Fukushima Daiichi Nuclear Power Station Plant Parameters

As of 11:00 on February 25 2022

[Note]

Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events. We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.

| FDW line: 1.7 m/h FDW | | Unit 1 | Unit 2 | Unit 3 | Unit 4 |
|--|-------------------------------|---|--------------------------------|---------------------------------------|---------------------|
| Personal Propertion Fast | Status of water | | | · · · · · · · · · · · · · · · · · · · | |
| VESSEL BOTTOM HEAD TE-28-6961 1 : 13.4 ° C TE-28-6961 1 : 12.9 ° C TE-28-6969 1 : 20.8 ° C TE-28-6961 1 : 12.9 ° C TE-28-6969 1 : 20.8 ° C TE-28-6961 1 : 17.9 ° C TE-28-6 | | | | · · · · · · · · · · · · · · · · · · · | |
| Temperature at the bottom of RPV VESSEL ABONE SKIRT JOT (TE-263-69H1): 129 °C (TE-263-69H1): 17.9 °C (TE-263-69H1): 17.9 °C (TE-263-69H1): 17.9 °C (TE-263-69H1): 129 °C (TE-263-69H1): 17.9 °C (TE-16-146H1): 17 | reactor | | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| VESSEL ABOVE SKIRT JONT | | VESSEL BOTTOM HEAD | | | |
| The bottom of CFC-263-69H1) : 12.9 °C SPV TEMPERATURE VESSEL DWALL ABOVE BOTTOM HEAD TTP-263-69G1) : 12.9 °C das of 1100, 2/25 das o | | (TE-263-69L1) : 13.4 ℃ | VESSEL WALL ABOVE BOTTOM HEAD | VESSEL BOTTOM ABOVE SKIRT JOT | |
| RPV | Temperature at | VESSEL ABOVE SKIRT JOINT | (TE-2-3-69H3) : 20.8 °C | (TE-2-3-69F1) : 20.4 ℃ | |
| CTE-263-69622 12.9 °C | the bottom of | (TE-263-69H1) : 12.9 °C | RPV TEMPERATURE | VESSEL WALL ABOVE BOTTOM HEAD | |
| las of 11:00, 2/25 | RPV | VESSEL DOWN COMMER | (TE-2-3-69R) : 23.2 °C | (TE-2-3-69H1) : 17.9 ℃ | |
| HVH-H2A RETURN AIR | | (TE-263-69G2) : 12.9 °C | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| Temperature in PCV | | (as of 11:00, 2/25) | | | |
| Temperature PCV PC | | HVH-12A RETURN AIR | RETURN AIR DRYWELL COOLER | RETURN AIR DRYWELL COOLER | |
| FOV HVH-12A SUPLY ARI D.W COUCER HVH2-12B SUPLY ARI D.W COLER HVH2-12B SUPLY ARI D.W COUCER HVH2-12B SUPLY ARI D.W COLER HVH2-12B SUPLY ARI D.W CAS OF ARI D.W SUPLY ARI D.W CAS OF ARI D.W CAS O | | (TE-1625A) : 13.0 °C | (TE-16-114B) : 21.2 ℃ | (TE-16-114A) : 20.6 ℃ | |
| TE-1625F) : 12.9 ° C (TE-16-114/G#T) : 21.3 ° C (TE-16-114/G#T) : 17.9 ° C (as of 1100, 2/25) (as of 11100, 2/25) (as of 1100, 2/25) | | HVH-12A SUPPLY AIR | SUPPLY AIR D/W COOLER HVH2-16B | SUPPLY AIR D/W COOLER | |
| Pressure in PCV Pressure i | PCV | (TE-1625F): 12.9 ℃ | | (TE-16-114F#1) : 17.9 ℃ | |
| Pressure in PCV (as of 11:00, 2/25) (as of 11:00, 2/25) (as of 11:00, 2/25) (as of 11:00, 2/25) | | (as of 11:00, 2/25) | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| Rev | | 0.17 kPag | 3.06 kPag | 0.43 kPa g | _ |
| Flow rate of nitrogen as one o | Pressure in PCV | (as of 11:00, 2/25) | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| nitrogen gas injection to Reactors (JP-A): 14.33 Nmi/h (JP-B): - Nmi/h (JP-B): | | RPV (RVH-A) : - Nm³/h | | | |
| injection to Reactors (JP-B): - Nm/h | Flow rate of | (RVH-B): 15.60 Nm³/h | RPV-A: 6.48 Nm³/h | RPV-A: - Nm³/h | |
| Reactors (JPB) : - Nm²/h | | (JP-A) : 14.33 Nm³/h | RPV-B: 6.54 Nm³/h | RPV-B: - Nm³/h | |
| Section Sect | | (JP-B) : - Nm³/h | PCV: - Nm³/h | PCV: 18.10 Nm³/h | |
| Outlet flow from PCV gas control system PCV gas control gas of 11:00, 2/25) 18.02 Nm²/h (as of 11:00, 2/25) Hydrogen concentration in PCV Was 135 | | PCV: - Nm³/h | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| PCV gas control system System A | | (as of 11:00, 2/25) | | | |
