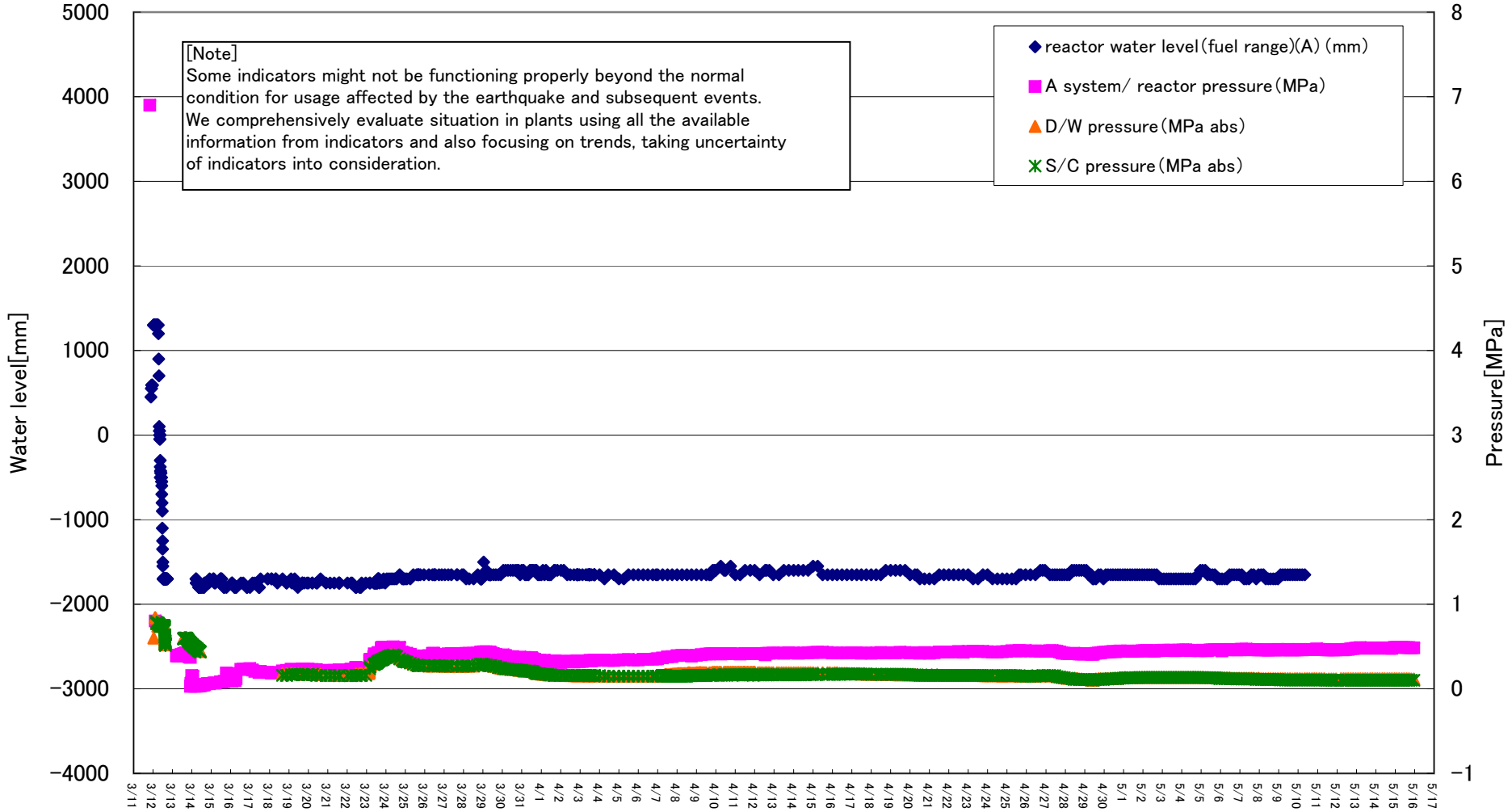
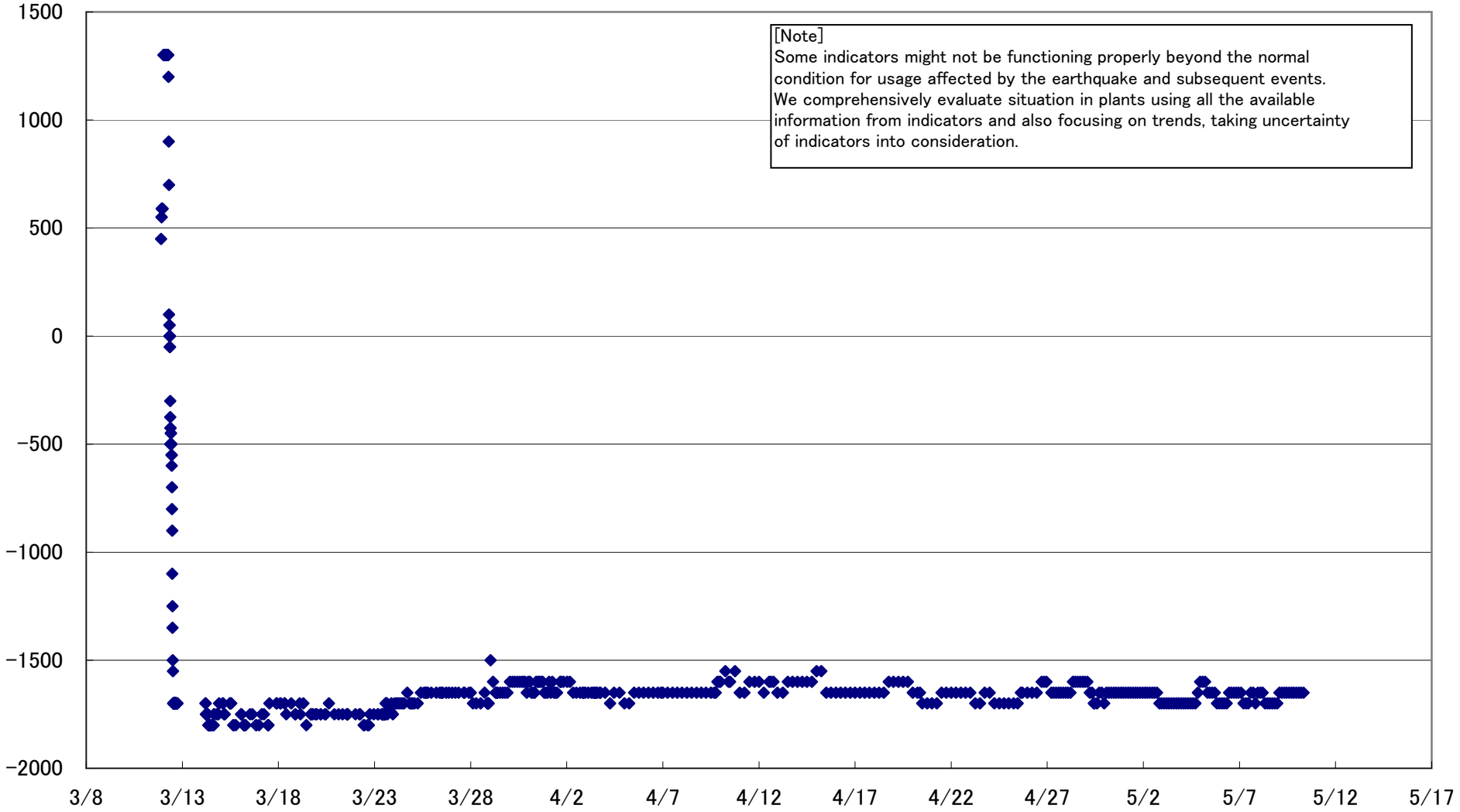
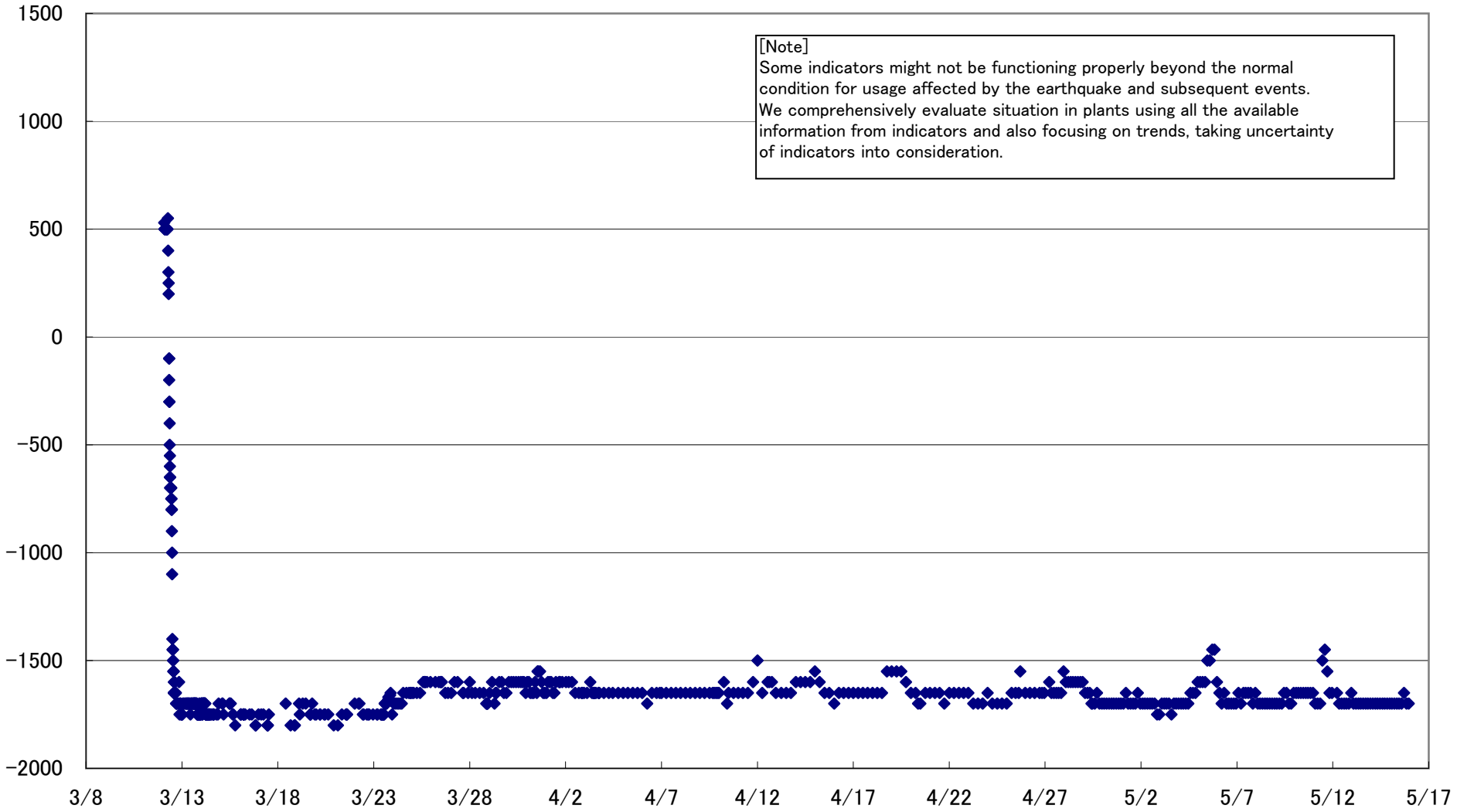
Fukushima Daiichi Nuclear Power Station Unit 1 Parameters of Water level and Pressure



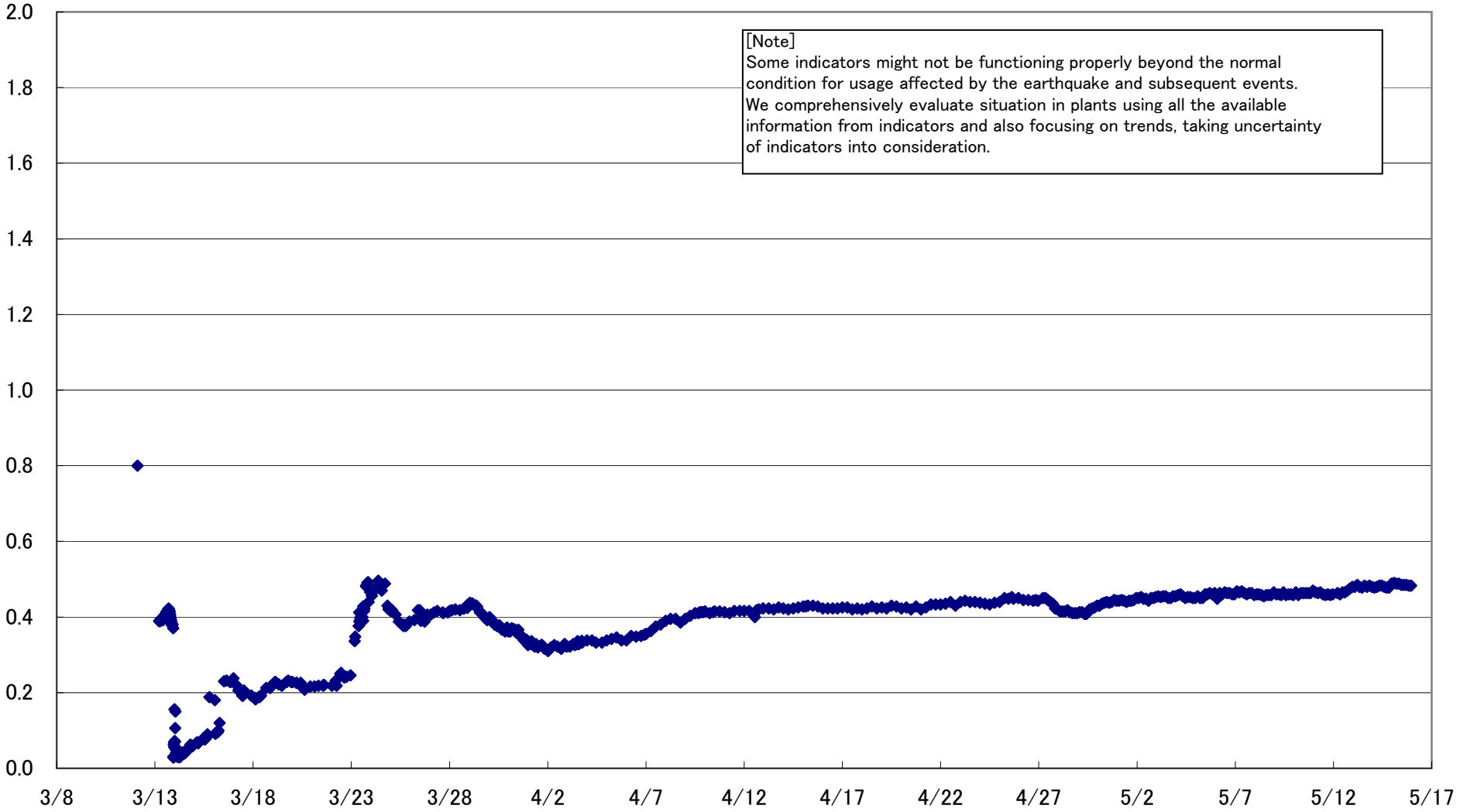
1F1 reactor water level(fuel range)(A) (mm)



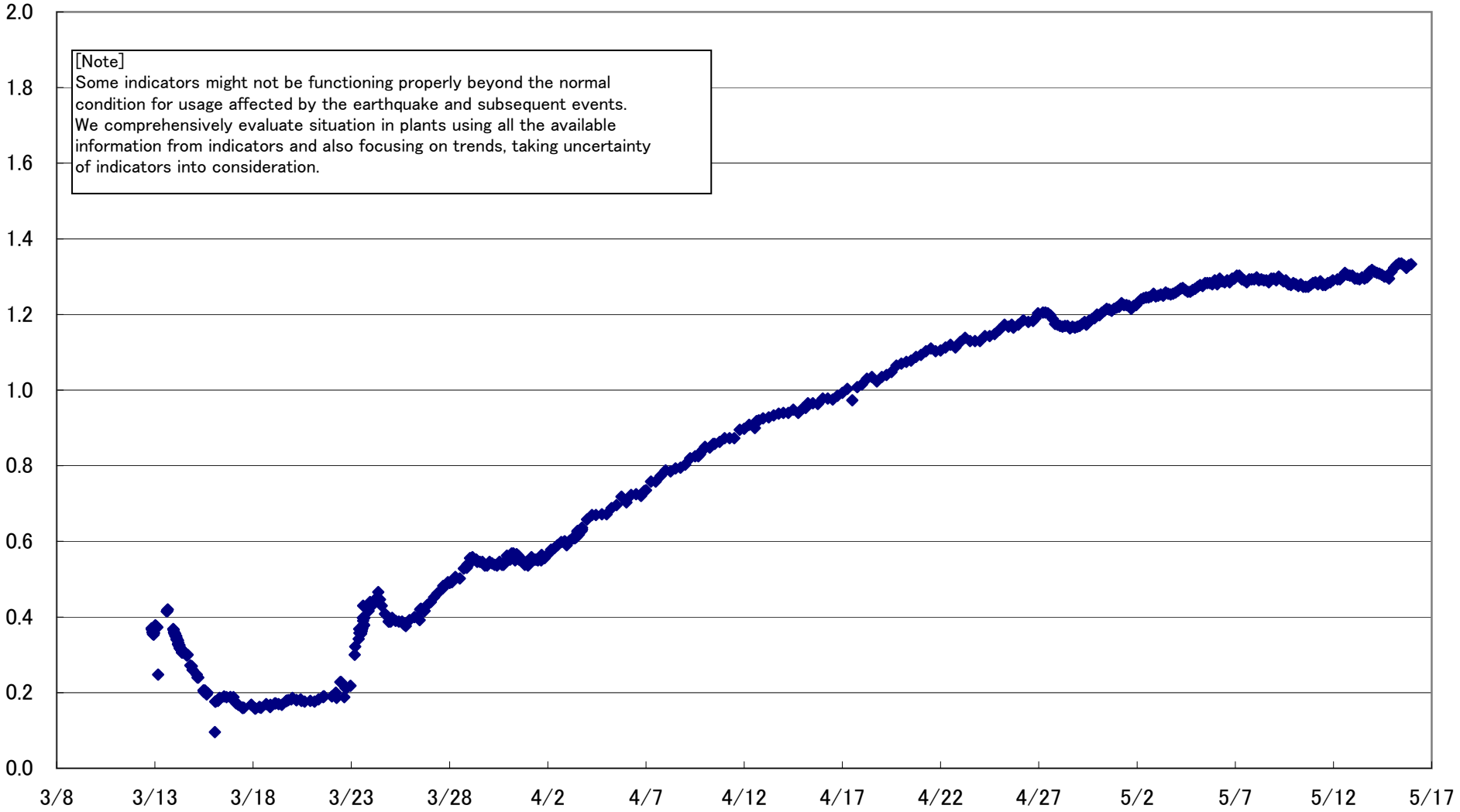
1F1 reactor water level(fuel range)(B) (mm)



