

Fukushima Daiichi Nuclear Power Station Accident List (February to July 2020)

(Excerpts from reports of problems in the NUClear Information Archives (NUCIA))

Date	Location	Summary of Accident	Report Classification
February 26	Unit 2 Waste Treatment Building	Water was dripping from a pipe on the first floor of Unit 2 Waste Treatment Building. No external impact.	
March 2	ALPS equipment	Occurrence of "APLS equipment exit transfer A skid leak warning." It was confirmed that due to inspection of a treated water transfer valve, water had flowed in because of a leak in a valve seat downstream from the one that had been detached. No external impact.	
March 5	Units 5 and 6 common exhaust stack radiation monitor	The Unit 5 and 6 exhaust stack monitor sample pump (B) ceased automatically and sample pump (A) failed to start automatically. Sample pump (B) was later restarted manually and measurements resumed. No data measurements were taken by the stack monitor until the pump was restarted manually.	
March 13	ALPS equipment	Occurrence of alarm indicating "ALPS equipment (C) adsorption tower 6C entrance pH meter rack leak." Retightening of leak location was implemented. No external impact.	
March 23	ALPS equipment	Occurrence of alarm indicating "ALPS equipment (C) adsorption tower 6C entrance pH meter rack leak." When pouring in filtered water in association with refilling adsorbent into adsorption tower 5C, water leaked from the valve flange in the adsorption tower 6C entrance pH meter rack. This was the same location as the leakage occurring from the adsorption tower 6C entrance pH meter rack on March 13. No external impact.	
April 15	Miscellaneous solid waste incineration equipment	Water was discovered to be dripping from the vicinity of the exhaust gas auxiliary blower exit pipe of the miscellaneous solid waste incineration equipment (B). When contamination of the dripping water was inspected, it was judged to be equivalent to background.	
April 17	Miscellaneous solid waste incineration equipment	Remains of dripping water were discovered on the surface of the floor beneath the expansion between the miscellaneous solid waste incineration equipment system A secondary burner and exhaust gas cooler. When contamination of the dripped water was inspected, it was judged to be equivalent to background.	
April 24	Nuclear reactor containment vessel nitrogen sealing equipment	Due to regular inspection of nuclear reactor containment vessel nitrogen sealing equipment, the operation to switch from nitrogen gas separating device (B) to (A), when the nitrogen gas separating device (B) was halted it was confirmed that the nitrogen gas flow rate did not decrease. Since it was not possible to carry out the instruction to "check once per day that the concentration of the sealed nitrogen gas is 99% or more," it was judged that this was a deviation from operating limits. Since the devices were switched over and operating, it was later judged that the situation had been restored to normal. There was no significant alteration in plant parameters, etc.	○
April 30	JAEA Okuma Analysis and Research Center	A blue plastic sheet caught fire at the No.1 building of the Japan Atomic Energy Agency (JAEA) Okuma Analysis and Research Center, now under construction. There was no significant alteration in monitoring posts, etc.	
May 14	Onsite	Confirming that the sampling pressure abnormality alarm of the A water discharge channel simple radiation detector (PSF monitor) was repeating a cycle of sounding and then returning to normal, it was found that the values indicated by the PSF monitor were correct, but since the fluid level of the water discharge channel A had decreased, countermeasures were taken to prevent the decrease in the fluid level.	
May 22	Subdrain cleaning device	More than normal amount of condensed water (one drip per second) was found to be dripping into the enclosing bund from the underside of the subdrain cleaning device pretreatment filter 2B lagging material. Operations were resumed after switching over to a different system. No external impact.	
May 31	Onsite dust monitor supervisory terminal	A data collection delay alarm sounded in the onsite dust monitor supervisory terminal in an office of the new main administration building. It was found that data display of all 15 onsite dust monitors could not be confirmed. The situation returned to normal when the wireless relay unit was switched over to a backup unit. There was no significant alteration in the indicated values at the monitoring posts or dust monitors installed near the site boundary.	
June 25	ALPS equipment	Water leak from ALPS equipment (C) adsorption tower 9C entrance coupling. No external impact.	
July 1	Additional ALPS equipment	Water leak from additional ALPS equipment treated water receiving tank 2 entrance valve. No external impact.	