

Fukushima Daiichi Nuclear Power Station Unit1 Parameters of Temperature

[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.

Blue: Add Point
Green: Correction Point

Date	Vessel Flange	Vessel Flange	Feedwater Nozzle N4B (end)	Feedwater Nozzle N4B (inside)	Feedwater Nozzle N4C (end)	Feedwater Nozzle N4C (inside)	vessel core	Reactor Pressure Vessel Bottom Part	CRD Housing Upper Part	CRD Housing Lower Part	Safety Valve (exhaust air)203-4A (1)	Safety Valve (exhaust air)203-4C (2)	Safety Valve (exhaust air)203-4B (3)	SR Valve (exhaust air)203-3A(6)	SR Valve (exhaust air)203-3B(7)	SR Valve (exhaust air)203-3C(8)	SR Valve (exhaust air)203-3D(9)	D/W HVH Return Air Duct (HVH-12C)	RPV Bellows Air (HVH-12A)	S/C Pool Water Temperature A	S/C Pool Water Temperature B	note	
3/20 22:00			370					388			387												
3/21 3:00			370					381			383							384					
3/21 8:00			370					390			390							390					
3/21 13:30			380					390			390							390					
3/21 14:00			380					390			390							390					
3/21 14:25			380					390			390							390					
3/21 14:30			380					390			390							390					
3/22 0:15			381					387			391							391					
3/22 5:00			383					391			393							394					
3/22 6:00			380					388			389							393					
3/22 10:30			385					394			400							400					
3/22 11:20			383					394			400							399					
3/22 15:30			386					394			400							400					
3/22 17:00			386					387			400							400					
3/22 18:00			389					387			400							400					
3/22 23:00			392					389			400							400					
3/23 4:00			400					400			400							400					
3/23 4:00			400					400			400							400					
3/23 4:40			400					400			400							400					
3/23 8:00			389					389			392							396					
3/23 9:30			383					387			397												
3/23 10:00			379					379															
3/23 10:30			371					376															
3/23 11:00			360					365															
3/23 11:30			355					357															
3/23 12:00			345					350															
3/23 12:30			341					349															
3/23 13:00			338					345															
3/23 13:30			332					337															
3/23 14:00			332					336			340							338					
3/23 14:20			326					332			336							335					
3/23 14:30			325					330															
3/23 15:00			315					320															
3/23 15:30			307					314															
3/23 16:00			305					306															
3/23 21:00			280					255			275							260					
3/23 23:00			255					245															
3/24 1:00			243					229			270							235					
3/24 3:00			230					207															
3/24 5:00			225					195			250							200					
3/24 7:00			225					185			260							190					
3/24 9:00	181.6		236.6				188.3	192.1			279.2							196.5	191.9				
3/24 11:00	175.3		234.3				192.8	185.3			293.2							193.9	187.9				
3/24 13:00	172.6		229.6				179.5	181.8			273.2							187.2	184.4				
3/24 17:00	163.2		217.9				170.1	172.4			254.5							177.9	176.6				
3/24 20:00	159.7		216.7				166.7	169.1			253.8							174.6	174.2				
3/24 21:45	156.6		211.5				163.5	165.8			248.6							172.8	171.5				
3/24 22:00	156.3		210.4				163.1	165.3			246.8							172.3	171.1				
3/25 0:00	154.8		207.7				161.4	163.7			239.2							170.1	168.9				
3/25 2:00	152.7		206.7				159.4	161.2			228.9							165.6	167.6				
3/25 6:00	149.0		204.5				155.7	157.5			224.4							160.9	164.6				
3/25 10:00	145.2		197.8				150.9	153.6			217.2							156.1	160.9				
3/25 14:00	143.1		197.8				149.9	151.7			215.2							153.8	159.3				
3/25 15:45	140.2		196.7				147.4	149.3			211.8							151.2	157.2				
3/25 16:00	139.9		196.9				147.0	148.9			211.7							150.9	157.0				
3/25 16:30	139.4		196.9				146.6	148.5			212.5							150.7	156.7				
3/25 18:30	138.2		197.0				145.2	147.0			215.0							149.7	156.2				
3/25 23:00	136.8		194.9				142.9	144.5			218.1							147.0	155.1				
3/26 5:00	135.7		209.4				142.4	144.3			234.6							146.4	158.1				
3/26 9:30	140.9		195.3				145.5	146.3			198.5							148.3	153.6				
3/26 11:30	139.8		207.1				145.9	148.0			217.9							148.5	155.9				
3/26 12:00	139.3		208.8				145.4	147.7			224.0							148.1	156.6				
3/26 13:00	138.4		212.3				144.6	146.9			232.0							147.7	157.4				
3/26 17:30	142.2		233.1				142.1	144.4			255.3							147.0	157.0				
3/26 21:00	143.1		241.4				140.4	142.6			262.6							145.6	157.3				
3/27 1:00	135.7		245.9				139.0	141.4			276.4							138.4	166.3				
3/27 5:00	136.1		223.7				140.3	141.7			205.0							136.6	154.0				
3/27 9:00	135.2		224.8				141.2	143.4	143.8	142.5	226.5							141.0	152.8				
3/27 15:30	132.3		240.8				138.0	140.7	140.0	138.4	271.1							136.9	150.5				
3/27 16:20	131.9		244.2				137.7	140.5	139.8	138.2	274.9							137.8	150.6				
3/27 22:00	131.8		258.7				136.8	139.7	138.4	136.7	286.3							134.3	153.5				
3/28 0:00	130.9		266.3				136.5	139.6	138.1	136.3	280.7							134.4	154.5				
3/28 3:00	131.3		273.8				136.1	139.2	137.6	135.5	286.3							135.3	157.2				
3/28 7:00	138.1		299.4				135.8	139.0	137.0	134.5	293.9							133.9	161.0				
3/28 12:30	137.3		304.5	135.0	136.0	137.0	135.8	139.3	136.6	134.3	304.8	196.0	157.0	164.0	239.0	188.0	178.0	133.1	161.4				