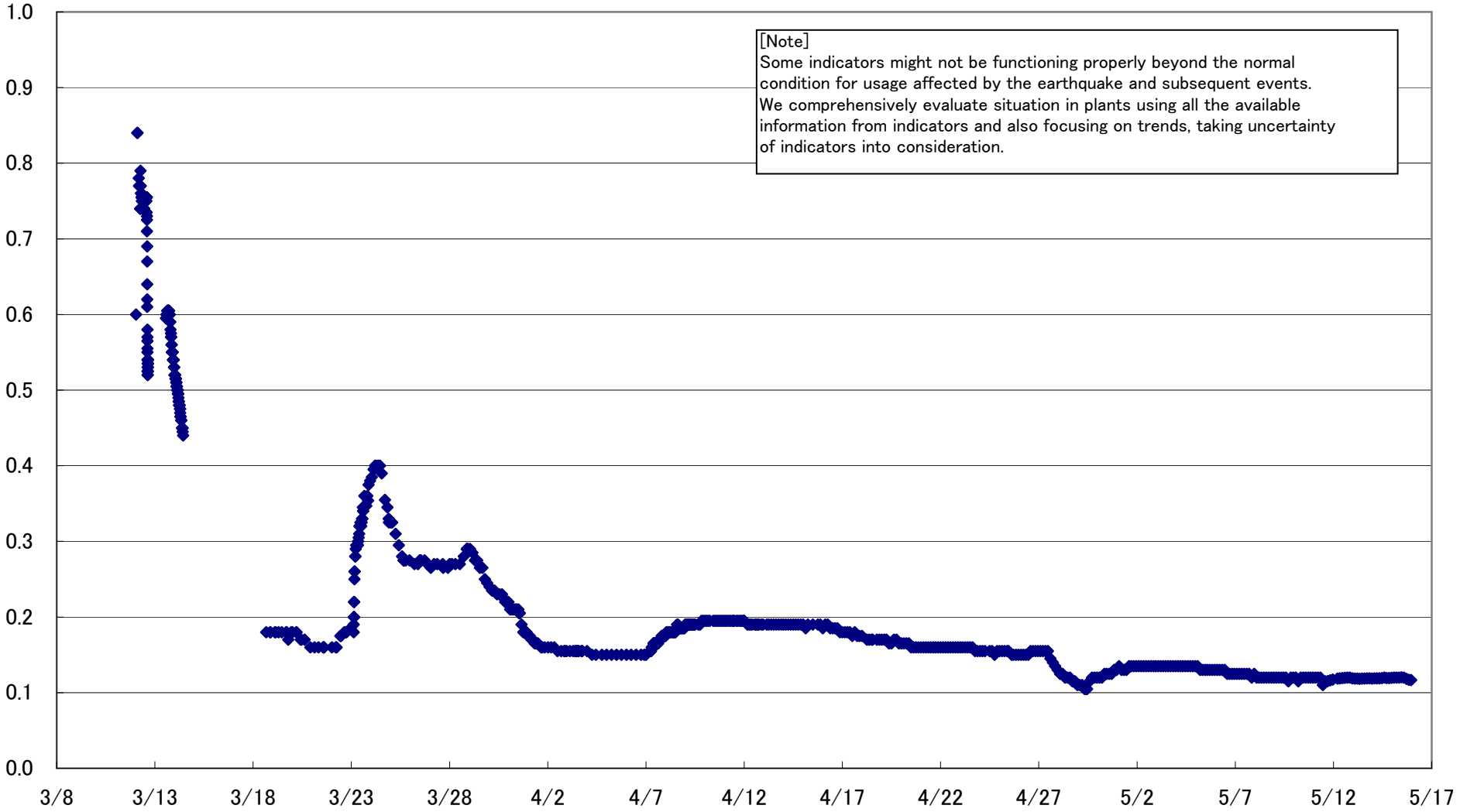
1F1 A system/ reactor pressure (MPa)

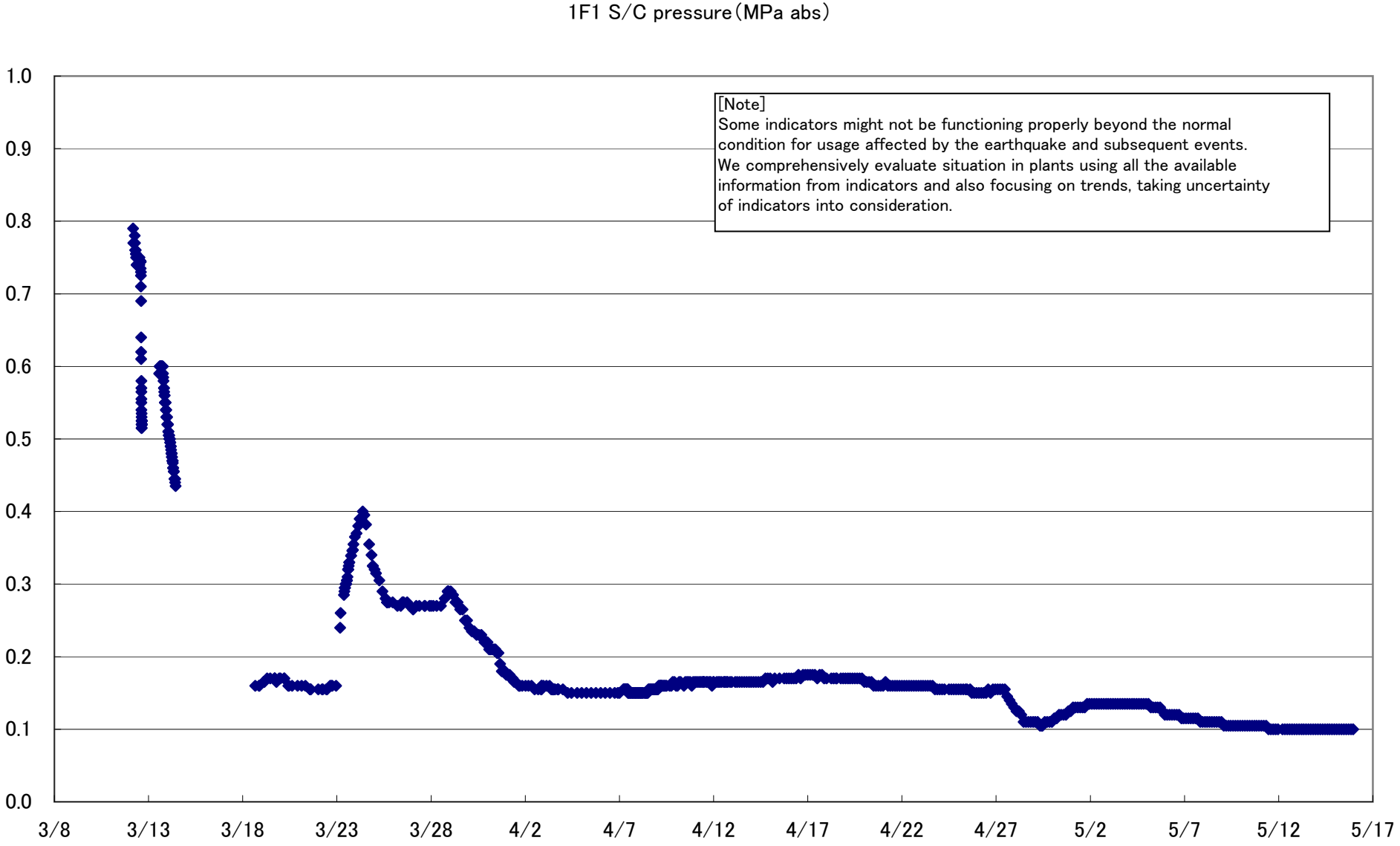


1F1 B system/ reactor pressure（MPa）

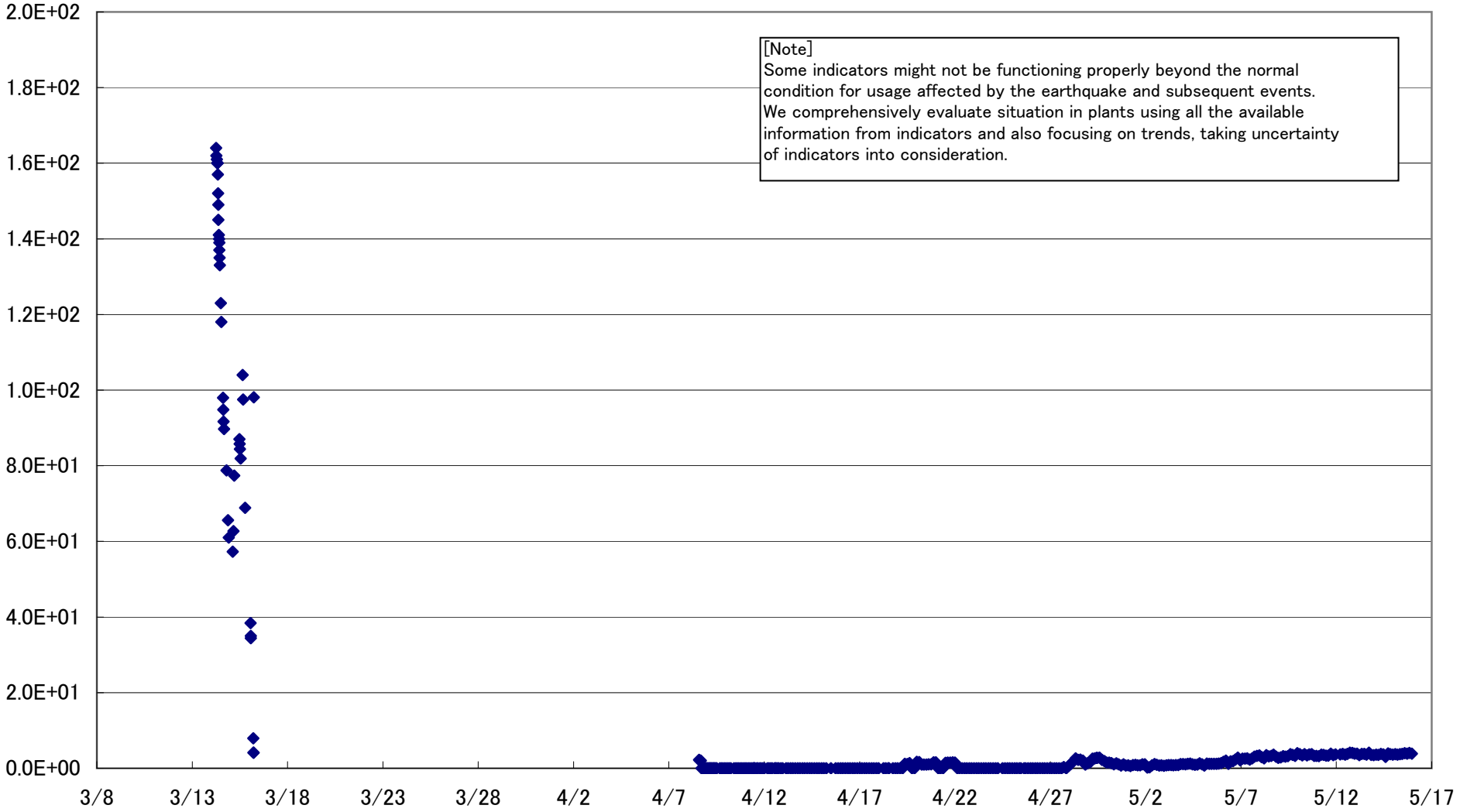


1F1 D/W pressure (MPa abs)

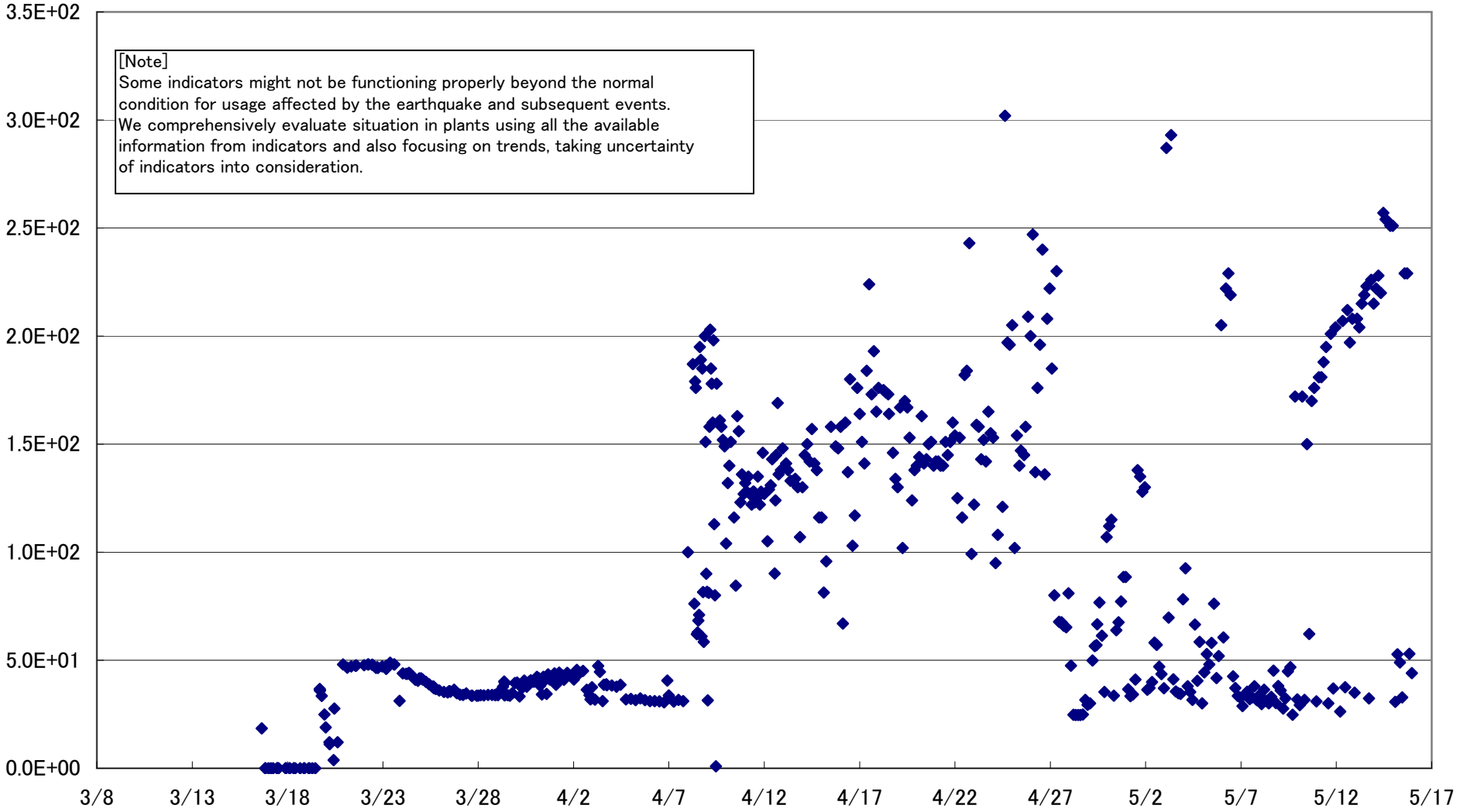



1F1 S/C pressure（MPa abs）
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
3/8
3/13
3/18
3/23
3/28
4/2
4/7
4/12
4/17
4/22
4/27
5/2
5/7
5/12
5/17

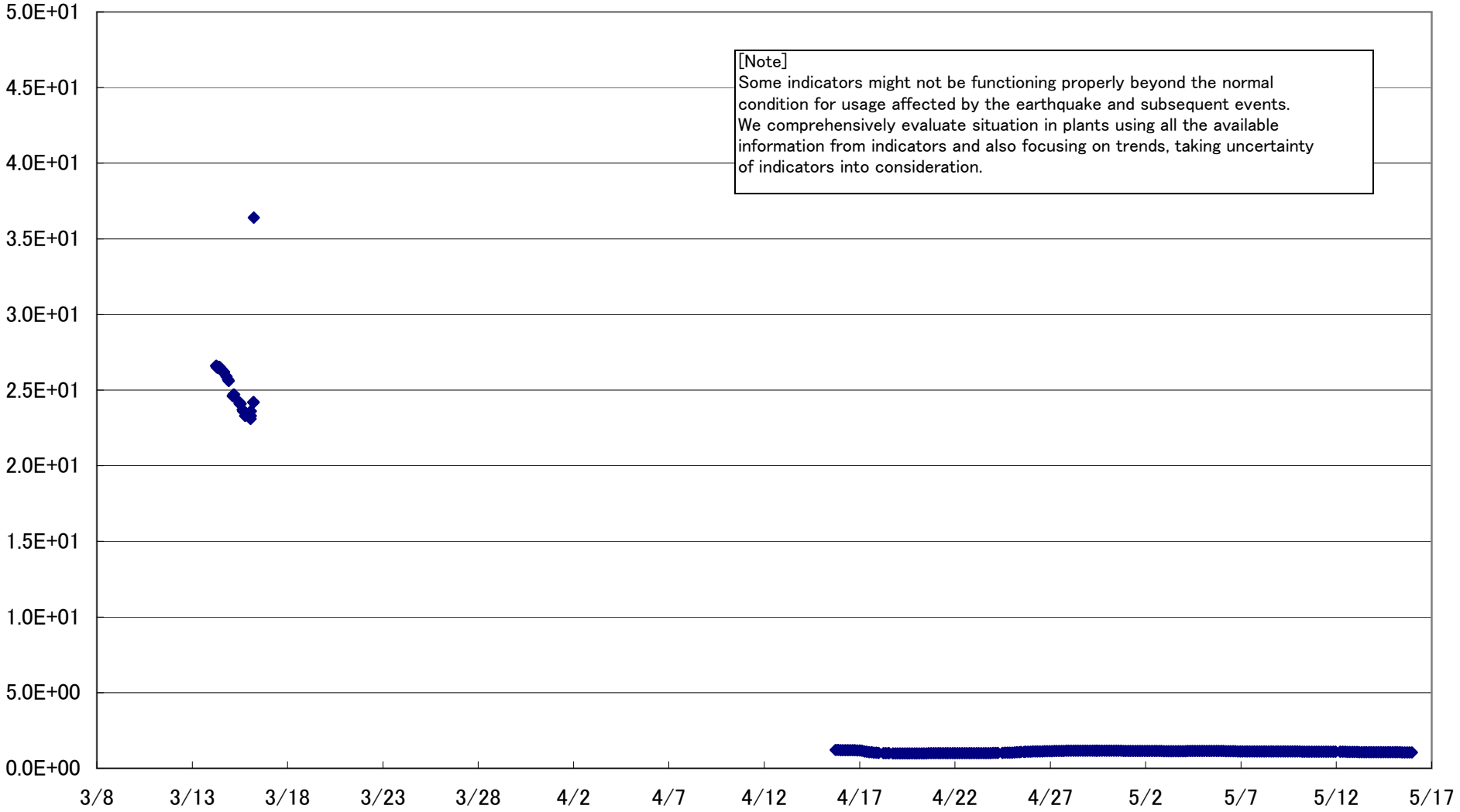
1F1 CAMS D/W(A) (Sv/h)