| System (as of 11:00, 2/25) (as of 11:0 | | 21.1 m³/h | 17.70 Nm³/h | 18.02 Nm³/h | |
| Hydrogen concentration in PCV M1 System A 0.00 vol% System A 0.05 vol% System A 0.00 vol% System B System A vol% System B 0.00 System B 0.00 vol% System B 0.00 vol% System B 0.00 vol% System B 0.00 vol% System B 0.00 Syst | | (as of 11:00, 2/25) | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| System B | | System A: 0.00 vol% | System A: 0.05 vol% | System A: 0.09 vol% | |
| Radioactive concentration in PCV (Xe 135) System A : indicated value 8.27E-04 detection limit 3.95E-04 System B : indicated value 1.11E-03 detection limit 3.21E-04 detection limit 3.21E-04 detection limit 3.21E-04 detection limit 1.3E-01 System B : indicated value ND detection limit 1.3E-01 System B : indicated value ND detection limit 1.9E-01 Bq/cm² detecti | | | 1-2 | | |
| Radioactive concentration in PCV (Xe 135) %2 m B : indicated value 1.11E-03 detection limit 3.21E-04 Bq/cm² detection limit 1.3E-01 System B : indicated value ND detection limit 1.3E-01 Bq/cm² detection limit 1.9E-01 Bq/cm² B | | * | * | | |
| concentration in PCV (Xe 135) System B: Syste | concentration in PCV (Xe 135) | System A: | System A: | System A: | |
| concentration in PCV (Xe 135) System B: Syste | | indicated value 8.27E-04 | indicated value ND Day/ami | indicated value ND | |
| PCV (Xe 135) | | | detection limit 1.3E-01 | detection limit 1.9E-01 | |
| **2 indicated value detection limit 3.21E-04 1.11E-03 Bq/cm² detection limit 1.3E-01 indicated value detection limit 1.3E-01 ND detection limit 1.9E-01 Bq/cm² detection limit 1.9E-01 Temperature in the spent fuel pool 18.4 °C 17.4 °C - °C **5 - °C **5 FPC skimmer 3.84 m 3.85 m - m **6 19.9 ×100mm | | ISystem R . | System B: | System B: | |
| Control Cont | | indicated value 1.11E-03 | indicated value ND Day/a 3 | indicated value ND | |
| (as of 11:00, 2/25) (as of 11:00, 2/25) (as of 11:00, 2/25) Temperature in the spent fuel pool 18.4 °C 17.4 °C - °C **5 - °C **5 (as of 11:00, 2/25) FPC skimmer 3.84 m 3.85 m - m **6 19.9 ×100mm | | detection limit 3.21E-04 BQ/CM | detection limit 1.3E-01 | detection limit 1.9E-01 | |
| the spent fuel pool (as of 11:00 , 2/25) | | | (as of 11:00, 2/25) | (as of 11:00, 2/25) | |
| pool (as of 11:00, 2/25) (as of 11:00, 2/25) (as of 11:00, 2/25) FPC skimmer 3.84 m 3.85 m - m *6 19.9 ×100mm | | 18.4 ℃ | 17.4 ℃ | - °C | - °C <u></u> |
| a was dead a last of l | | (as of 11:00, 2/25) | (as of 11:00, 2/25) | (as of 11:00 , 2/25) | (as of 11:00, 2/25) |
| a was dead a last of l | FPC skimmer | | | 1 | |
| | surge tank level | (as of 11:00, 2/25) | (as of 11:00, 2/25) | (as of 11:00, 2/25) | (as of 11:00, 2/25) |

[Information about measurements]

^{*1:} In case that the instrument indicates minus hydrogen density, "0%" is recorded. (Because there's the possibility of minus indication due to the instrumental precision when hydrogen density is very low.)
The hydrogen concentration in the PCV gas control system is provided.

^{*3 :} Flow rate values are adjusted according to the temperature and the pressure under usage conditions.

¾4 : Nitrogen gas injection is under suspension.

^{*5 :} Not monitored as all fuel removal is complete

^{*6 :} Data missing due to work interrupting the measurement.

^{*7 :} The reactor injection water flow rate is changed due to work in progress.

^{*8:} The nitrogen injection rate is changed due to work in progress.