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Blue : Add Point
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Date	Vessel Flange	Vessel Flange	Feedwater Nozzle N4B (end)	Feedwater Nozzle N4B (inside)	Feedwater Nozzle N4C (end)	Feedwater Nozzle N4C (inside)	vessel core	Reactor Pressure Vessel Bottom Part	CRD Housing Upper Part	CRD Housing Lower Part	Safety Valve (exhaust air)203-4A (1)	Safety Valve (exhaust air)203-4C (2)	Safety Valve (exhaust air)203-4B (3)	SR Valve (exhaust air)203-3A(6)	SR Valve (exhaust air)203-3B(7)	SR Valve (exhaust air)203-3C(8)	SR Valve (exhaust air)203-3D(9)	D/W HVH Return Air Duct (HVH-12C)	RPV Bellows Air (HVH-12A)	S/C Pool Water Temperature A	S/C Pool Water Temperature B	note
3/28 17:30	135.0		309.9	135.0	136.7	137.5	136.1	140.0	136.7	134.3	322.6	203.8	159.7	166.1	249.0	191.8	180.4	131.6	159.0			
3/28 21:00	133.7		315.5	135.4	137.1	137.9	136.6	140.7	137.1	134.7	327.7	208.7	161.6	166.9	254.7	193.9	182.3	133.4	163.2			
3/28 21:20	134.9		318.0	135.4	137.1	138.0	136.7	140.7	137.1	134.6	329.5	209.7	167.1	166.9	256.3	194.1	182.4	133.6	163.6			
3/28 21:40	135.1		321.5	135.4	137.0	137.9	136.6	140.7	137.2	134.6	331.0	210.1	162.0	166.8	256.4	194.0	182.7	133.7	163.7			
3/28 22:00	135.6		323.4	135.4	137.0	137.9	136.6	140.7	137.1	134.5	331.9	210.2	162.2	167.1	257.0	194.3	182.7	133.3	164.0			
3/28 22:20	135.8		324.7	135.4	137.0	137.8	136.6	140.6	137.1	134.4	331.6	210.4	162.1	167.1	257.7	194.4	182.8	133.5	163.9			
3/29 1:00	136.2		329.3	135.1	136.7	137.6	136.4	140.5	136.7	133.9	334.5	210.4	164.3	166.9	258.8	193.7	183.7	131.6	169.7			
3/29 4:00	136.4	130.2	323.3	133.7	135.3	136.3	135.0	139.4	135.9	132.6	318.3	202.6	159.7	161.8	244.7	185.1	176.8	128.5	170.9			
3/29 7:00	134.2	129.3	313.5	132.9	134.4	135.4	134.1	138.3	134.7	131.8	309.9	198.6	157.1	158.6	238.2	180.8	172.8	128.0	167.9			
3/29 8:45	135.0	129.3					134.0	138.0	134.5	131.7	303.1							127.4	166.7			
3/29 8:50			309.8	132.8	134.2	135.2					304.3	194.8	155.3	156.4	232.0	176.4	169.4					
3/29 9:10	135.0	129.2	309.6	132.7	134.2	135.1	133.9	137.9	134.3	131.6	302.8	194.6	155.2	156.4	231.7	176.5	169.7	127.2	166.1			
3/29 9:40	134.8	129.0	309.6	132.3	133.8	134.8	133.6	137.6	134.0	131.3	301.4	194.6	155.1	156.0	231.5	175.4	169.2	126.9	165.3			
3/29 13:00	132.8	127.4	299.4	130.9	132.2	133.0	131.8	135.8	132.5	129.9	287.7	188.4	151.9	151.9	221.9	169.5	164.7	126.2	162.3			
3/29 18:00	132.0	126.7	295.5	130.2	131.4	132.3	131.1	135.0	131.9	129.1	283.5	187.2	152.6	151.5	220.0	167.9	165.3	125.2	161.9			
3/29 19:00	132.7	126.0	294.0	129.4	130.5	131.3	130.2	134.1	130.9	128.2	281.3	189.3	152.4	150.5	218.6	166.6	165.0	124.3	161.3			
3/29 22:00	131.9	125.2	290.5	128.6	129.7	130.5	129.5	133.3	130.3	127.5	276.4	187.4	151.7	148.5	215.0	163.5	163.1	123.0	160.1			
3/30 1:00	131.4	124.5	285.6	127.4	128.9	129.7	128.6	132.4	129.6	126.8	270.1	185.5	150.6	146.7	212.8	161.7	160.9	122.7	158.7			
3/30 4:00	131.5	123.9	281.2	126.9	128.3	128.9	128.1	133.9	128.8	126.2	267.1	184.8	150.1	146.0	211.5	161.1	160.1	122.9	158.3			
3/30 7:00	132.4	123.4	277.9	126.6	127.9	128.6	127.7	131.2	128.4	125.9	261.5	182.8	150.5	145.3	209.4	161.2	159.2	122.7	157.9			
3/30 10:00	132.5	123.1	275.1	126.4	127.7	128.3	127.5	130.9	128.1	125.7	258.8	180.7	148.6	143.6	206.1	157.3	157.5	121.5	158.5			
3/30 13:00	131.8	122.8	270.1	125.9	127.2	127.8	127.1	130.2	127.6	125.3	254.3	178.8	148.4	142.3	203.0	154.9	156.2	120.9	159.0			
3/30 16:00	131.0	122.5	267.0	125.7	126.9	127.5	126.8	130.0	127.5	125.2	251.3	175.9	147.5	140.7	200.1	152.4	154.3	120.5	163.4			
3/30 18:00	130.2	122.2	263.5	125.5	126.7	127.2	126.5	129.7	127.2	125.1	250.5	174.5	147.1	140.1	198.6	151.5	153.7	120.2	165.3			
3/30 20:00	129.3	121.8	258.7	125.0	126.1	126.7	126.1	129.2	126.8	124.7	246.3	173.8	146.7	139.7	197.7	150.9	153.3	119.9	161.6			
3/30 22:00	128.7	121.2	256.7	124.6	125.7	126.2	125.6	128.7	126.3	124.3	244.9	170.8	144.5	138.6	195.2	149.0	151.4	119.3	160.1			
3/31 0:00	128.1	120.7	257.5	124.3	125.3	125.9	125.2	128.4	125.9	123.9	244.6	169.2	144.7	137.8	194.9	148.3	151.4	118.8	161.1			
3/31 2:00	128.2	120.7	253.4	124.1	125.1	125.6	125.1	128.2	125.7	123.8	244.1	169.4	145.1	137.8	194.3	148.2	151.1	118.8	160.9			
3/31 4:00	128.3	120.5	251.2	123.9	125.0	125.4	125.0	128.0	125.4	123.6	243.0	168.8	145.5	137.1	193.7	147.3	150.6	118.6	161.4			
3/31 6:00	127.8	120.3	250.9	123.7	124.7	125.2	124.8	127.7	125.2	123.4	245.5	167.9	144.2	137.0	194.8	147.8	150.1	118.5	160.7			
3/31 8:00	128.0	120.2	249.4	123.6	124.6	125.1	124.6	127.5	125.1	123.3	244.2	168.1	144.6	136.7	193.3	147.4	149.5	118.3	160.0			
3/31 10:00	128.2	120.1	248.9	123.2	124.2	124.7	124.3	127.1	124.7	122.9	240.1	168.1	146.2	136.3	191.9	147.8	149.3	118.3	151.1			
3/31 12:00	127.4	119.3	246.1	122.3	123.3	123.8	123.4	126.1	123.9	122.1	237.9	165.7	143.1	134.6	188.8	145.5	146.3	117.7	149.9			
3/31 13:00	127.4	119.3	246.1	122.2	123.2	123.7	123.4				236.2	166.1	143.6	134.4	188.4	145.3	146.3	117.7	149.2			
3/31 14:00	127.1	118.9	244.5	121.6	122.7	123.2	122.8	125.7	123.6	121.6	234.8	165.6	143.0	133.9	187.4	144.4	145.3	116.4	149.7			
3/31 16:00	126.9	115.8	250.3	118.3	119.4	119.9	119.6	122.5	120.4	118.3	234.4	163.7	138.7	133.3	183.9	140.3	141.0	109.2	151.5			
3/31 18:00	128.9	115.4	250.2	117.4	118.3	118.8	118.5	120.6	119.3	117.3	236.4	162.1	135.6	128.7	181.7	138.0	138.4	106.5	151.2			
3/31 20:00	129.5	115.2	253.3	117.3	118.2	118.7	118.5	121.5	119.3	117.2	238.8	164.4	137.4	129.2	183.5	139.3	139.4	105.4	154.0			
3/31 22:00	129.6	115.0	255.4	117.0	117.9	118.3	118.2	121.2	118.8	116.8	242.6	165.7	131.1	129.8	185.1	140.0	139.7	103.8	154.8			