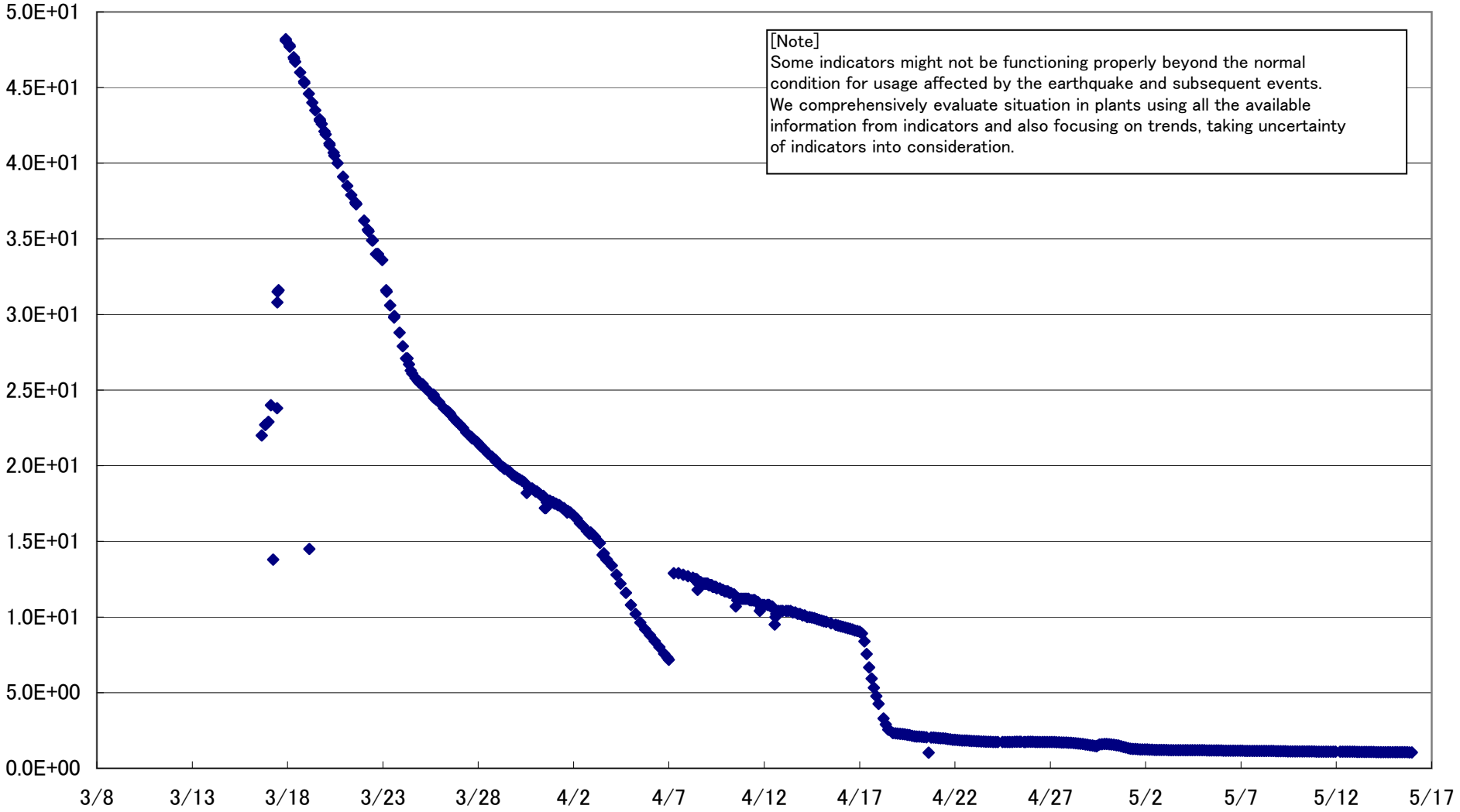
1F1 CAMS D/W(B) (Sv/h)



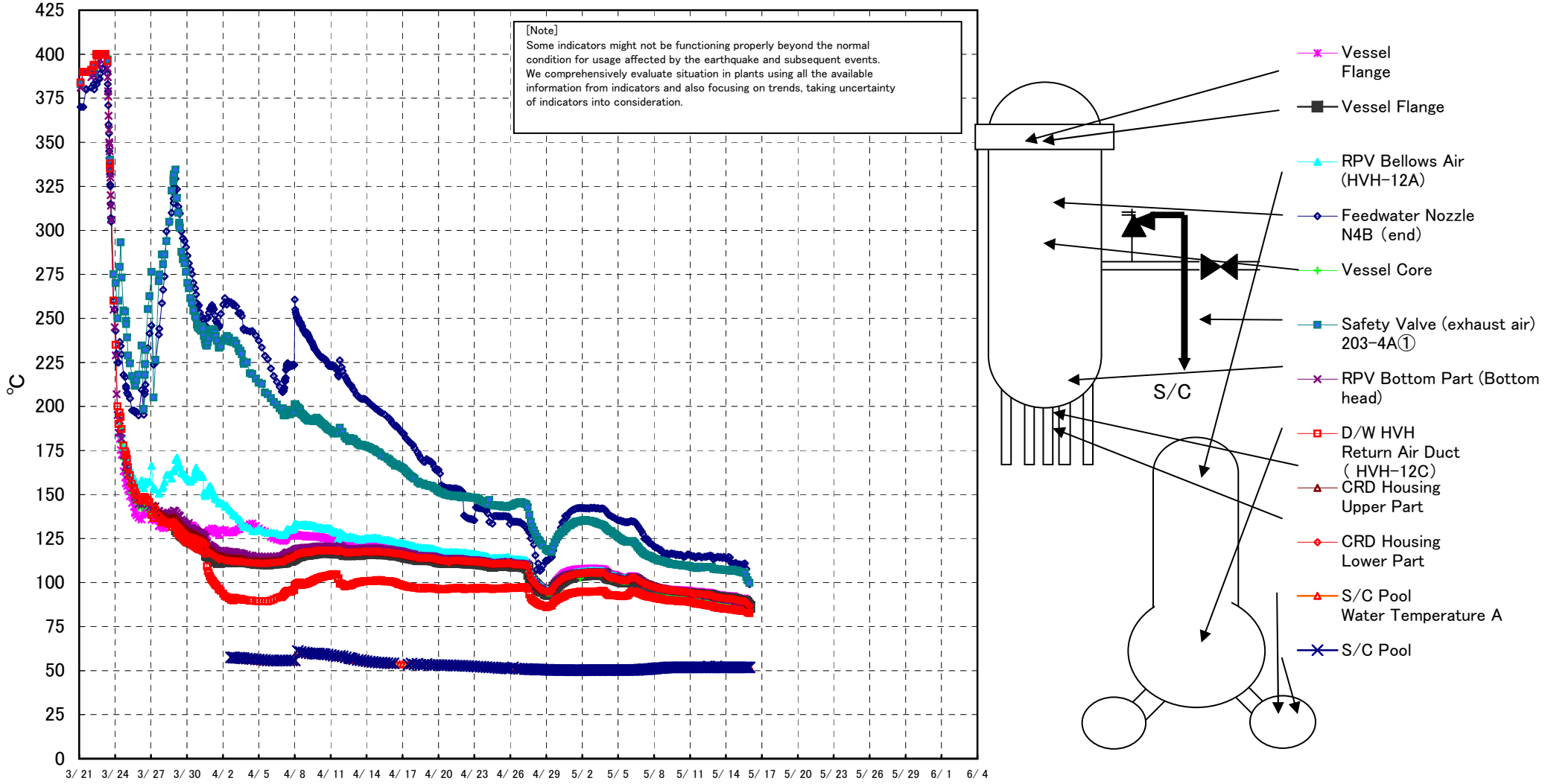
1F1 CAMS S/C(A) (Sv/h)



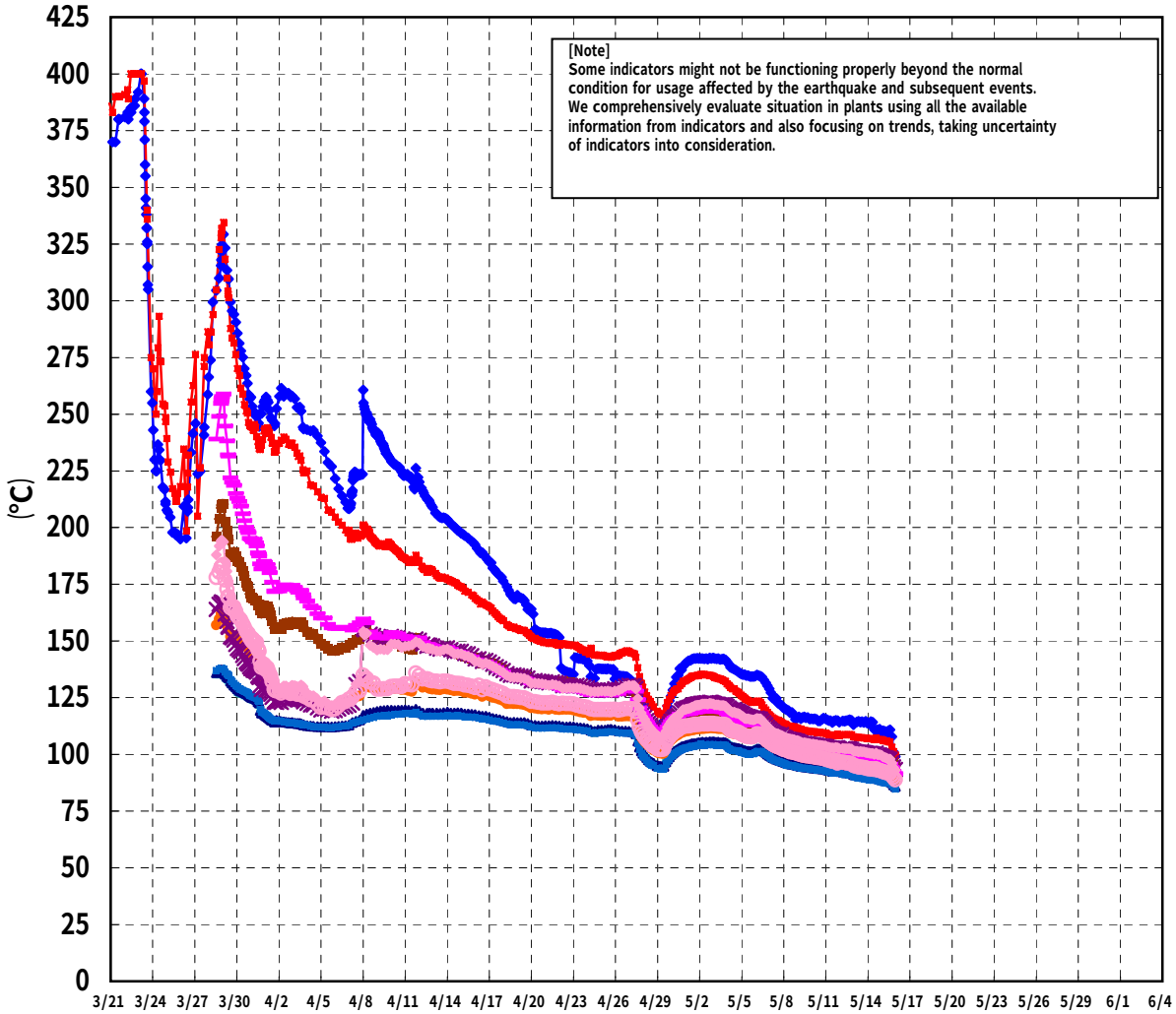
1F1 CAMS S/C(B) (Sv/h)



Fukushima Daiichi Nuclear Power Station Unit 1 Parameters of Temperature (Typical Points)

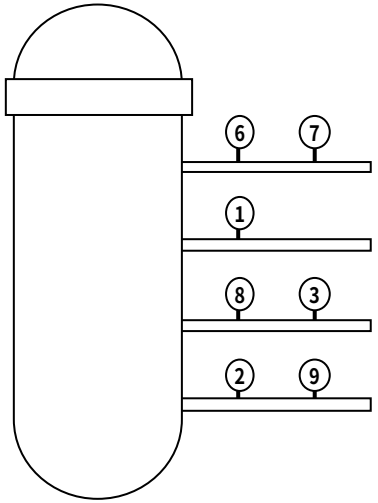


Fukushima Daiichi Nuclear Power Station Unit 1 Parameters of Temperature (Feedwater Nozzle and Safety Valve (Exhaust Air))



[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.

Continuously measured temperatures of feedwater nozzle, N48, and safety valve (exhaust air), 203-4A, have been rising since March 27. In order to compare them with other similar points, some measurement points have been added since 12:30 of March 28.



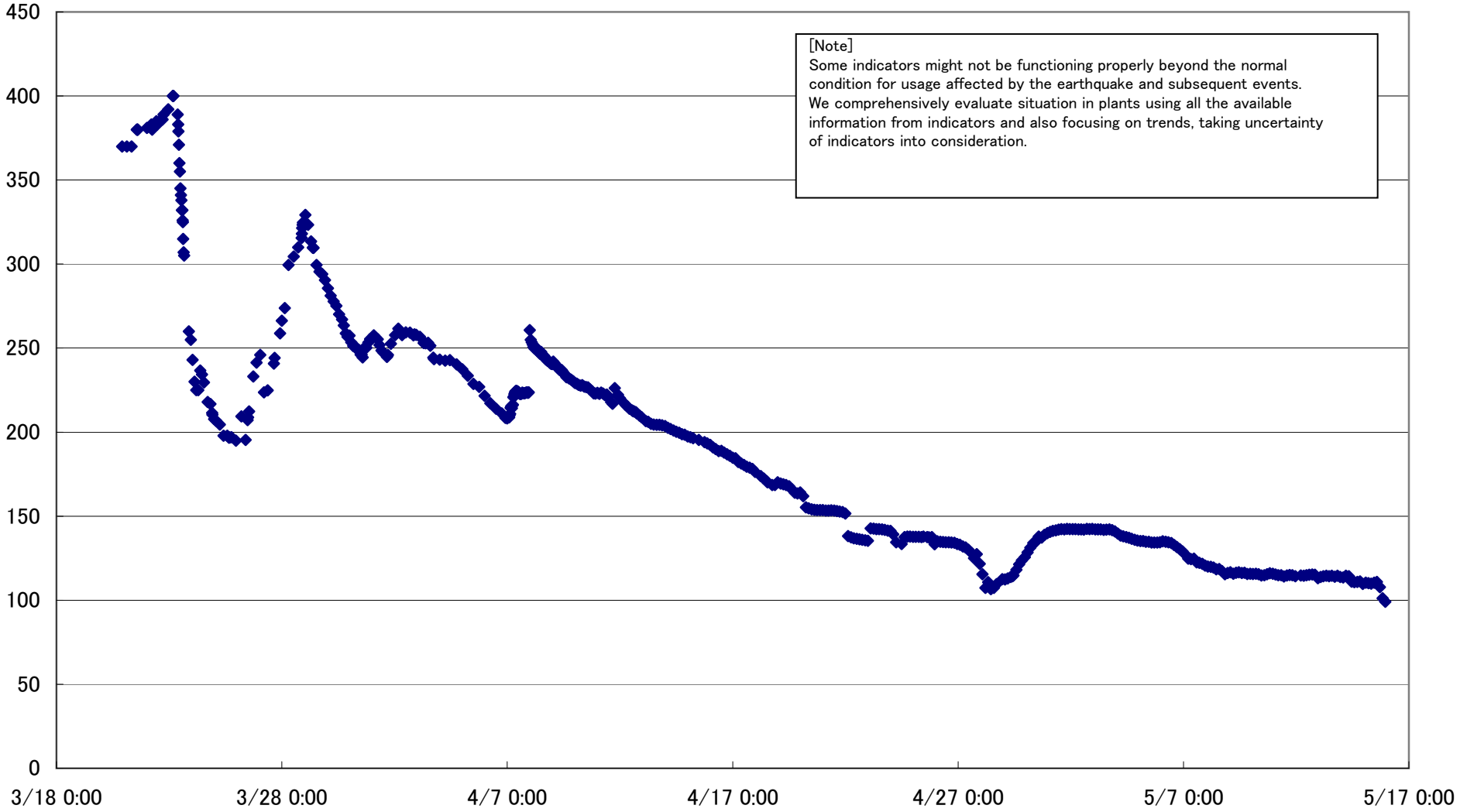
- Feedwater Nozzle N4B (end)
- Feedwater Nozzle N4B (inside)
- Feedwater Nozzle N4C (end)
- Feedwater Nozzle N4C (inside)
- Safety Valve (exhaust air) 203-4A①
- Safety Valve (exhaust air) 203-4B③
- Safety Valve (exhaust air) 203-4C②

