump.	
Jul 21	Additional ALPS	Water was dripping from the valve lagging material on the sampling pipe on the additional ALPS System B in the additional ALPS building. No external leakage.	
Aug 2	Subdrain	Temporary drop in water level in subdrain pit No.51, southwest of Unit 4 reactor building. Judged at the time to be a failure of the water level gauge, onsite measurement and water level gauge values matched. Due to the drop in water level, there was a time zone when water retained in the Unit 4 reactor building, etc. exceeded that of the subdrain water level. However, the subdrain water level returned to a level higher than that of the water retained in the Unit 4 waste treatment building 23 minutes later. Measurement of radioactive substances in water in surrounding subdrains found no significant change.	
Aug 16	ALPS	Leakage in existing ALPS System A circulation pump 1A exit subdrain valve. No external flow.	
Aug 30	Dry casks	When loading spent nuclear fuel stored in the common spent fuel pool (SFP) into casks for storage and transport, 4 fuel assemblies containing spent fuel (recovered uranium fuel) were loaded without checking whether they were to be loaded or not. The 2 casks in question were returned to the common pool from the temporary cask storage facility.	
Sep 8	Onsite	At the onsite contamination testing station, it was confirmed that there was contamination in the area of the nostrils of a cooperative company worker who had been working on the demolition of a tank in tank area B. A detailed examination was carried out, confirming contamination in the nostrils. The exposure dose was rated at about 0.01mSv in the case that internal exposure continued for 50 years.	
Sep 19	Unit 4	Water leakage occurred in the reverse osmosis (RO) equipment in Unit 4 turbine building. No external leakage.	
Sep 28	Subdrain	Settings of the water level gauges were inaccurate in 6 locations in a new subdrain pits in the surroundings of the Unit 1-4 buildings. It was found that the actual water level was 709mm lower than the measured water level. Of these, in 1 location, during the period from the start of use of the gauge on April 19, 2017 to September 29, 2017, the water level had been a maximum of 19mm lower than the water level of the water retained in the Unit 1 waste treatment building (a state of reverse water level) at least 8 times. The result of testing of subdrain water in subdrains nearby the building all showed that values were within the standard.	
Oct 18	Units 5, 6	Water leak from the Unit 5, 6 retained water treatment device (additional RO device). No external flow.	
Oct 23	Onsite	A JAEA cooperative company worker was stung in the head by a bee in the JAEA analysis research center facility management building (now under construction) and diagnosed as suffering bee-sting anaphylaxis	
Oct 30	Unit 6	When starting the Unit 6 emergency diesel generator (D/G) A (hereafter "D/G6A") for a regular test, it was not possible to connect to the power supply system (4 D/Gs are installed in Units 5, 6, D/G5A & B and D/G6A & B). As the D/G6A rotational speed (frequency) operation could not be carried out, it was judged that the speed control device had failed. The D/G was returned to standby status on November 14 after completion of a check by the maker.	✓
Nov 15	Temporary storage area N	It was confirmed by the 2nd security check for FY2017 that in the temporary storage area N, a temporary storage area for debris, etc., 1) contaminated earth retrieved onsite had been provisionally placed in the area without loading into metal containers and without obtaining confirmation from within the company and 2) inappropriate provisional placement in the same area had not been pointed out in a patrol.	
Nov 20	Unit 2	After stopping Unit 2 reactor pressure containment vessel (PCV) gas management device system A for maintenance work, an abnormality occurred in PCV gas management device system B, making it impossible to monitor the concentration of radioactive short half-life nuclides. It was later confirmed that the concentration of radioactive short half-life nuclides could be monitored after operating the valve fitted on the Unit 2 PCV gas management device system B pipe.	
Nov 27	Unit 3	The Unit 3 spent fuel pool primary system cooling circulation pump (B) stopped during operation. It is presumed that position detection switch on the pump system inlet isolation valve had come into contact with something during work, causing the automatic halt.	
Dec 21	H9 tank area	It was confirmed that a nail had pierced the hose for transferring water from the rainwater retrieval tank and that water was leaking from it. The leak location was outside the retention wall and the leaked volume was 0.9L (Cs-134: ND (detection limit: 0.57Bq/L), Cs-137: around 1.1Bq/L, total beta radiation: around 107Bq/L).	
Dec 26	G3 north tank area	Water leaked from a transfer hose during work to withdraw the water from a contaminated water tank. The leaked water was retrieved.	

*NI: Notification Incident (Incident requiring notification to authorities)