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Green : Correction

Date	Safety Relief Valve Leakage Detector RV-2-71A	Main Steam Isolation Valve Leakage Detector 2-86A	Feedwater Nozzle N-4B	CRD Housing Upper Part	Reactor Pressure Vessel	Reactor Pressure Vessel Supporting Skirt Upper Part	Reactor Pressure Vessel Drain Pipe Upper Part	D/W HVH Return Air Duct (HVH-16A)	RPV Bellows Air	Reactor Suppression Chamber Gas	S/C Pool Water A	S/C Pool Water B	note
3/20 22:00	150	49	108		120			105					
3/21 3:00	146	42	100		115			100					
3/21 8:00	150	45	105		115			105					
3/21 13:30	150	50	110		120			110					
3/21 14:00	140	50	110		110			100					
3/21 14:25	150	50	110		120			100					
3/21 14:30	150	50	110		120			100					
3/22 0:15	146	47	101		109			102					
3/22 5:00	145	50	110		110			110					
3/22 6:00	145	45	100		110			101					
3/22 10:30	140	47	105		107			101					
3/22 11:20	142	47	105		109			103					
3/22 15:30	140	45	100		105			100					
3/22 17:00	142	46	102		111			100					
3/22 18:00	140	44	102		102			99					
3/22 23:00	142	47	105		105			100					
3/23 4:20	140	50	102		109			105					
3/23 4:40	140	50	102		109			105					
3/23 9:00	140	47	105		105			101					
3/23 14:00	138	46	101		102			100					
3/23 21:00	134	45	100		103			96					
3/24 1:00	138	49	102		109			101					
3/24 5:00	135	49	100		109			96					
3/24 9:00	134	45	100		105			96					
3/24 13:00	130	50	100		110			100					
3/24 17:00	135	47	100		105			100					
3/24 20:00	130	42	100		105			95					
3/24 22:00	130	47	100		110			100					
3/24 22:30	130	45	101		109			100					
3/25 0:00	130	45	104		109			100					
3/25 2:00	135	45	105		105			100					
3/25 6:00	135	45	105		105			101					
3/25 10:00	135	45	107		105			104					
3/25 14:00	135	45	107		104			104					
3/25 18:30	132	42	107		94			99					
3/25 23:00	137	47	109		100			100					
3/26 9:30	137	50	107		100			104					
3/26 10:21	137	50	107		100			104					
3/26 10:40	137	47	107		100			104					
3/26 13:00	136	47	107		99			103					
3/26 17:30	148.1	63.6	121.8		111.1			106					
3/26 17:50	150.1	63.5	121.9		111.1			106					
3/26 18:00	150.1	63.5	122.0		111.1			106					
3/26 18:10	150.1	63.5	122.0		111.1			106					
3/26 18:30	150.2	63.6	122.1		111.2			106					
3/26 19:00	150.2	63.6	122.2		111.4			106					
3/26 21:00	150.7	63.7	123.0		111.0			103					
3/27 1:00	151.6	63.8	123.9		111.2			106					
3/27 5:00	151.6	63.7	123.9	123.3	96.6			106					
3/27 9:00	151.4	63.7	123.6	122.9	111.2			104					
3/27 15:30	150.8	63.8	123.2	122.6	123.4			119					
3/27 16:20	150.8	63.8	123.1	122.5	128.3			119					
3/27 17:50	150.6	63.8	123.0	122.4	97.3			118					
3/27 20:20	150.7	63.8	123.6	122.9	93.0			119					
3/27 22:00	151.5	63.8	124.6	123.9	88.4			119					
3/28 0:00	152.1	63.8	124.8	124.1	84.4			119					
3/28 0:55	152.4	63.8	125.5	124.8	84.4			120					
3/28 3:00	154.5	63.8	129.0	128.2	84.0			121					
3/28 3:30	154.9	63.8	129.6	128.7	82.0			121					
3/28 4:00	154.3	63.8	130.3	129.4	81.5			121					
3/28 7:00	158.7	63.7	135.4	134.5	76.8			124					
3/28 12:30	166.3	63.7	144.1	142.9	60.0			131					
3/28 17:30	171.9	63.4	148.3	147.0	67.3			136					
3/28 21:00	176.3	63.5	149.5	148.2	101.5			139					
3/29 1:00	180.9	63.4	152.0	150.7	71.4			142					
3/29 4:00	184.7	63.3	153.7	152.6	77.7			144.5					
3/29 7:00	188.5	63.2	156.2	154.9	120.0			147.5					

Fukushima Daiichi Nuclear Power Station Unit2 Parameters of Temperature

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Blue : Add Point
Green : Correction