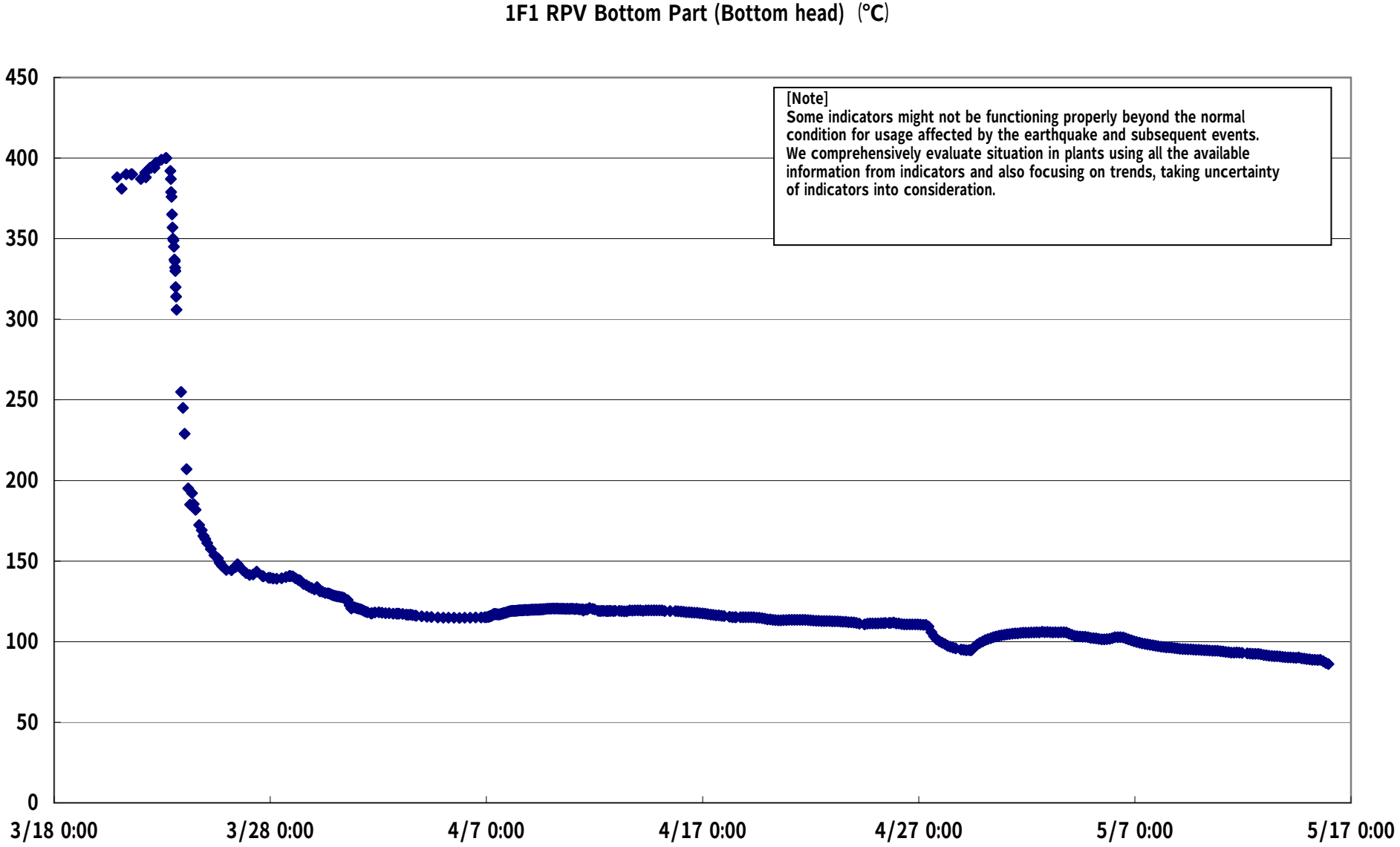
exhaust air to D/W

- SR Valve (exhaust air) 203-3A⑥
- SR Valve (exhaust air) 203-3B⑦
- SR Valve (exhaust air) 203-3C⑧
- SR Valve (exhaust air) 203-3D⑨

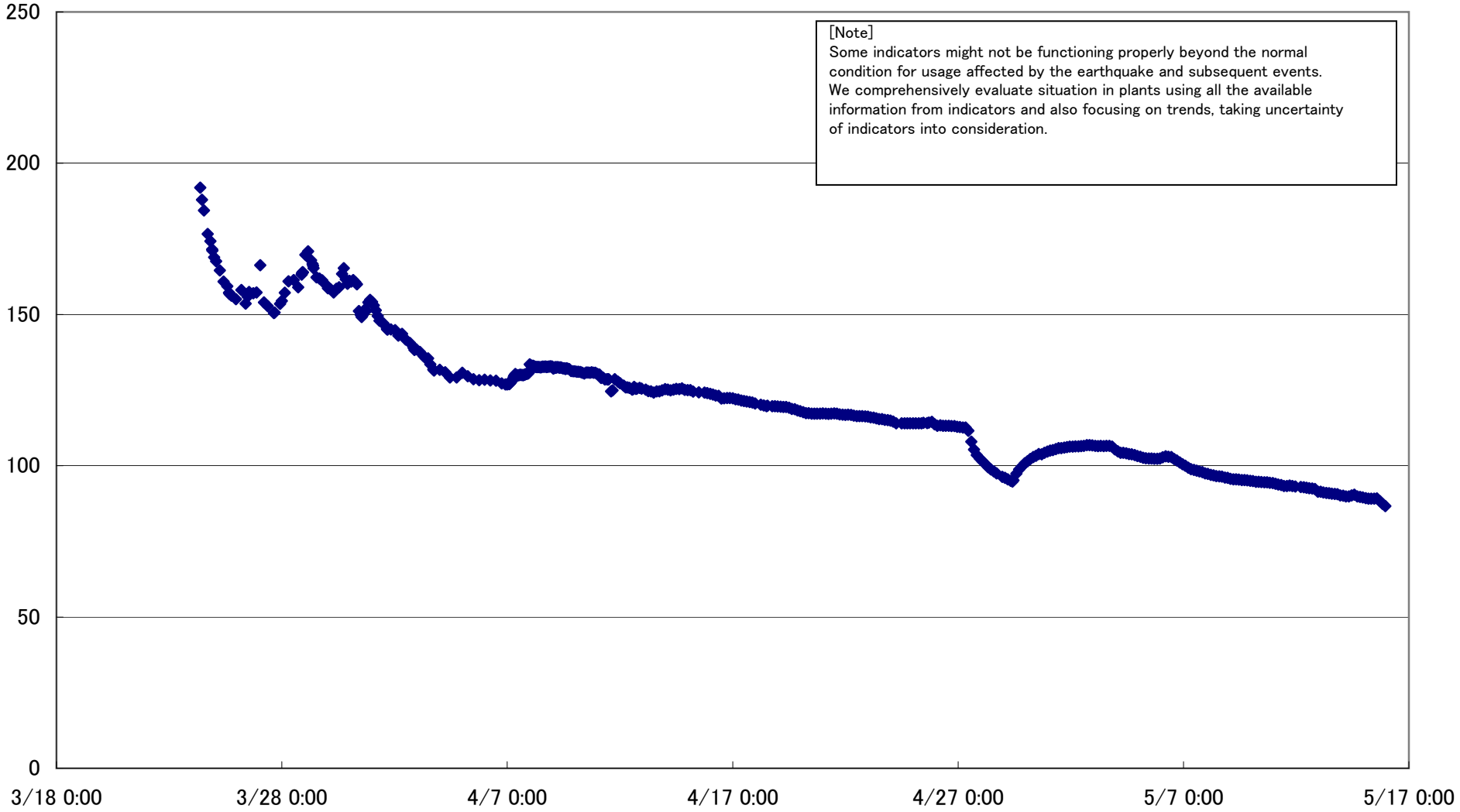
exhaust air to S/C

1F1 Feedwater Nozzle N4B (end) (℃)

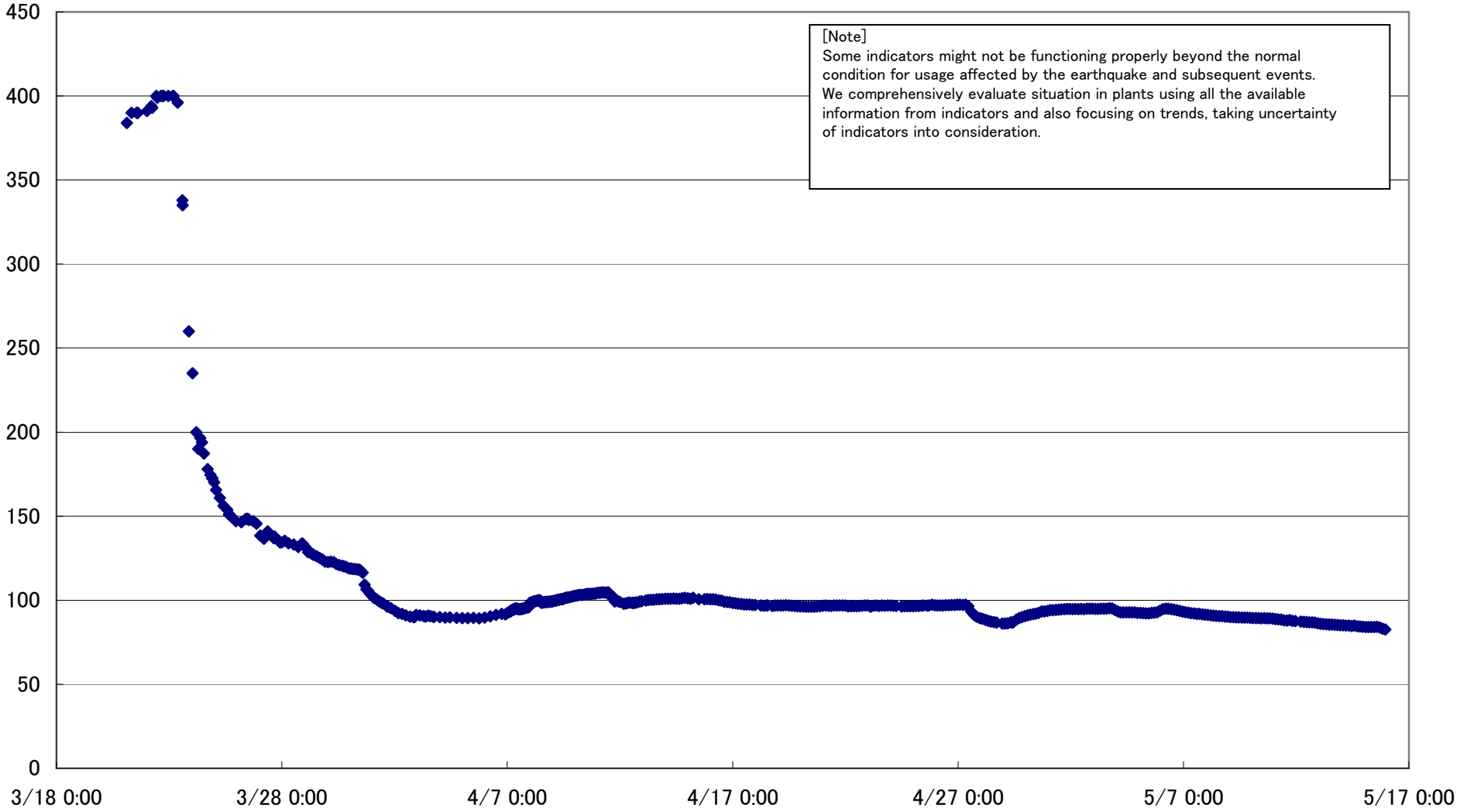


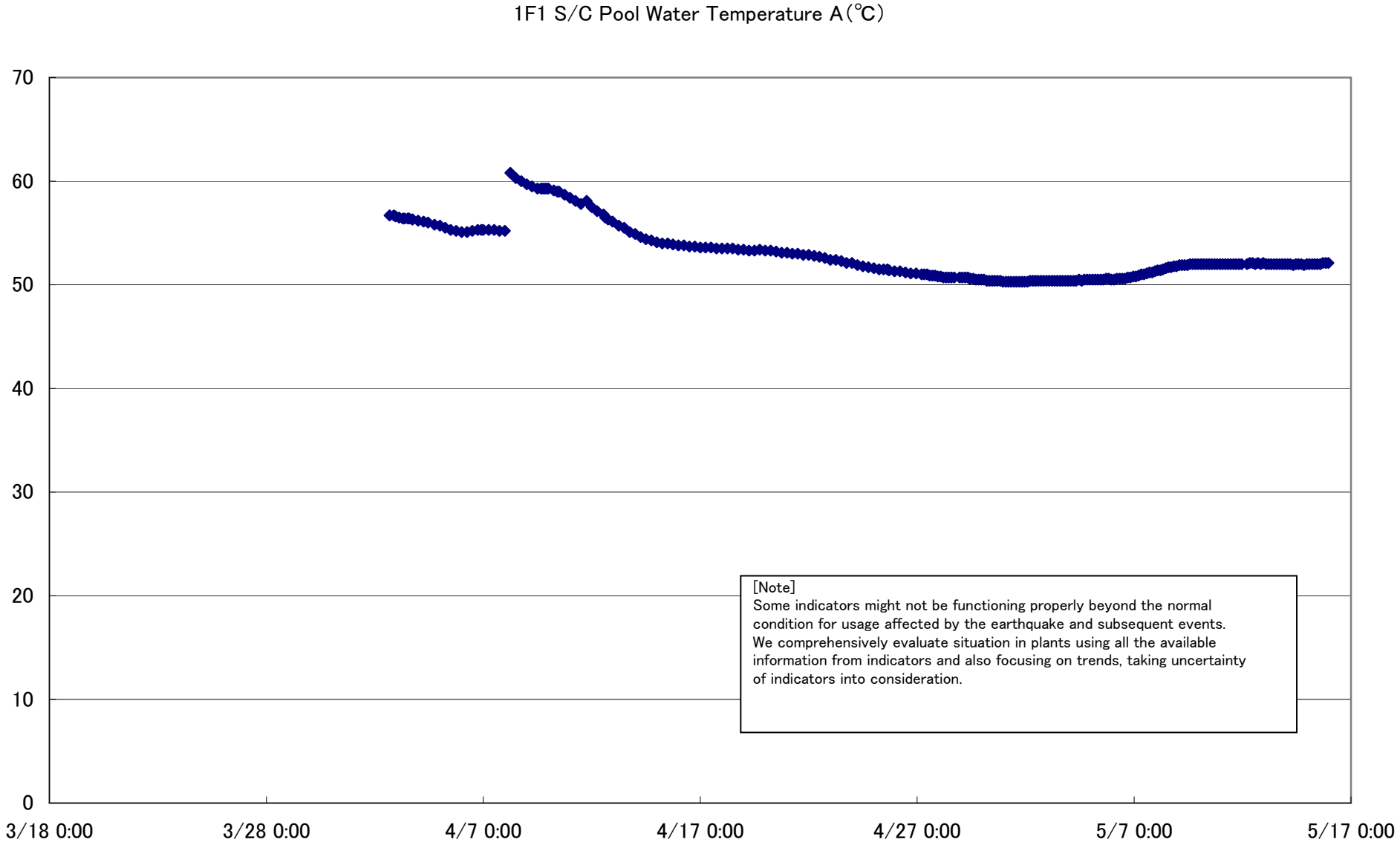

1F1 RPV Bottom Part (Bottom head) (°C)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
450
400
350
300
250
200
150
100
50
0
3/18 0:00
3/28 0:00
4/7 0:00
4/17 0:00
4/27 0:00
5/7 0:00
5/17 0:00

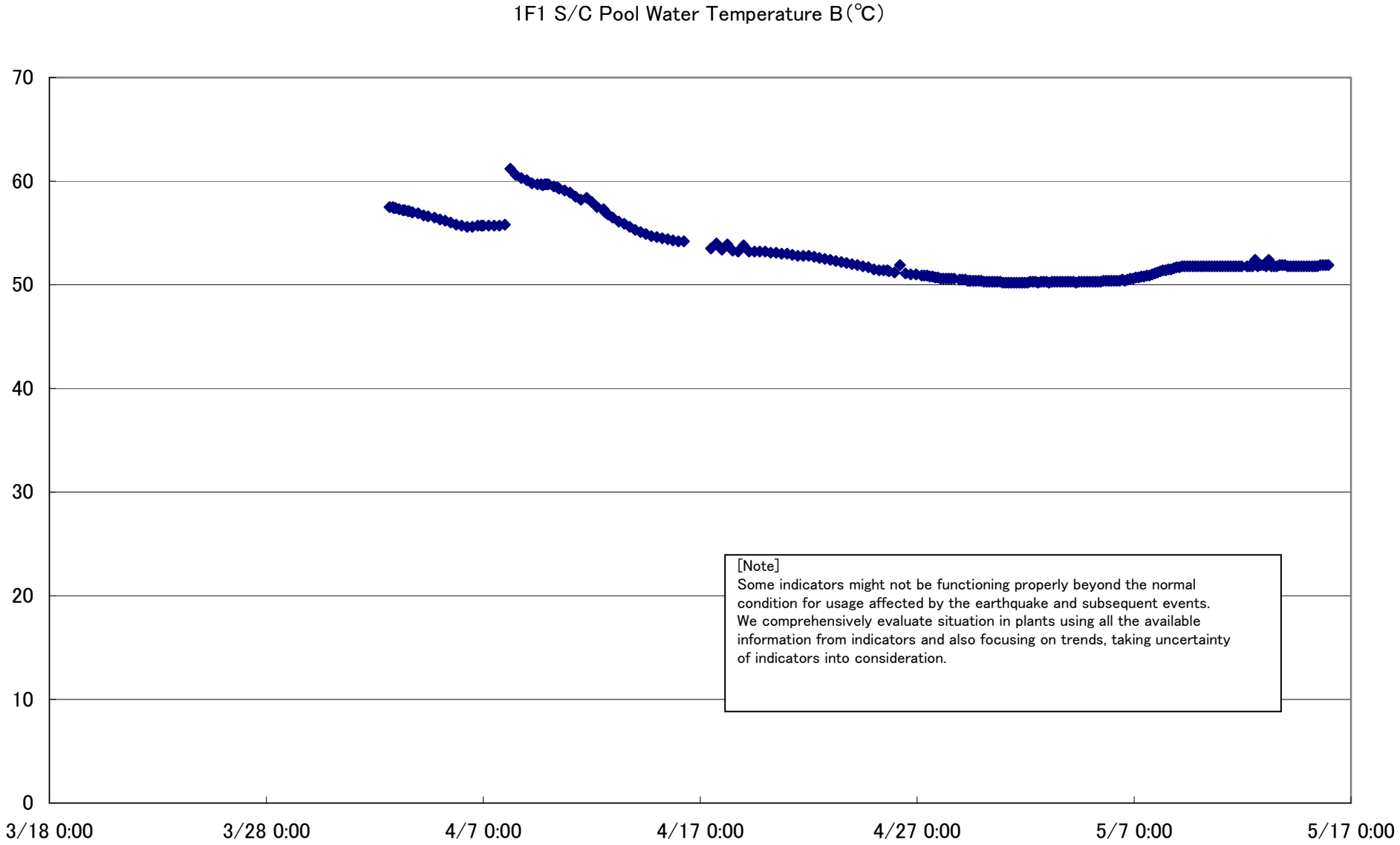
1F1 RPV Bellows Air (HVH-12A)(℃)



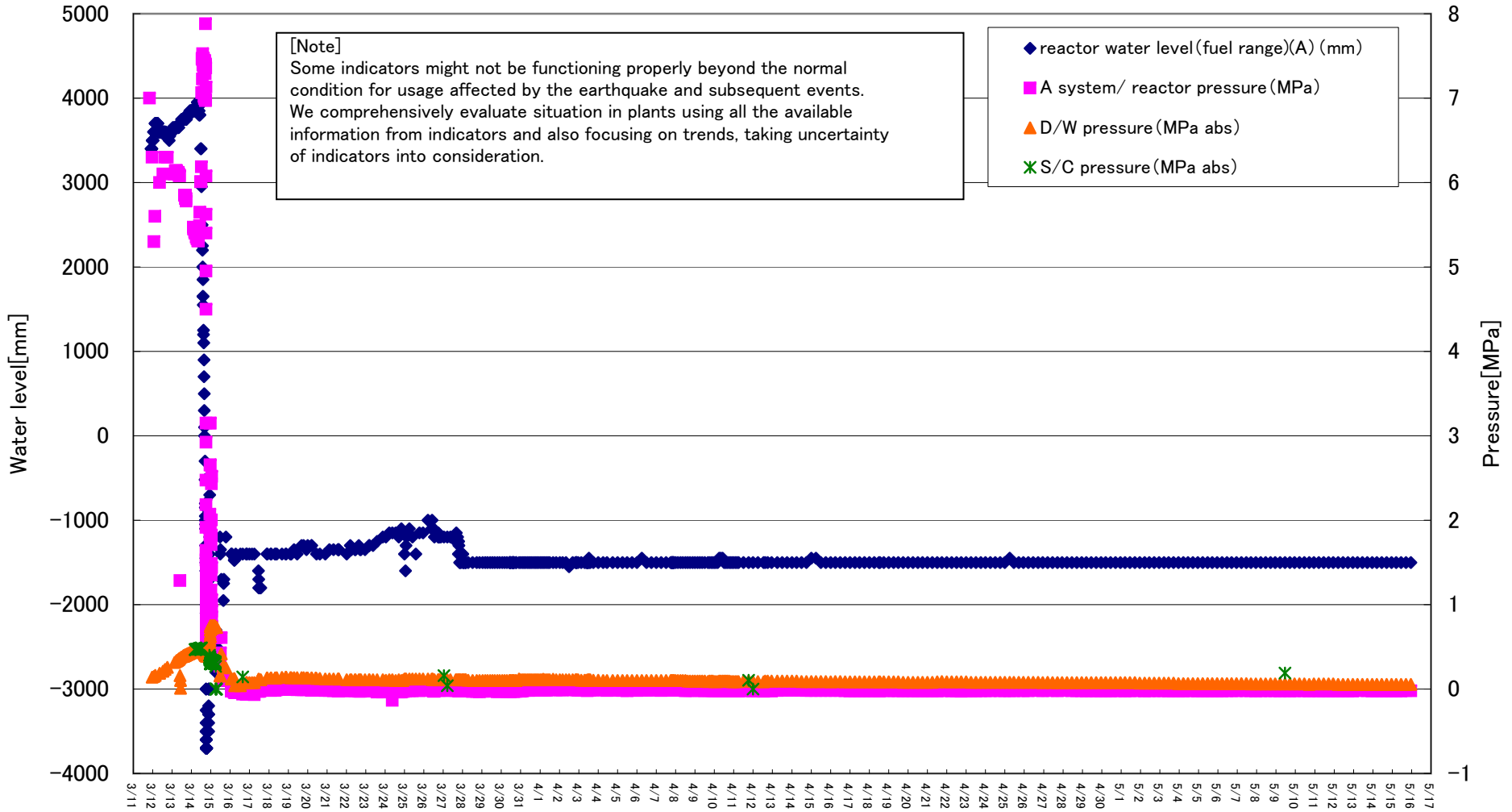
1F1 D/W HVH Return Air Duct (HVH-12C) (℃)



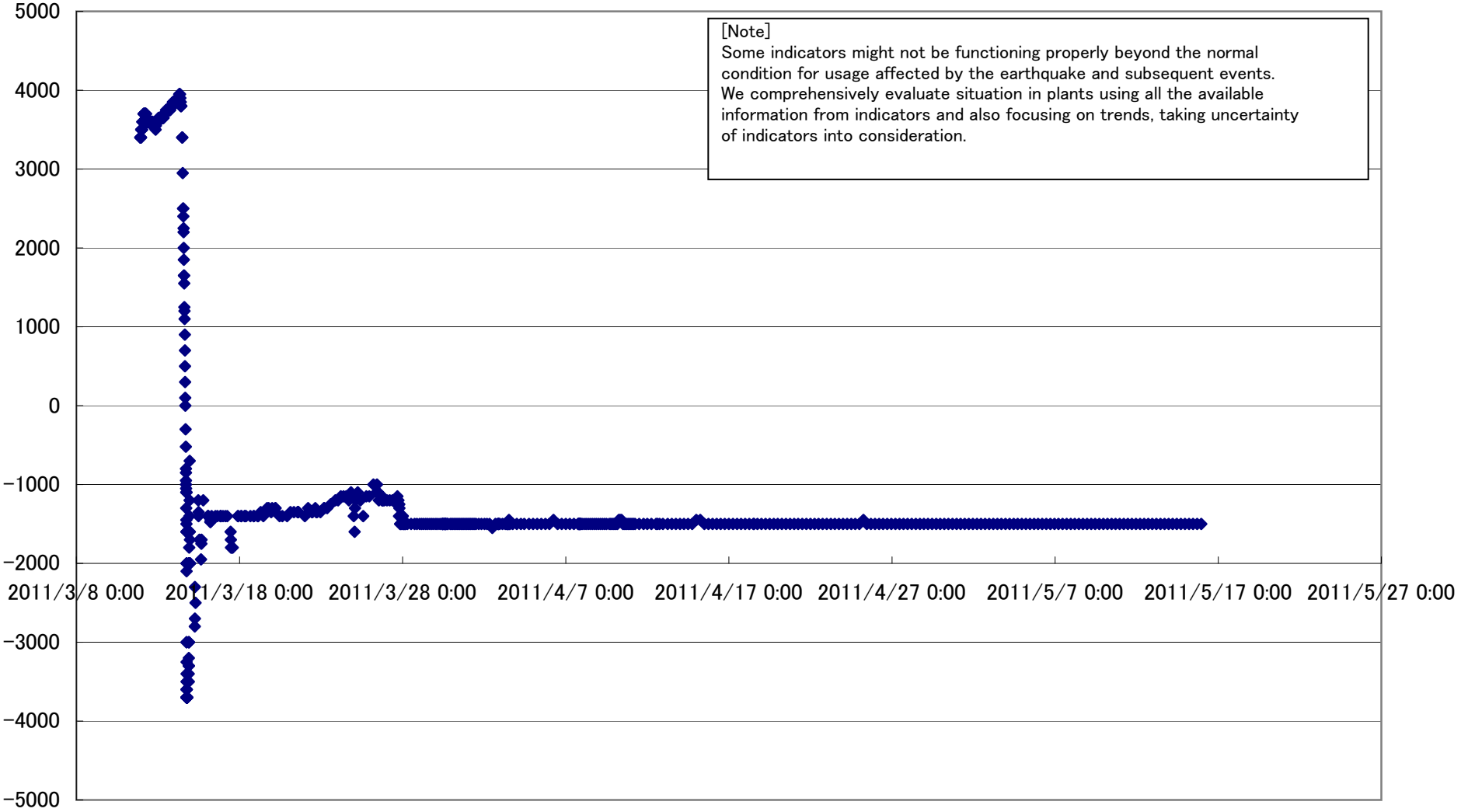

1F1 S/C Pool Water Temperature A(℃)
70
60
50
40
30
20
10
0
3/18 0:00
3/28 0:00
4/7 0:00
4/17 0:00
4/27 0:00
5/7 0:00
5/17 0:00
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.


1F1 S/C Pool Water Temperature B(℃)
70
60
50
40
30
20
10
0
3/18 0:00
3/28 0:00
4/7 0:00
4/17 0:00
4/27 0:00
5/7 0:00
5/17 0:00
[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.

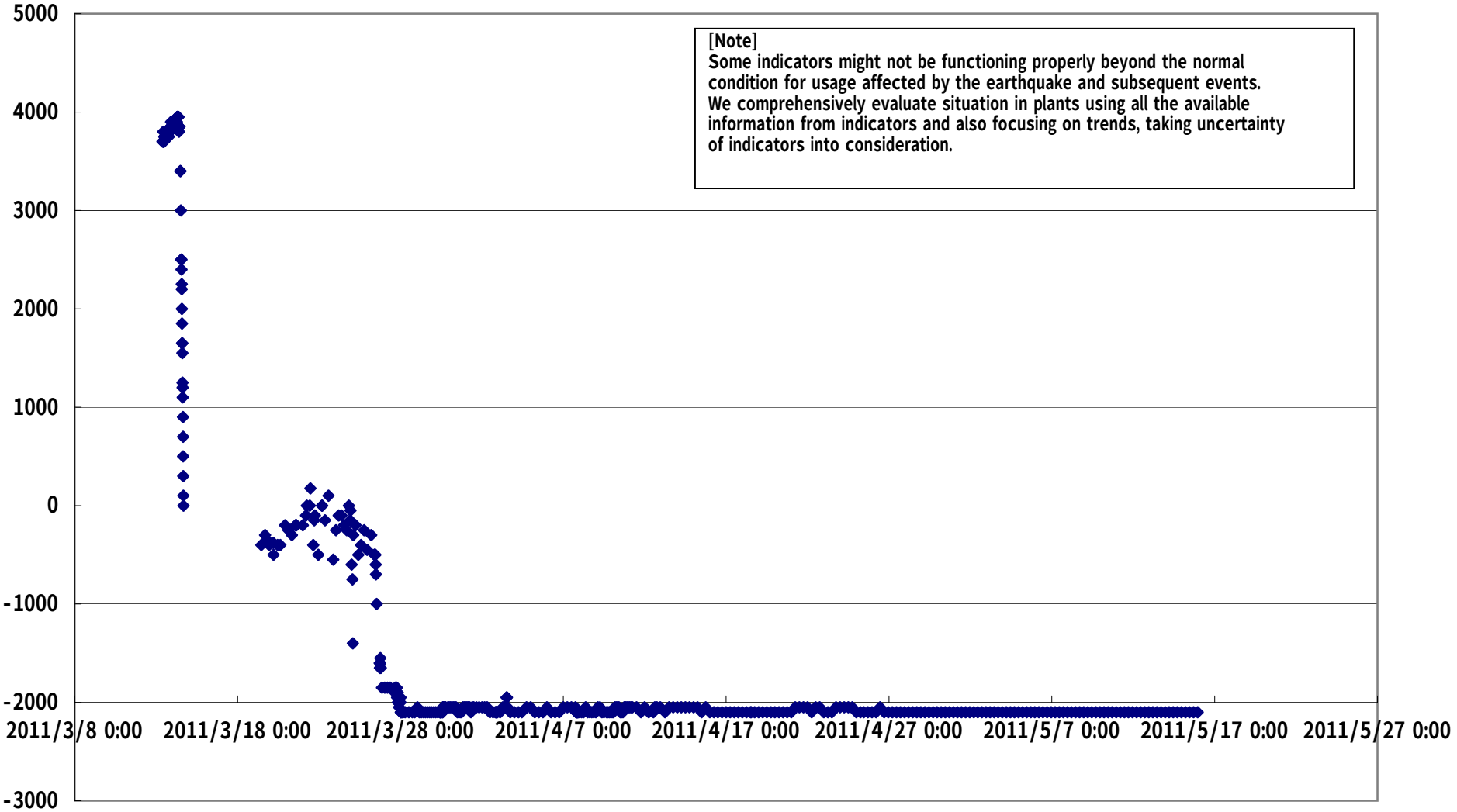
Fukushima Daiichi Nuclear Power Station Unit 2 Parameters of Water level and Pressure

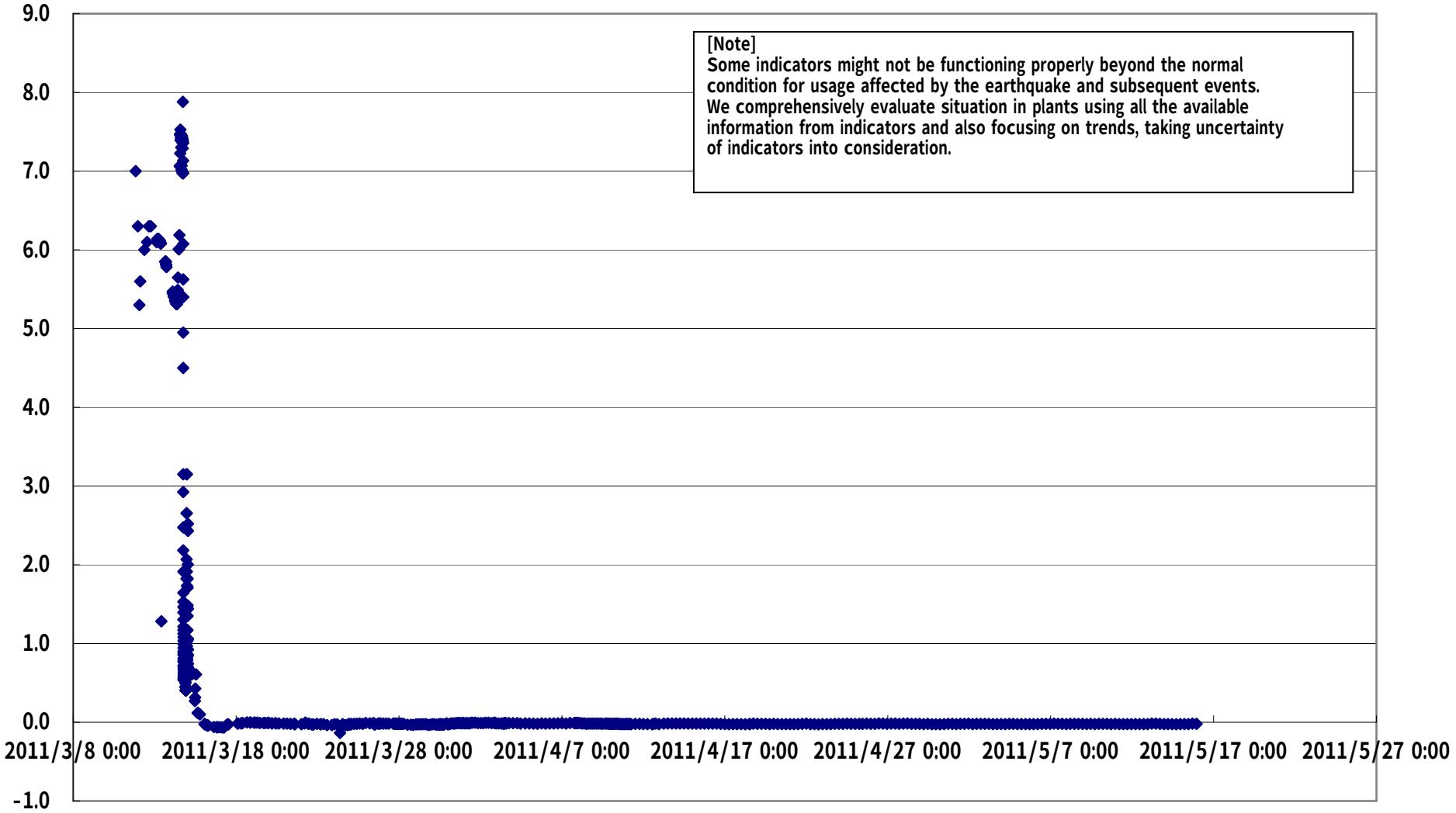


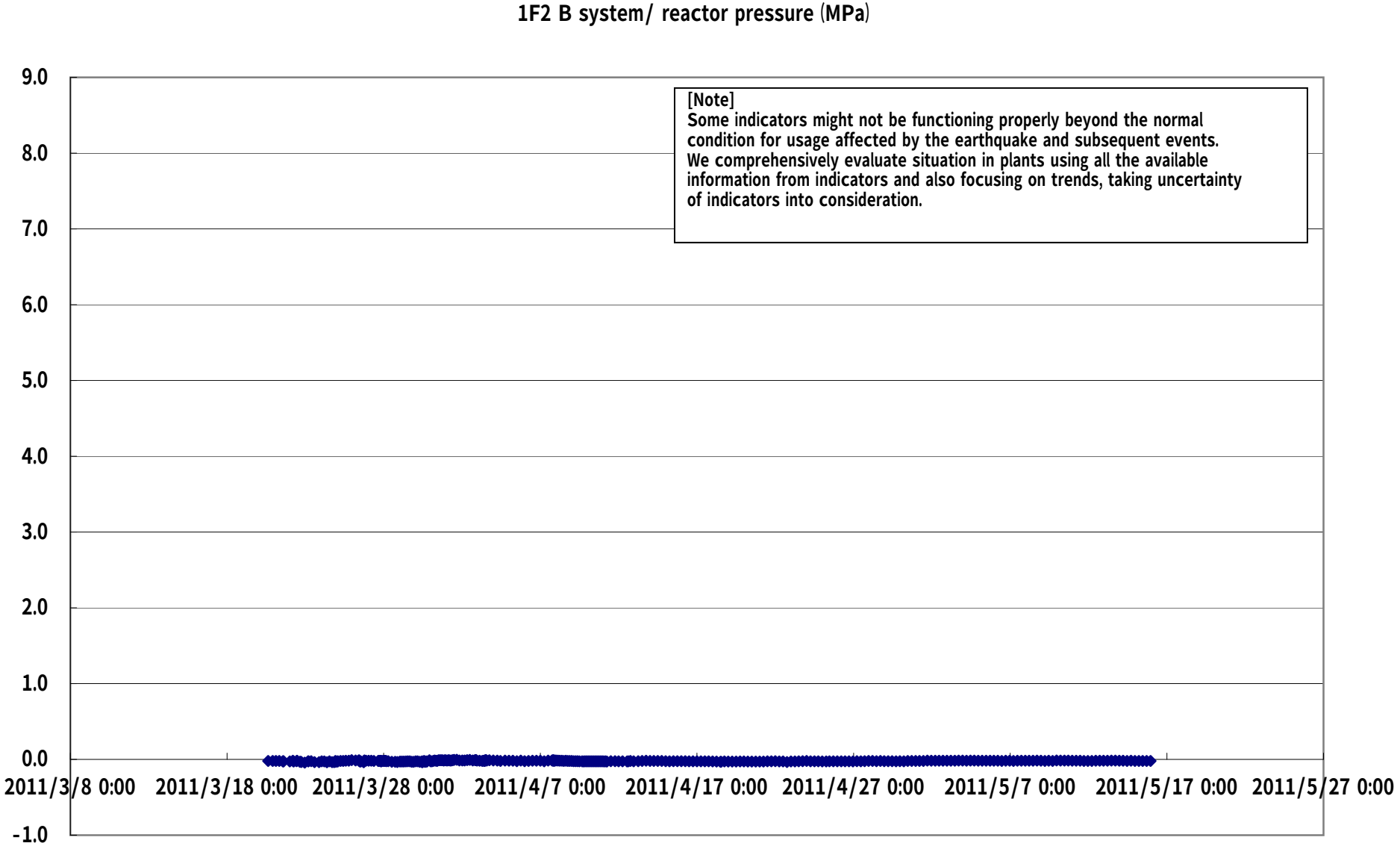
1F2 reactor water level (fuel range)(A) (mm)