Date	Safety Relief Valve Leakage Detector RV-2-71A	Main Steam Isolation Valve Leakage Detector 2-86A	Feedwater Nozzle N-4B	CRD Housing Upper Part	Reactor Pressure Vessel	Reactor Pressure Vessel Supporting Skirt Upper Part	Reactor Pressure Vessel Drain Pipe Upper Part	D/W HVH Return Air Duct (HVH-16A)	RPV Bellows Air	Reactor Suppression Chamber Gas	S/C Pool Water A	S/C Pool Water B	note
3/29 10:00	191.9	63.2	158.5	157.2	120.3			150					
3/29 13:00	195.4	63.2	160.5	161.6	143.6			152					
3/29 16:00	198.6	63.7	198.2	-126.8	141.6			154					Instrument failure - temperature at upper CRD housing
3/29 17:30	200.0		164.7										
3/29 19:00	201.4	63.3	166.3	105.5	85.7			156					
3/29 22:00	204.0	63.3	167.4	140.5	80.8			158					
3/30 1:00	206.3	63.3	168.6	126.3	82.2			160					
3/30 4:00	208.9	63.0	170.7	-126.2	87.7			162					
3/30 7:00	211.4	63.2	172.4	-126.0	131.6			163.5					
3/30 10:00	212.6	63.3	172.9	-126.0	110.7			164					
3/30 10:30	212.8	63.3	173.0	-126.0	112.8			164					
3/30 10:50	212.9	63.3	173.0	-99.2	114.6			164					
3/30 11:10	213.0	63.2	173.0	-125.9	117.2			164					
3/30 11:30	213.3	63.3	173.3	-125.6	119.1			164					
3/30 13:00	215.0	63.3	174.3	-125.9	-125.7			165					Instrument failure - temperature at PPV bottom
3/30 14:00	215.8	63.4	186.5	-125.9	-125.7			169					
3/30 14:20	215.4	63.3	180.2	-125.8	-125.6			169					
3/30 14:40	214.9	63.3	179.9	-125.8	-125.6			168					
3/30 15:00	214.4	63.4	179.7	-125.7	-125.6			168					
3/30 15:20	214.0	63.4	179.5	-125.7	-102.3			168					
3/30 16:00	213.5	63.4	179.6	-125.7	-45.2			168					
3/30 18:00	214.6	63.5	180.6	-125.6	-125.5			168					
3/30 18:30	214.9	63.5	180.7	-125.6	-125.5			168					
3/30 22:00	218.2	63.6	184.9	-125.5	30.6			173.5					
3/31 0:00	217.2	63.6	183.0	228.3	-125.3			172					
3/31 2:00	217.1	63.6	183.4	561.6	-125.2			172.5					
3/31 4:00	216.8	63.7	181.2	561.7	-125.2			171					
3/31 6:00	211.8	63.8	178.7	561.7	-125.1			168					
3/31 8:00	209.4	63.9	175.3	561.7	-125.0			164					
3/31 10:00	207.2	64.0	173.4	556.6	-124.9			162					
3/31 12:00	207.1	64.0	172.4	561.7	-124.9			162					
3/31 14:00	208.1	64.2	172.2	561.7	-125.0			162					
3/31 16:00	207.7	64.2	172.0	230.7	-125.0			162					
3/31 18:00	207.3	64.3	171.5	215.2	-124.9			162					
3/31 20:00	207.1	64.3	169.0	204.6	-124.8			162					
3/31 22:00	206.2	64.0	168.0	193.3	-124.7	279.0	197.0	161		99			

Fukushima Daiichi Nuclear Power Station Unit3 Parameters of Temperature

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Blue : Add Point
Green : Correction Point

Date	Feedwater Nozzle N4B	RPV Bottom Head	RPV Flange	Reactor Pressure Vessel Bottom Part	RPV Stud	RPV Flange Lower Part	Safety Relief Valve 2-71D Leakage	Safety Relief Valve 2-71F Leakage	Main Steam Isolation Valve 2-86A Leak-off	D/W HVH Return Duct Air	RPV Bellows Air	S/C Pool Water A	S/C Pool Water B	note
3/19 6:30	335	286	231	328	329	332	189	271	89	313	349			
3/19 8:20	331	295	228	352			189	271	90	312	346			
3/19 8:30	331	296	230	350			189	271	90	312	346			
3/19 16:30	336.2		232.7							320				
3/19 17:00	339	327	228	333			164	281	89	322	316			
3/19 17:20	339		228							322				
3/20 0:25	334	295	261	295	347	275	173	267	95	299	319			
3/20 0:50	329	291		291					94	297				
3/20 1:00		288							94	294				
3/20 1:10	326	288		288					94	294				
3/20 3:10	306	277	272	304	356	264	176	249	92	284	329			
3/20 3:50	303			301					93	282				
3/20 4:10	303			301					93	282				
3/20 4:20	279			300					93	278				
3/20 4:30	279			300					93	279				
3/20 9:55	219.5			251.6					93.2	226.5				
3/20 10:00	241	215	309	251	287	252	269	197	93	225	342			
3/20 10:10	216.9			249.2					92.9	223.9				
3/20 10:35	214.4			246.6					92.6	221.9				
3/20 11:00	210.6			243.9					92.2	219.4				
3/20 15:00	139.4	163.0	347.0	220.0	371.0	225.0	303.0	155.0	90.9	186.5	363.0			
3/20 15:35	138.8			217.7					90.7	183.5				
3/20 16:00	135.0			216.1					90.5	181.2				
3/20 16:30		307.0					307.0	154.0						
3/20 19:40				198.3					89.7	156.9				
3/20 19:40	95.4	136.7	393.0	198.2	359.9	228.2	296.9	137.7	89.6	156.2	382.1			
3/20 20:00	90.3			198.2					89.6	156.2				
3/21 1:25	175.0			219.8				137.7	85.6	138.0				
3/21 1:25		165.7	558.8		327.7	360.4	559.3				382.7			
3/21 1:45	-131.4			217.0				-133.2	85.1	136.5				
3/21 2:30	171.0			214.0				202.7	85.5	134.8				
3/21 4:00	170.4			223.6				172.6	85.0	130.1				
3/21 8:00	155.3			139.3				169.3	85.9	167.2				
3/21 10:00	155.3	-131.6	-131.5	139.3	218.0	404.2	532.3	169.3	85.9	167.2	280.3			
3/21 12:15	133.4			146.8				177.2	86.6	126.3				
3/22 22:40				218.0						403.4	-141.1			
3/22 22:40	-139.4	128.1	-139.7		-138.4	533.1	-141.3	-106.2	69.6					
3/23 3:00							-134.7	-78.4		353.1	-133.5			
3/23 3:30	278.6	49.4	-135.0	253.4	-129.1	504.3	-134.6	-75.9	71.6	356.0	-133.3			
3/23 4:00	279.0		-135.0	253.0			-135.0	-76.0		356.0	-134.0			
3/23 8:20	319.0		-132.0	321.0			-134.0	-3.0		307.0	-133.0			
3/23 8:45	316.4	122.3	-132.2	221.5	-129.2	481.4	-134.3	0.1	73.0	304.8	-133.5			
3/23 8:50	307.0		-132.0	221.0			-134.0	-3.0		212.0	-133.0			
3/23 9:10	304.8		-132.2	225.5			-134.2	-14.2		317.5	-133.6			
3/23 13:40	271.2		-132.3	203.1			-74.2	55.2		337.0	-133.4			
3/23 13:50	271.2	121.4	-132.3	203.1	-129.6	417.5	-74.2	55.2	73.5	337.0	-133.4			
3/23 21:10	215.4		-67.4	195.6			21.5	71.0		225.7	-133.6			
3/23 21:25	215.7	110.1	-65.3	195.8	-78.5	385.9	22.0	70.2	73.2	225.5	-133.6			
3/23 21:40	212.4		-64.8	195.3			20.4	68.7		223.8	-133.6			
3/24 2:20	80.7		-108.0	185.4			58.3	79.3		214.0	-133.6			
3/24 2:25	70.7	93.6	-115.2	183.6	-128.6	347.5	60.6	78.7	72.4	210.8	-133.6			
3/24 6:20	99.5		-81.8	193.3			82.8	70.7		194.8	-2.4			

Fukushima Daiichi Nuclear Power Station Unit3 Parameters of Temperature

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Blue : Add Point