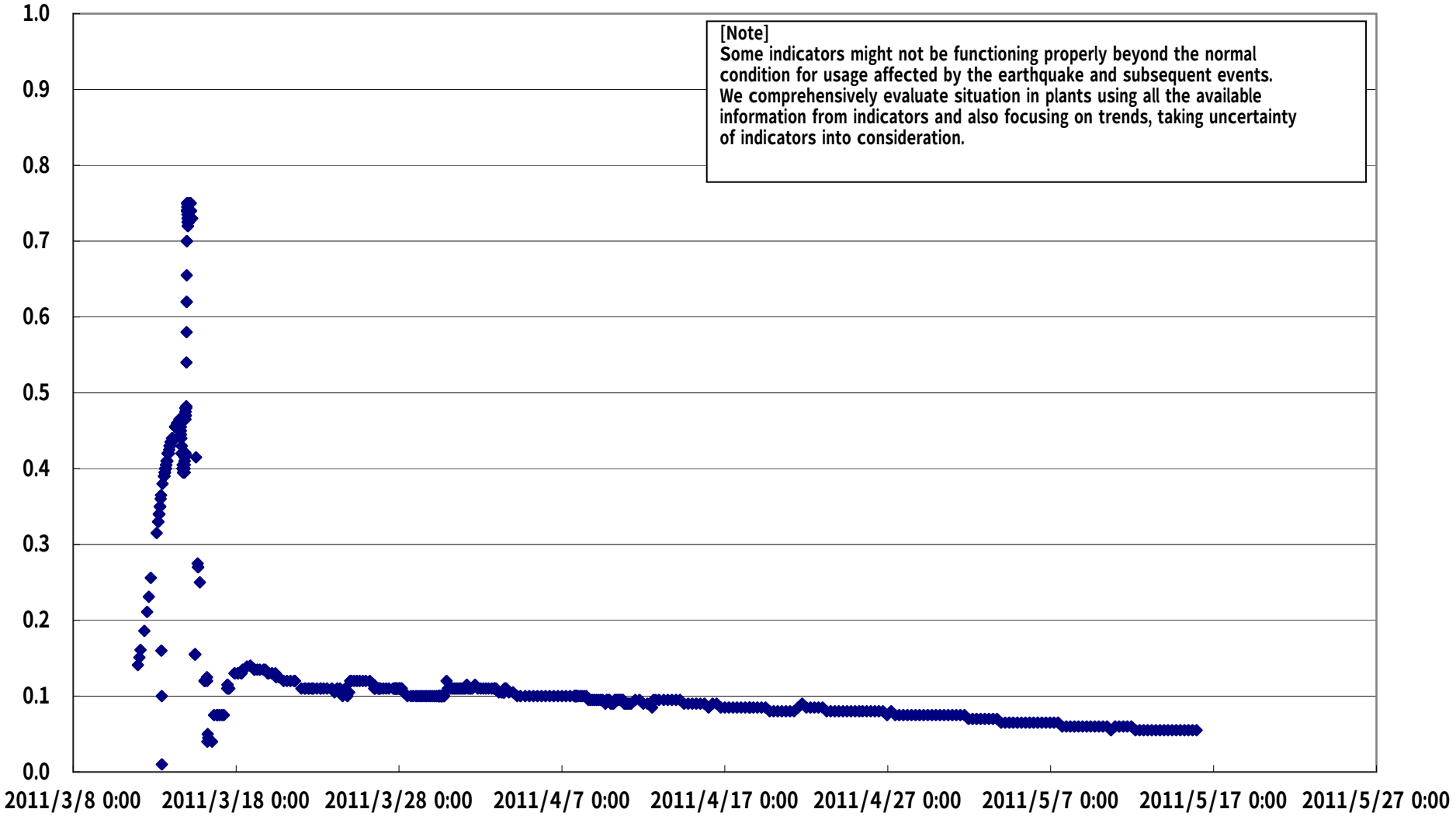


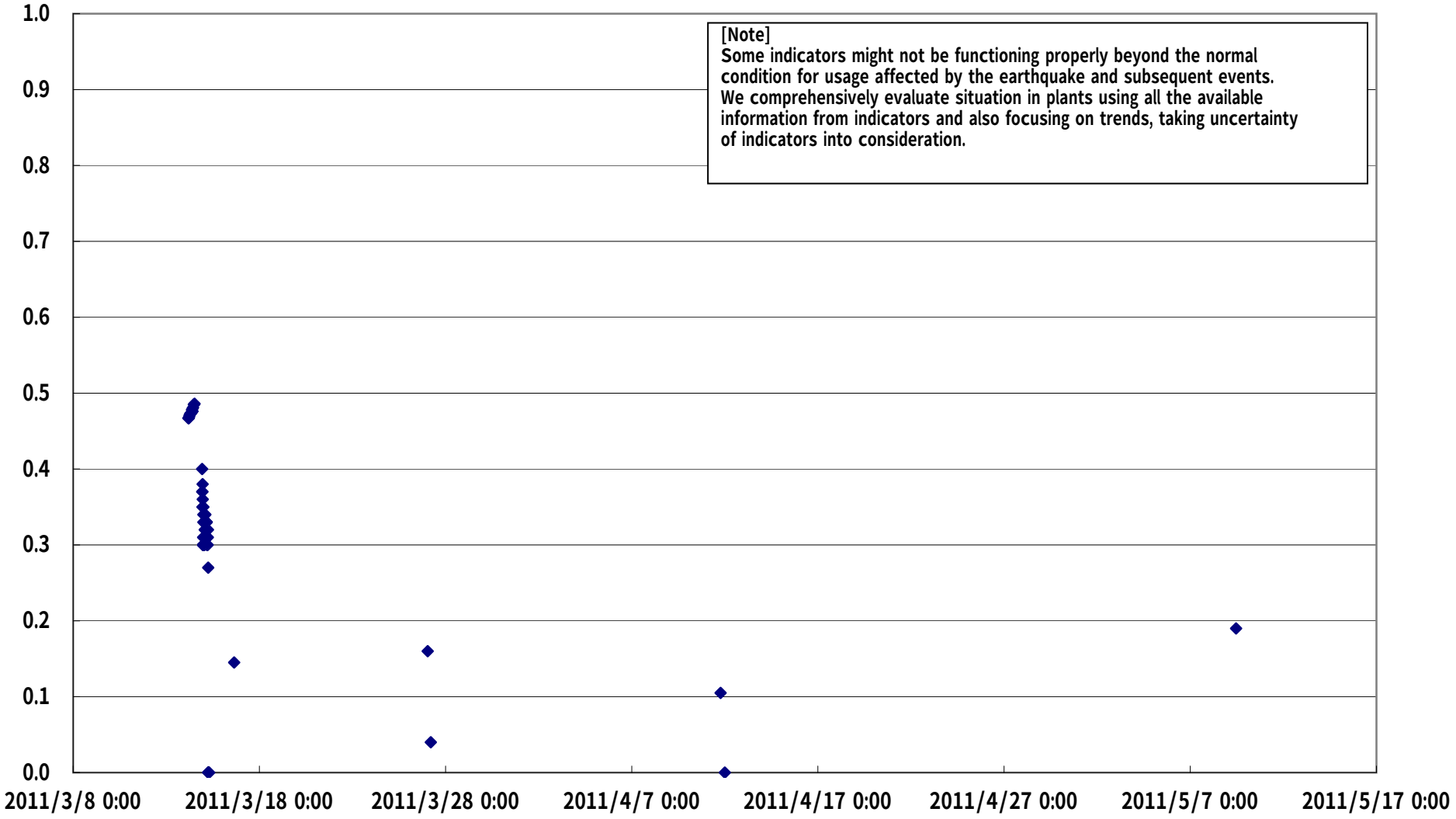
1F2 reactor water level(fuel range)(B) (mm)

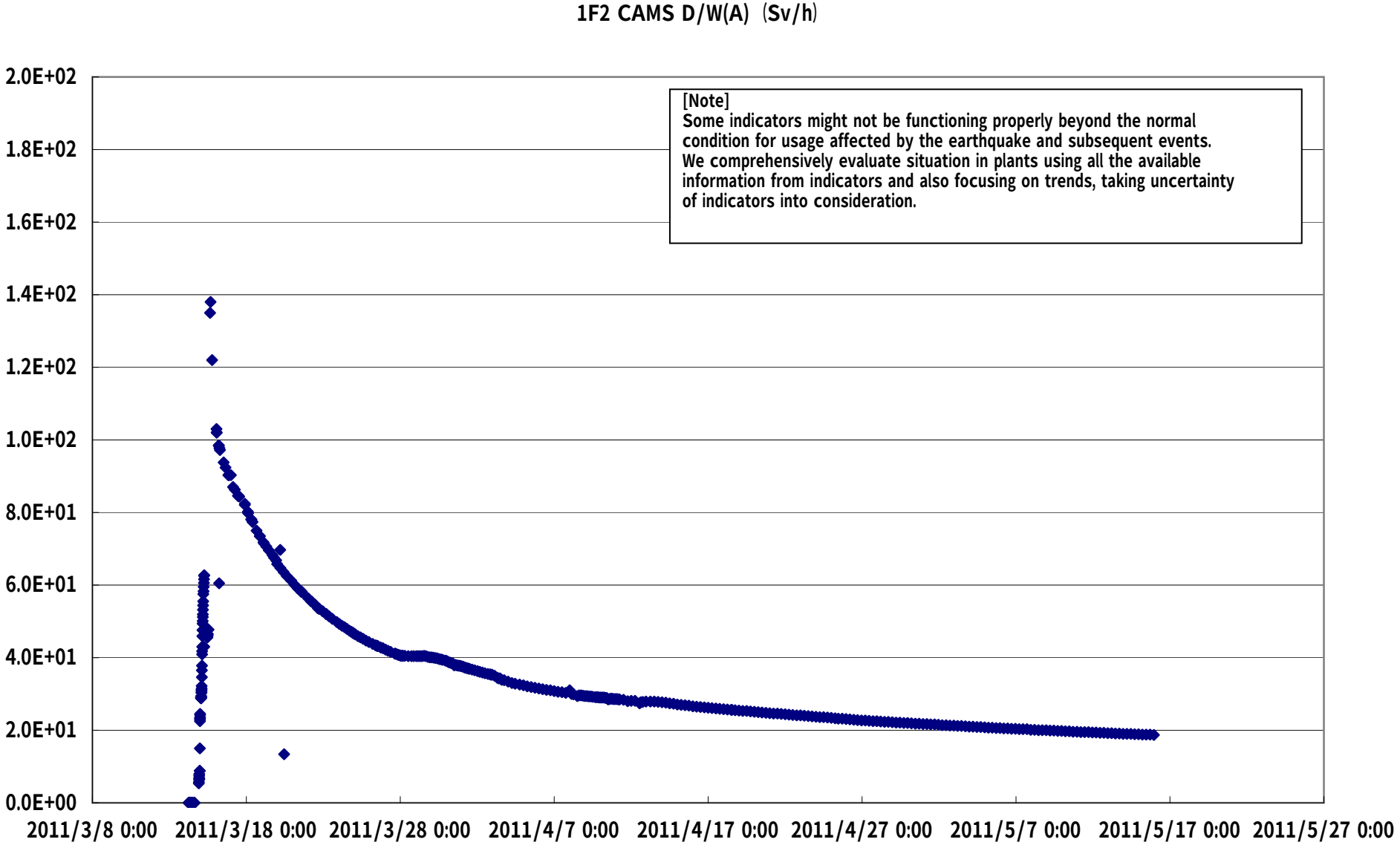


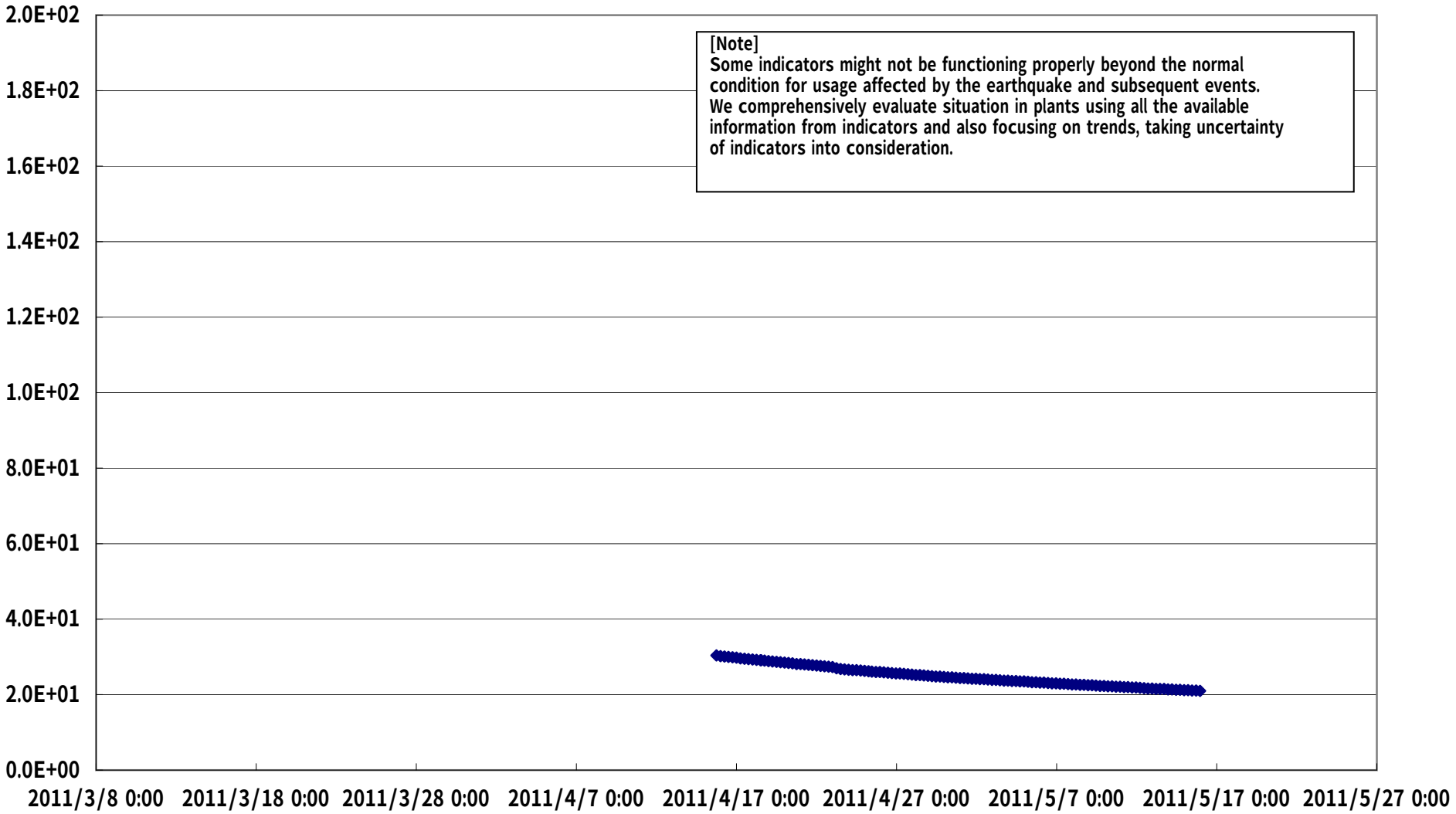

1F2 A system/ reactor pressure (MPa)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00

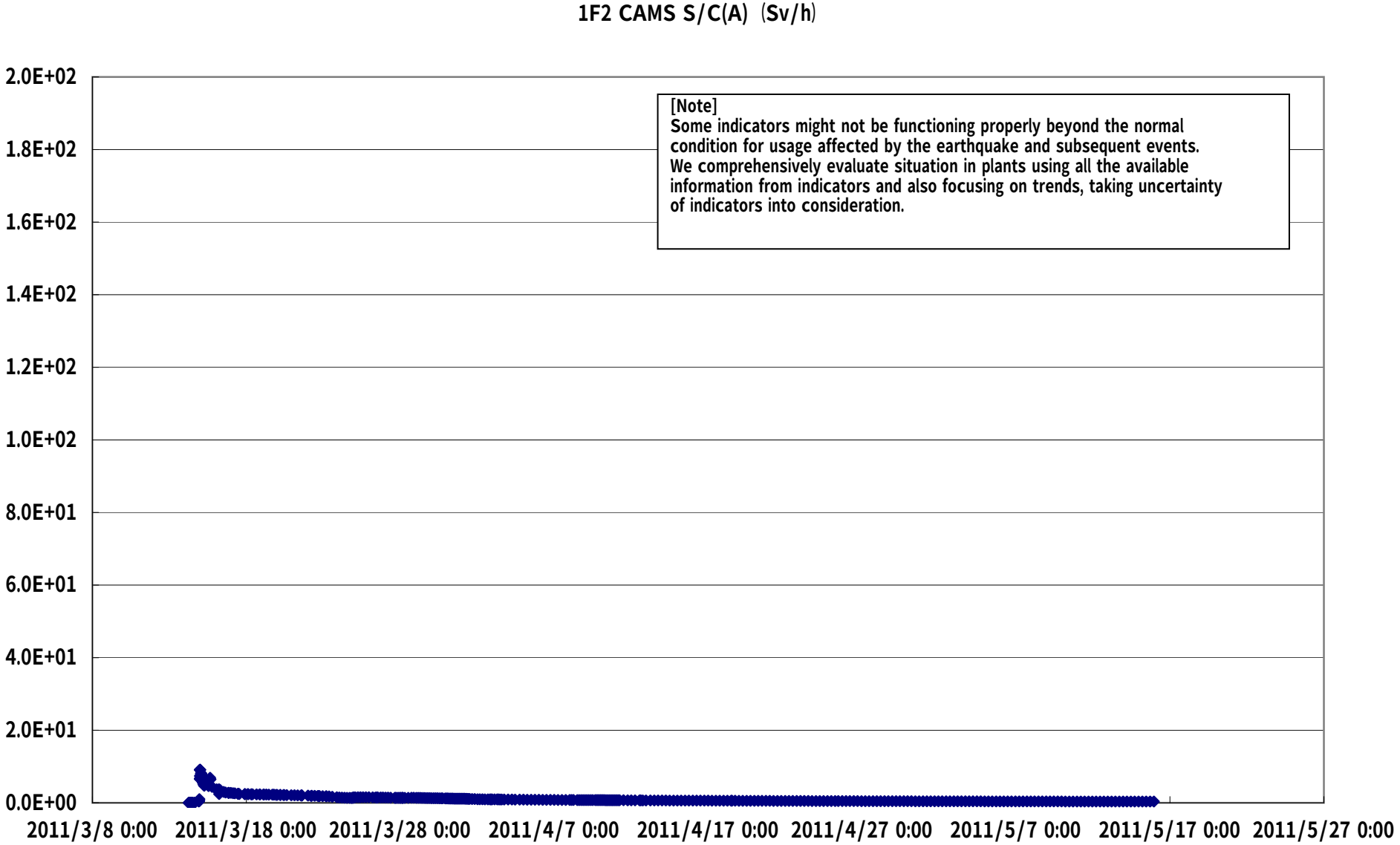

1F2 B system/ reactor pressure (MPa)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00