Green : Correction Point

Date	Feedwater Nozzle N4B	RPV Bottom Head	RPV Flange	Reactor Pressure Vessel Bottom Part	RPV Stud	RPV Flange Lower Part	Safety Relief Valve 2-71D Leakage	Safety Relief Valve 2-71F Leakage	Main Steam Isolation Valve 2-86A Leak-off	D/W HVH Return Duct Air	RPV Bellows Air	S/C Pool Water A	S/C Pool Water B	note
3/24 6:35	104.9		-80.9	194.8			85.6	65.6		193.2	7.3			
3/24 10:00	33.3		-107.0	186.0			82.2	66.3		152.1	-108.7			
3/24 10:00		27.9			-43.7	316.1			70.7					
3/24 10:20	14.1		-124.6	185.5			81.1	72.8		156.4	-102.3			
3/24 18:00	65.6		-124.6	155.7			101.5	85.6		151.9	-33.9			
3/24 18:00		-14.9			222.9	317.0			70.5					
3/24 21:00	54.1	35.8	-81.0	156.4	171.8	329.0	125.9	88.9	69.7	138.0	-28.4			
3/24 21:20	53.0	33.9	-87.0	155.0	173.3	324.6	131.5	90.3	69.6	137.0	-24.9			
3/24 21:40	60.5		-85.4	150.9			131.5	91.2		137.3	-21.5			
3/24 21:40		38.7			168.4	318.1			69.8					
3/24 22:00	22.4		-83.7	147.5			136.6	87.8		138.4	-18.0			
3/24 22:00		45.9			163.8	312.1			69.8					
3/24 23:30	55.9		-57.9	135.2			148.0	97.1		138.7	1.4			
3/24 23:30		63.1			167.8	277.5			69.7					
3/25 0:30	11.0		-57.3	133.8			151.9	94.8		-32.2	7.4			
3/25 0:30		62.0			183.0	270.9			69.7					
3/25 5:30	43.8		-14.5	115.9			191.0	107.3		-8.9	25.6			
3/25 5:30		20.9			153.2	243.0			68.9					
3/25 6:10	42.8		-1.5	111.6			193.4	107.1		-28.4	30.0			
3/25 9:30	43.3		47.3	107.8			216.6	100.4		-40.7	28.9			
3/25 14:10	19.7		31.6	104.4			213.7	85.0		-88.2	19.4			
3/25 14:10		2.0			120.9	202.7			74.5					
3/25 16:10	-33.4		41.3	111.0			31.7	74.3		-109.6	-36.4			
3/25 16:10		-132.9			521.1	266.5			73.6					
3/25 18:10	-8.4		29.4	86.1			120.9	65.9		-135.6	-135.2			
3/25 18:10		-133.0			220.9	256.0			72.3					
3/25 19:10	-5.3		23.3	99.2			150.4	70.6		-135.7	-135.2			
3/25 19:10		-133.0			164.6	238.6			72.4					
3/25 21:10	-0.8		13.0	93.9			178.4	74.2		-135.7	-63.8			
3/25 21:10		-100.3			132.8	226.9			72.5					
3/25 22:00	-2.5		4.2	95.8			173.5	71.4		-135.6	-33.3			
3/25 23:00	3.9		16.3	97.0			177.8	73.3		-135.6	-19.2			
3/25 23:00		-52.8			129.5	219.4			72.4					
3/26 4:20	21.2		37.9	99.4			173.7	75.3		-106.6	6.6			
3/26 4:20		-17.6			119.2	195.8			71.8					
3/26 5:05	26.1		41.2	102.5			169.2	83.8		-119.8	9.0			
3/26 10:00	37.6		48.4	106.1			172.0	79.2		-49.7	39.7			
3/26 10:00		-49.9			97.5	216.5			71.7					
3/26 11:15	33.7		46.4	100.4			169.0	79.3		-57.8	45.0			
3/26 14:30	35.7		55.2	99.4			163.5	78.5		-23.7	35.1			
3/26 16:00	35.3		57.8	102.8			160.2	78.2		-46.4	27.5			
3/26 16:00		41.6			105.6	212.5			71.1					
3/26 20:00	41.9		61.9	107.0			161.4	83.0		3.7	40.6			
3/26 21:00	41.7	66.4	62.4	106.5	88.2	201.1	156.7	83.1	70.8	8.4	43.3			
3/26 21:20	41.7		62.4	106.5			156.7	83.1		8.4	43.3			
3/26 23:00	15.1	75.5	66.2	104.8	87.6	201.2	151.4	81.7	70.4	2.4	49.0			
3/26 23:10	15.1		66.2	104.8			151.4	81.7		2.4	49.0			
3/27 4:15	-7.9		67.2	106.5			139.9	85.3		49.3	45.8			
3/27 4:15		79.7			91.1	197.1			69.1					
3/27 4:45	-1.7		66.7	106.8			138.6	85.6		48.8	49.9			
3/27 9:25	16.3		73.0	122.7			135.3	90.5		38.3	73.3			
3/27 9:25		71.6			85.3	184.8			68.5					
3/27 10:10	13.6		72.7	121.6			133.1	90.2		38.4	74.0			