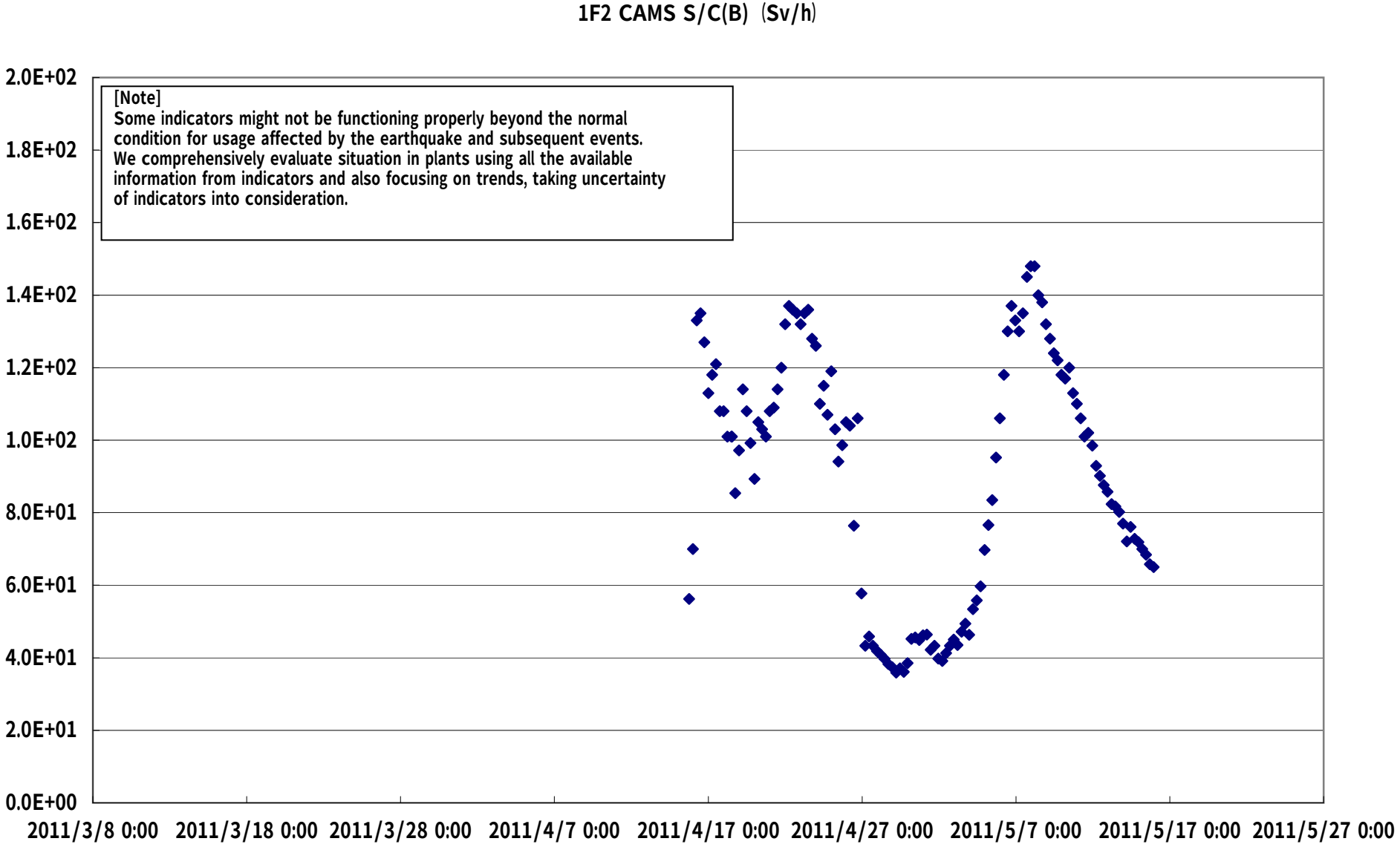

1F2 D/W pressure (MPa abs)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00


1F2 S/C pressure (MPa abs)
[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.
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00

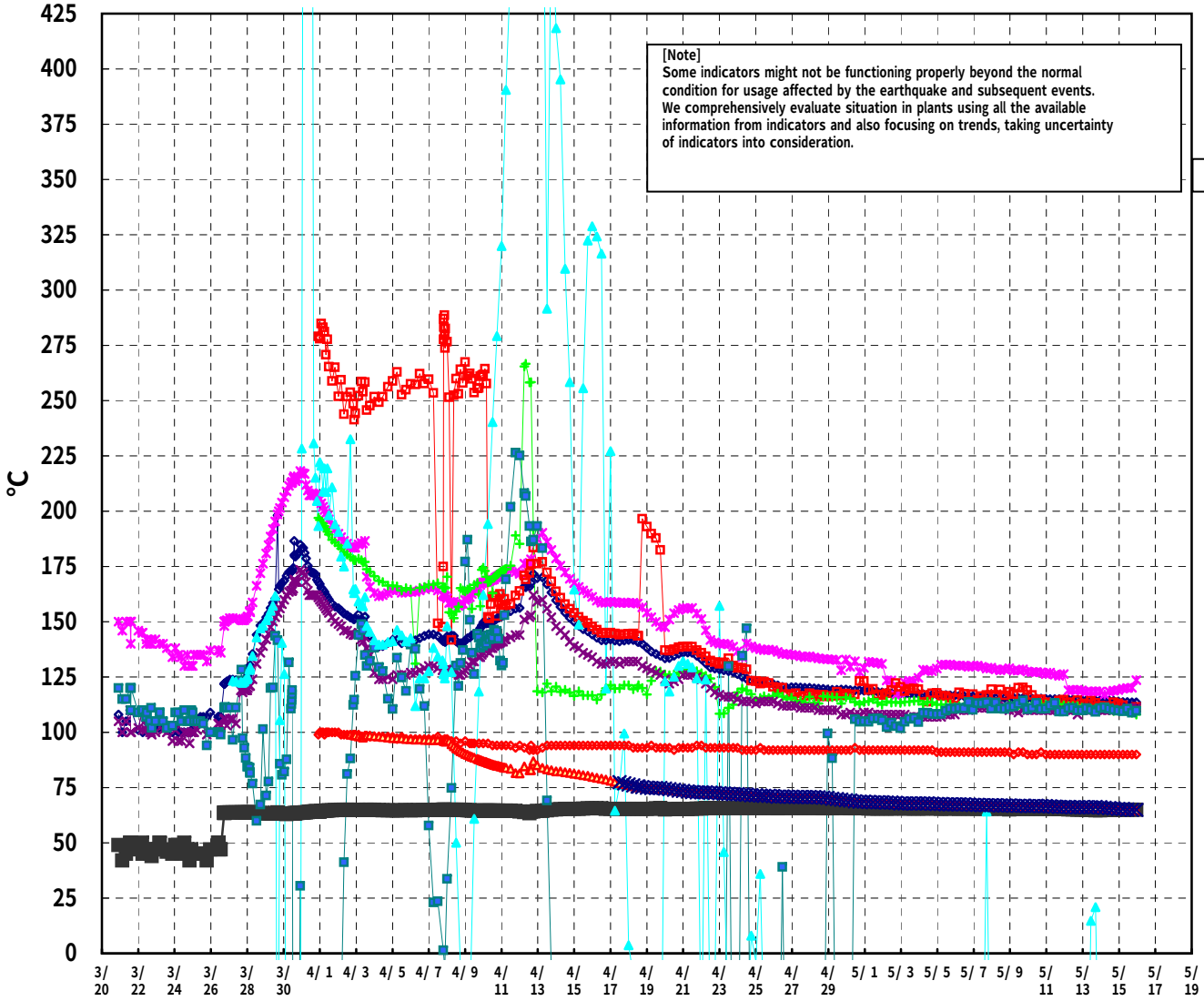

1F2 CAMS D/W(A) (Sv/h)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
2.0E+02
1.8E+02
1.6E+02
1.4E+02
1.2E+02
1.0E+02
8.0E+01
6.0E+01
4.0E+01
2.0E+01
0.0E+00
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00

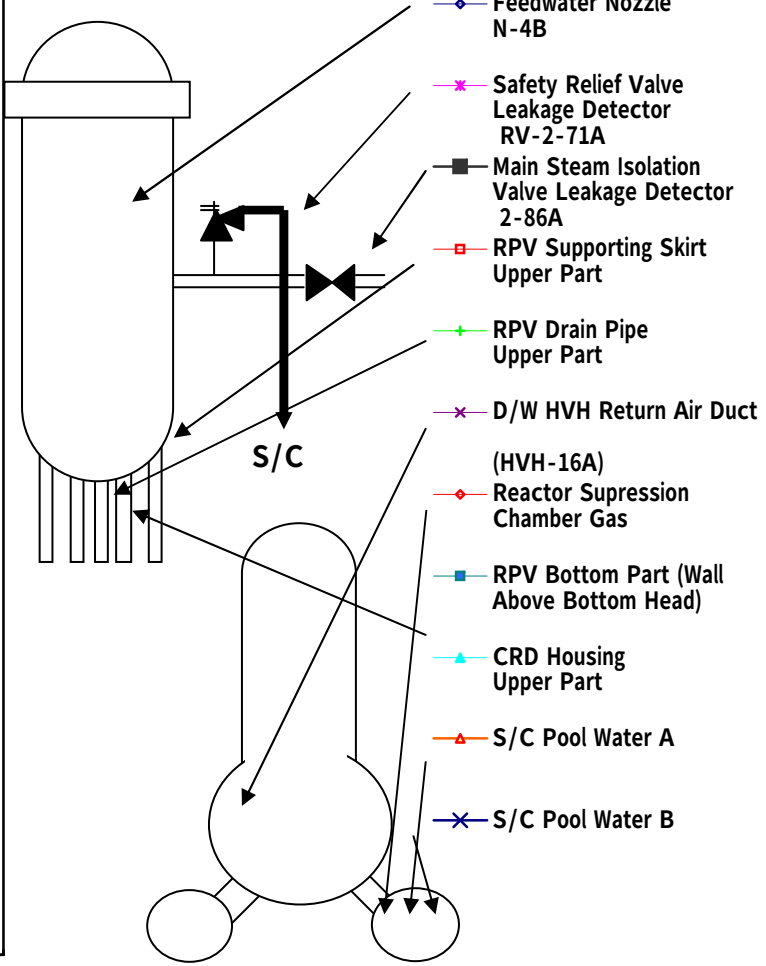

1F2 CAMS D/W(B) (Sv/h)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
2.0E+02
1.8E+02
1.6E+02
1.4E+02
1.2E+02
1.0E+02
8.0E+01
6.0E+01
4.0E+01
2.0E+01
0.0E+00
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00

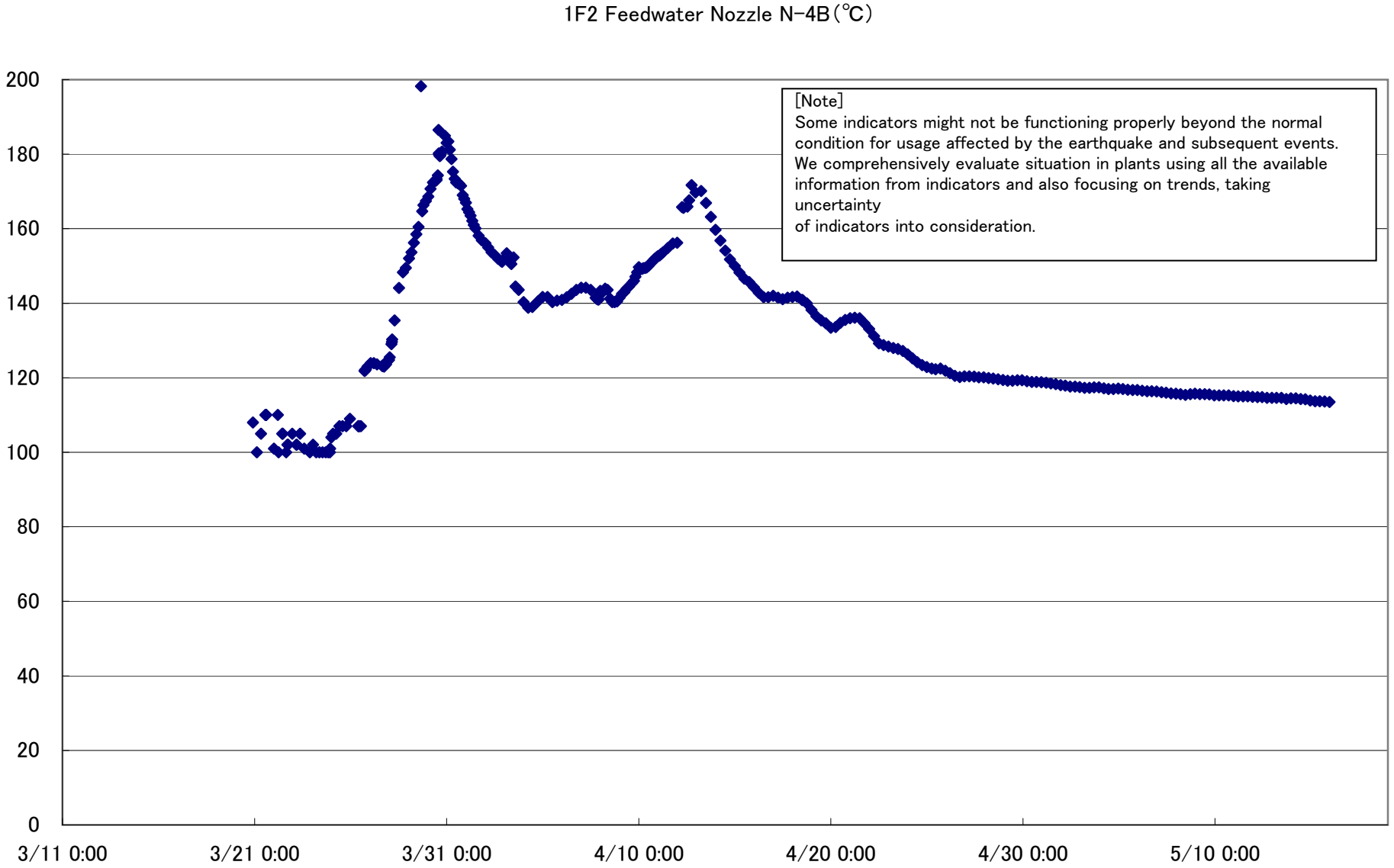

1F2 CAMS S/C(A) (Sv/h)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty of indicators into consideration.
2.0E+02
1.8E+02
1.6E+02
1.4E+02
1.2E+02
1.0E+02
8.0E+01
6.0E+01
4.0E+01
2.0E+01
0.0E+00
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00


1F2 CAMS S/C(B) (Sv/h)
[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.
2.0E+02
1.8E+02
1.6E+02
1.4E+02
1.2E+02
1.0E+02
8.0E+01
6.0E+01
4.0E+01
2.0E+01
0.0E+00
2011/3/8 0:00
2011/3/18 0:00
2011/3/28 0:00
2011/4/7 0:00
2011/4/17 0:00
2011/4/27 0:00
2011/5/7 0:00
2011/5/17 0:00
2011/5/27 0:00

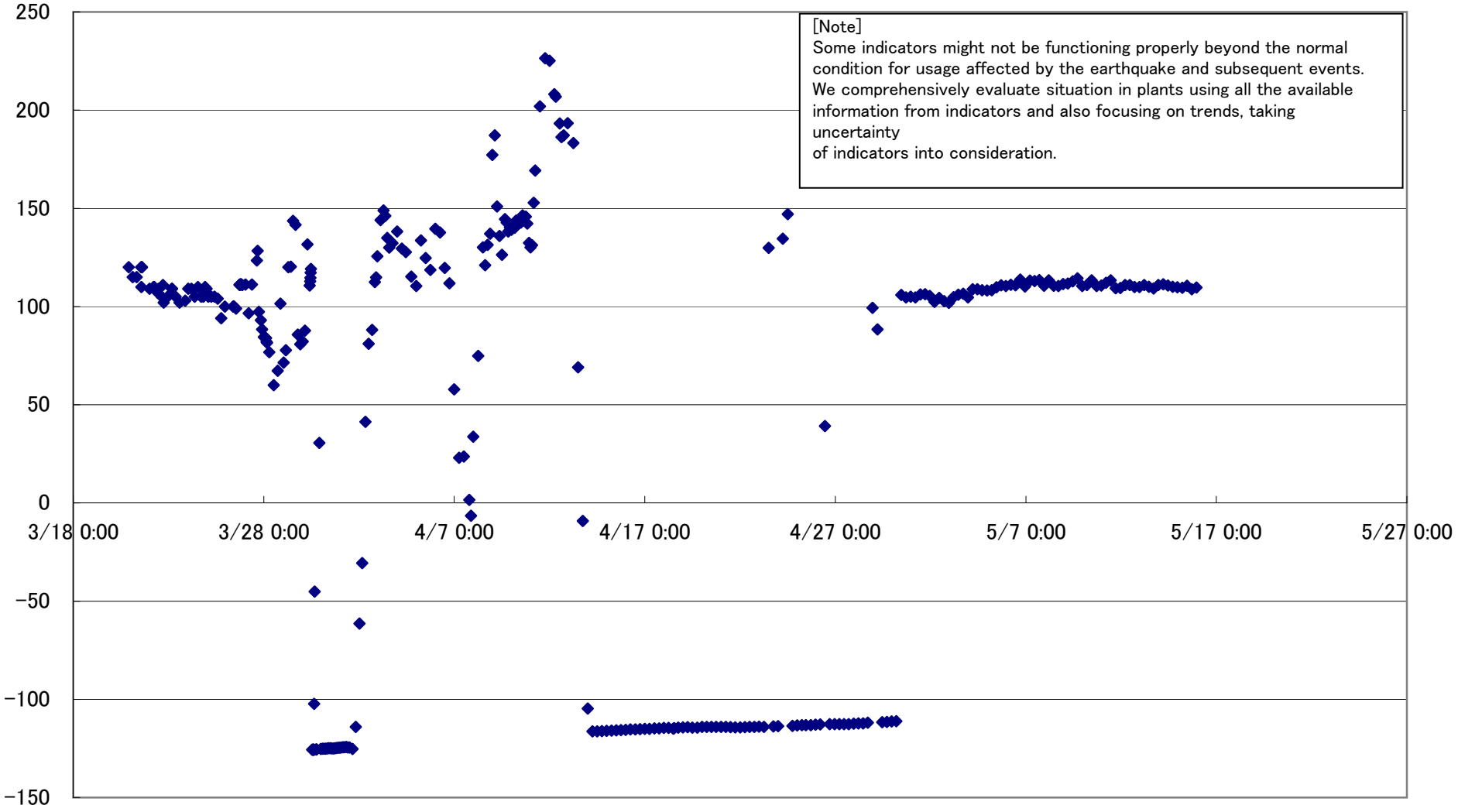
Fukushima Daiichi Nuclear Power Station Unit2 Parameters of Temperature (Typical Points)