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Blue : Add Point
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Date	Feedwater Nozzle N4B	RPV Bottom Head	RPV Flange	Reactor Pressure Vessel Bottom Part	RPV Stud	RPV Flange Lower Part	Safety Relief Valve 2-71D Leakage	Safety Relief Valve 2-71F Leakage	Main Steam Isolation Valve 2-86A Leak-off	D/W HVH Return Duct Air	RPV Bellows Air	S/C Pool Water A	S/C Pool Water B	note
3/27 16:00	33.1		75.1	123.8			125.5	86.4		33.5	71.1	59.1		
3/27 16:00		101.4			82.9	187.2			67.4					
3/27 16:25	28.2		75.4	124.6			123.3	85.6		34.7	73.1	59.1		
3/27 17:30	33.8		75.0	123.1			132.2	82.0		35.8	55.9	59.1		
3/27 17:30		97.2			81.9	200.3			67.0					
3/27 18:30	39.1		76.2	122.5			127.0	81.5		41.4	43.4	59.0		
3/27 19:00	41.9		77.5	121.7			139.7	78.0		40.1	25.2	59.0		
3/28 0:00	38.1		82.0	123.6			131.9	90.1		56.7	82.9	58.7		
3/28 0:00		102.9			82.8	170.0			66.3					
3/28 0:50	38.2		82.6	122.6			132.7	90.2		61.1	81.0	58.7		
3/28 5:00	36.7		83.7	124.0			130.5	91.2		67.4	71.8	58.4		
3/28 5:00		100.5			81.6	173.4			65.4					
3/28 5:30	38.0		84.5	123.0			130.7	91.5		64.9	72.9	58.4		
3/28 10:00	39.1		83.6	123.8			125.5	92.1		59.2	74.3	58.2		
3/28 10:00		98.2			81.6	156.7			65.0					
3/28 10:30	41.9		83.1	124.4			125.5	91.2		59.6	75.4	58.1		
3/28 15:00	48.0		81.5	123.1			122.5	92.3		41.5	76.6	57.9		
3/28 15:00		100.4			82.0	157.3			65.0					
3/28 16:00	47.6		82.3	121.8			111.7	92.6		48.6	75.7	57.9		
3/28 19:30	46.3		81.0	122.7			-4.4	93.8		37.7	77.9	57.7		
3/28 19:30		110.6			81.6	155.0			65.0					
3/28 20:35	49.6		81.5	122.8			41.3	94.4		43.7	79.4	57.6		
3/28 20:35		68.2			82.8	155.2			64.7					
3/28 21:10	48.2		82.2	122.8			41.9	94.3		33.8	80.0	57.6		
3/28 21:20	49.7		82.3	122.9			42.3	94.5		21.7	79.6	57.6		
3/28 21:40	52.4		82.0	121.7			41.6	94.5		27.8	80.0	57.6		
3/28 23:00	53.7	73.7	81.5	121.9	77.9	153.5	40.5	94.8	64.3	40.0	81.1			
3/28 23:30	53.7		81.5	121.9			40.5	94.8		40.0	81.1	57.5		
3/29 0:00	53.8		81.6	121.8			43.0	95.1		37.2	81.1	57.5		
3/29 4:45	61.5		82.0	120.9			37.8	96.7		45.3	80.1	57.2		
3/29 4:45		80.8			79.5	157.6			64.1					
3/29 5:15	61.6		82.0	120.4			36.4	95.7		45.0	79.9	57.2		
3/29 10:15	63.8		82.6	118.9	49.6	156.5				21.5	82.4	57.0		
3/29 10:15		82.8					29.0	96.3	63.9					
3/29 10:45	62.9		83.2	111.1	51.1	148.8				29.0	82.2	57.0		
3/29 12:00	62.2		83.4	121.2	51.7	150.4				18.1	82.3	56.9		
3/29 14:30	62.3		82.9	120.7	49.3	152.3				36.3	81.1	56.8		
3/29 14:30		82.9					19.8	96.7	64.5					
3/29 15:15	63.2		82.3	120.9	34.2	153.4				36.4	80.4	56.8		
3/29 15:45	64.5		82.0	120.5	36.2	153.1				29.3	80.4	56.8		
3/29 16:10	64.6	85.7	82.0	120.7	37.7	152.7	17.5	96.5	64.6	38.9	80.5			
3/29 16:50	64.1		80.7	119.7	40.4	154.5				31.9	79.9	56.7		
3/29 22:10	77.2		70.1	114.6	71.5	163.2				39.1	62.9	56.5		
3/29 22:10		93.6					38.2	87.0	64.6					
3/29 23:00	77.5		69.9	113.7	73.0	162.1				38.6	59.9	56.5		
3/29 23:00		93.2					36.8	86.9	64.6					
3/30 3:20	76.8		67.5	115.4	72.0	172.2				38.5	100.5	56.3		
3/30 3:20		81.2					35.4	94.9	64.5					
3/30 3:50	75.3		67.3	116.0	72.5	170.7				41.5	102.7	56.3		
3/30 8:30	75.2		62.7	115.9	72.6	165.4				52.5	87.3	56.2		
3/30 8:30		79.8					45.9	98.7	64.4					
3/30 13:00	77.1		63.5	115.0	74.0	165.8				56.4	89.5	55.9		
3/30 13:00		80.9					47.8	98.7	64.8					

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Green : Correction Point

Date	Feedwater Nozzle N4B	RPV Bottom Head	RPV Flange	Reactor Pressure Vessel Bottom Part	RPV Stud	RPV Flange Lower Part	Safety Relief Valve 2-71D Leakage	Safety Relief Valve 2-71F Leakage	Main Steam Isolation Valve 2-86A Leak-off	D/W HVH Return Duct Air	RPV Bellows Air	S/C Pool Water A	S/C Pool Water B	note
3/30 13:30	76.7		64.4	115.4	73.7	165.0				57.8	90.3	55.9		
3/30 18:20	78.7		52.1	114.2	77.0	164.0				56.7	90.7	55.7		
3/30 18:20		86.8					53.8	98.6	65.1					
3/30 19:00	79.5		49.5	114.5	77.5	164.0				55.7	90.8	55.7		
3/30 23:20	81.5		50.4	113.1	76.3	157.4				49.7	93.4	55.5		
3/30 23:30	82.9	91.2	50.1	113.1	76.1	157.8	53.7	99.1	64.8	43.1	93.2			
3/30 23:50	83.5		50.5	113.2	76.9	158.3				39.1	93.7	55.5		
3/31 4:10	85.0		50.7	113.8	77.0	156.5				69.2	95.3	55.4		
3/31 4:20	87.8	90.9	50.5	113.9	76.8	156.1	58.9	98.9	64.6	69.3	95.3			
3/31 4:40	88.5		53.7	114.2	76.6	157.7				69.7	93.7	55.3		
3/31 9:40	88.6		57.4	114.4	78.0	155.5				73.8	96.7	55.2		
3/31 9:40		92.2					70.3	98.7	64.6					
3/31 16:10	93.4		52.5	115.0	80.2	156.2				72.4	99.0	55.0		
3/31 16:10		97.0					70.9	98.6	65.0					
3/31 16:45	93.0		53.2	115.4	80.2	155.4				72.8	98.9	55.0		
3/31 19:00	92.2		53.8	114.8	81.5	157.2				72.6	97.8	54.9		
3/31 19:00		97.8					73.8	96.9	64.4					
3/31 19:30	93.9		54.7	114.6	81.3	161.2				73.1	109.8	54.9		
3/31 19:50	94.4		55.3	114.1	80.9	163.5				73.6	104.2	54.9		