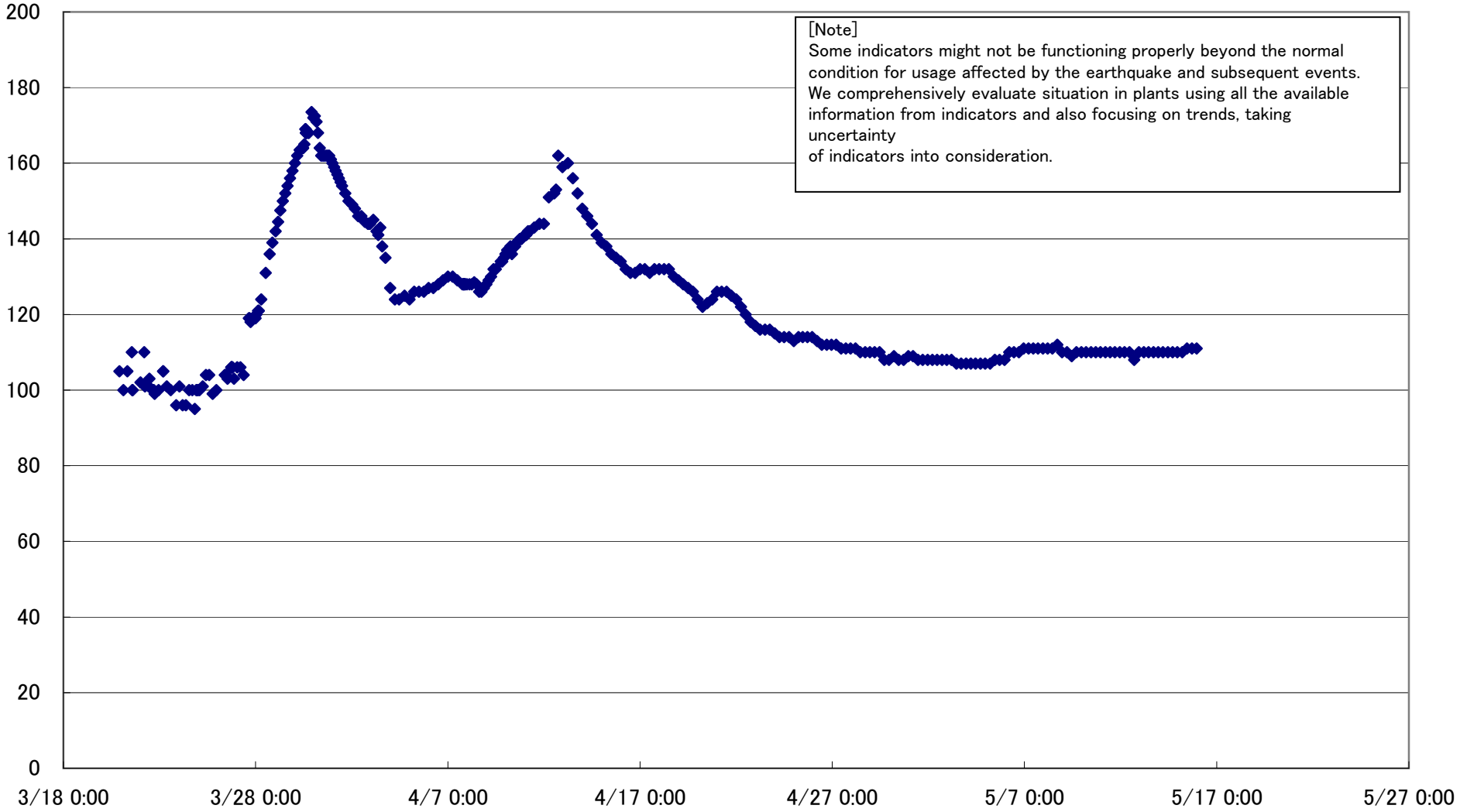



1F2 Feedwater Nozzle N-4B(℃)
[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events.
We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty
of indicators into consideration.
200
180
160
140
120
100
80
60
40
20
0
3/11 0:00
3/21 0:00
3/31 0:00
4/10 0:00
4/20 0:00
4/30 0:00
5/10 0:00

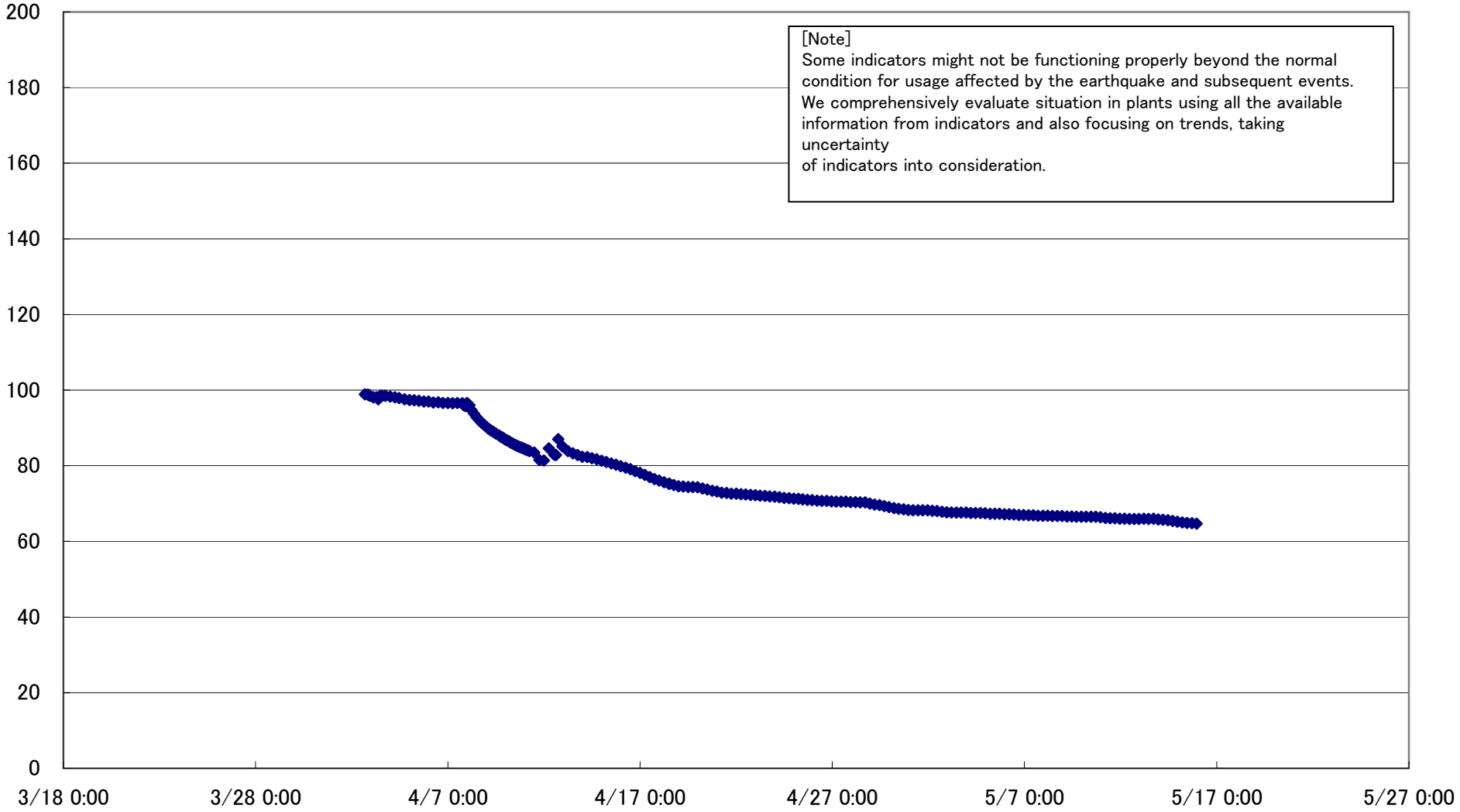
1F2 RPV Bottom Part (Wall Above Bottom Head)(℃)



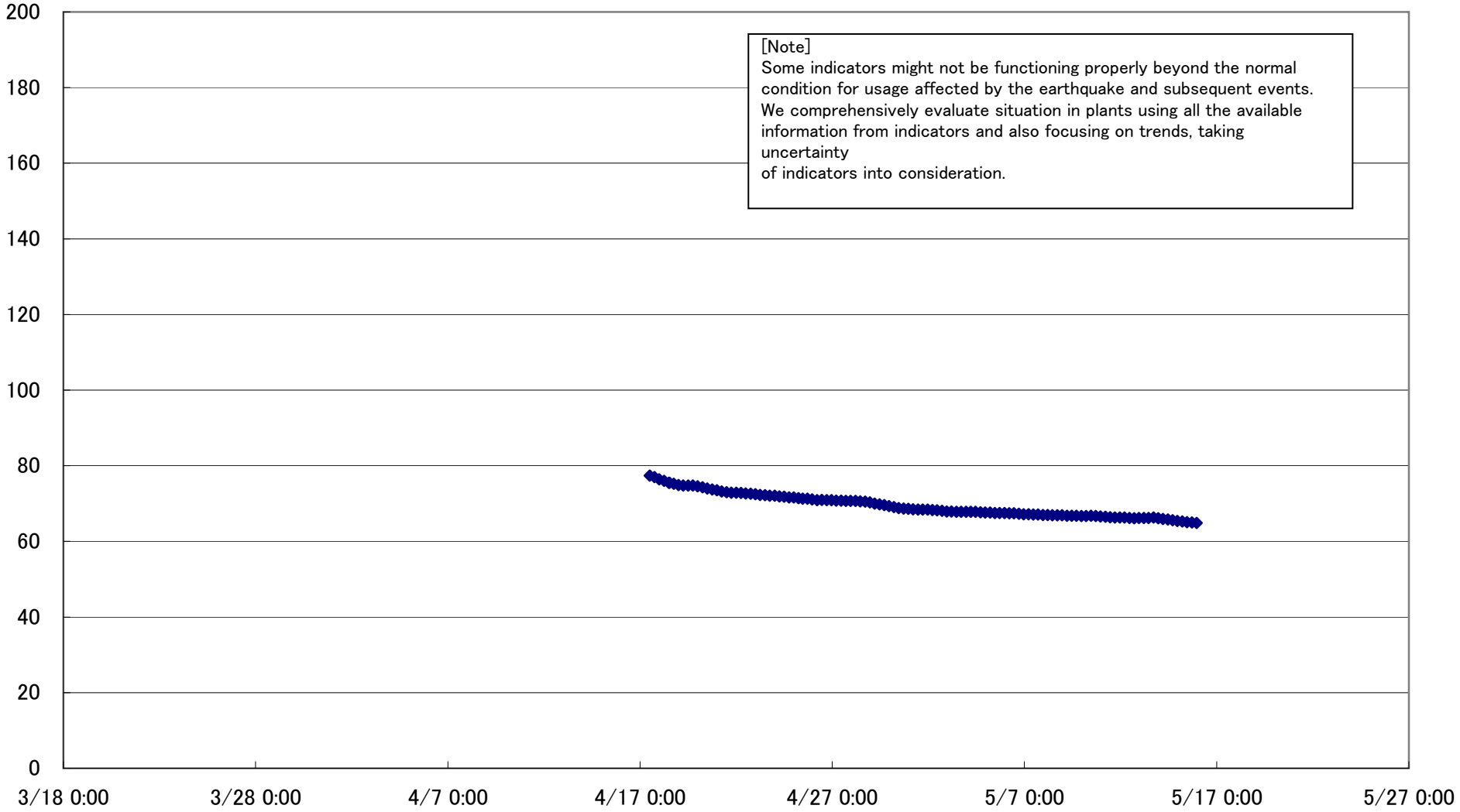
1F2 D/W HVH Return Air Duct (HVH-16A)(℃)



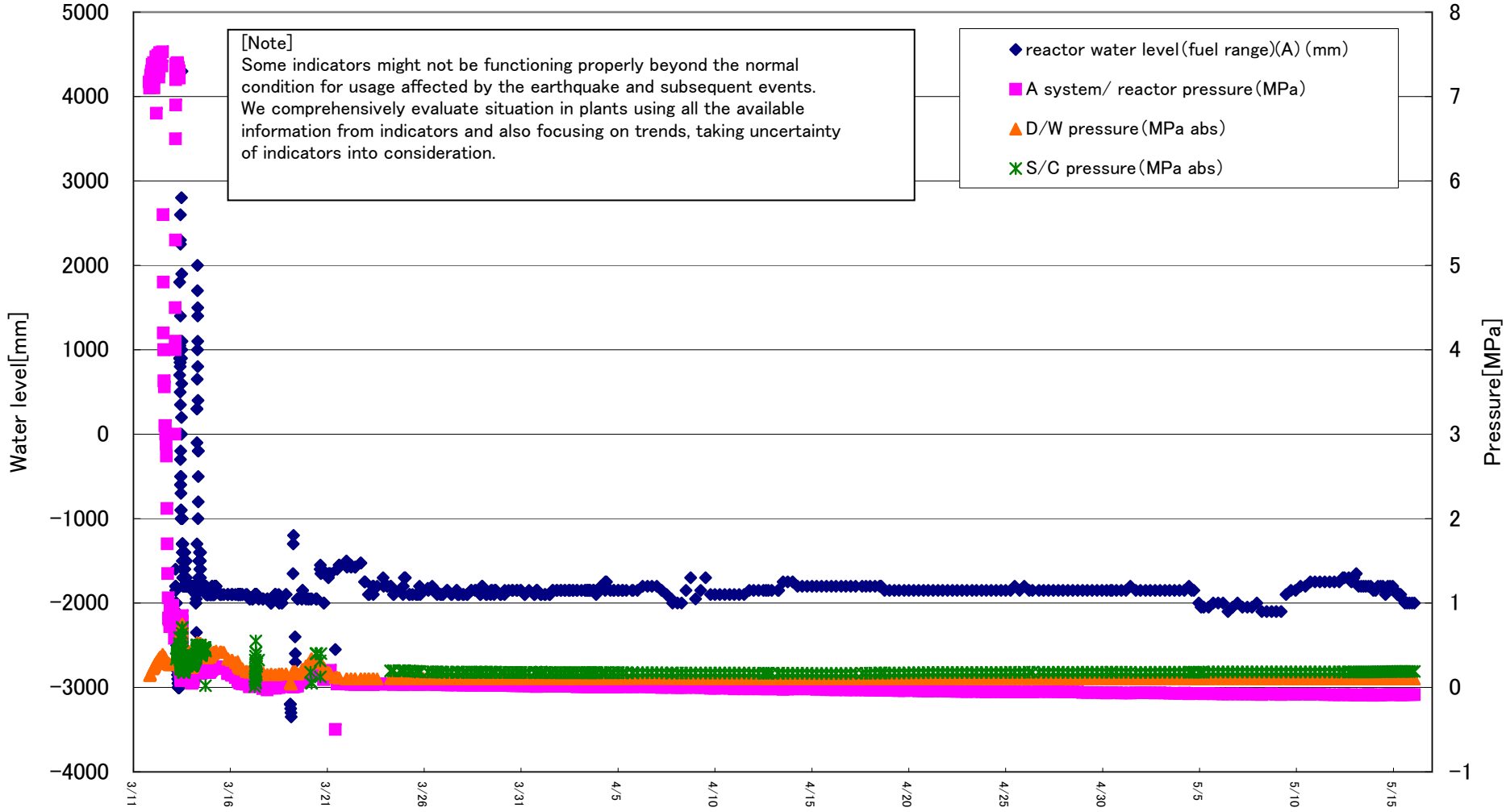
1F2 S/C Pool Water A(℃)



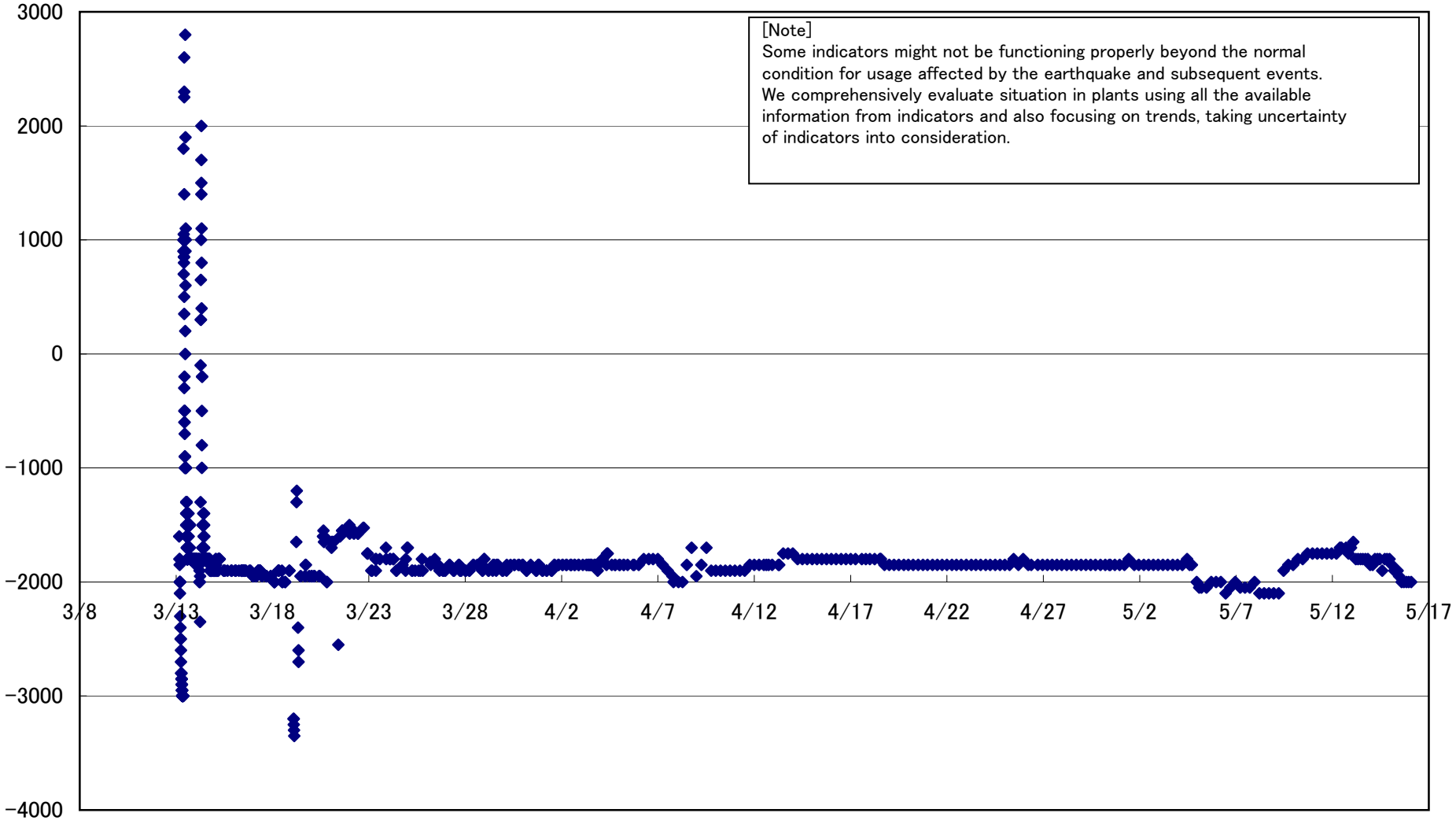
1F2 S/C Pool Water B(℃)



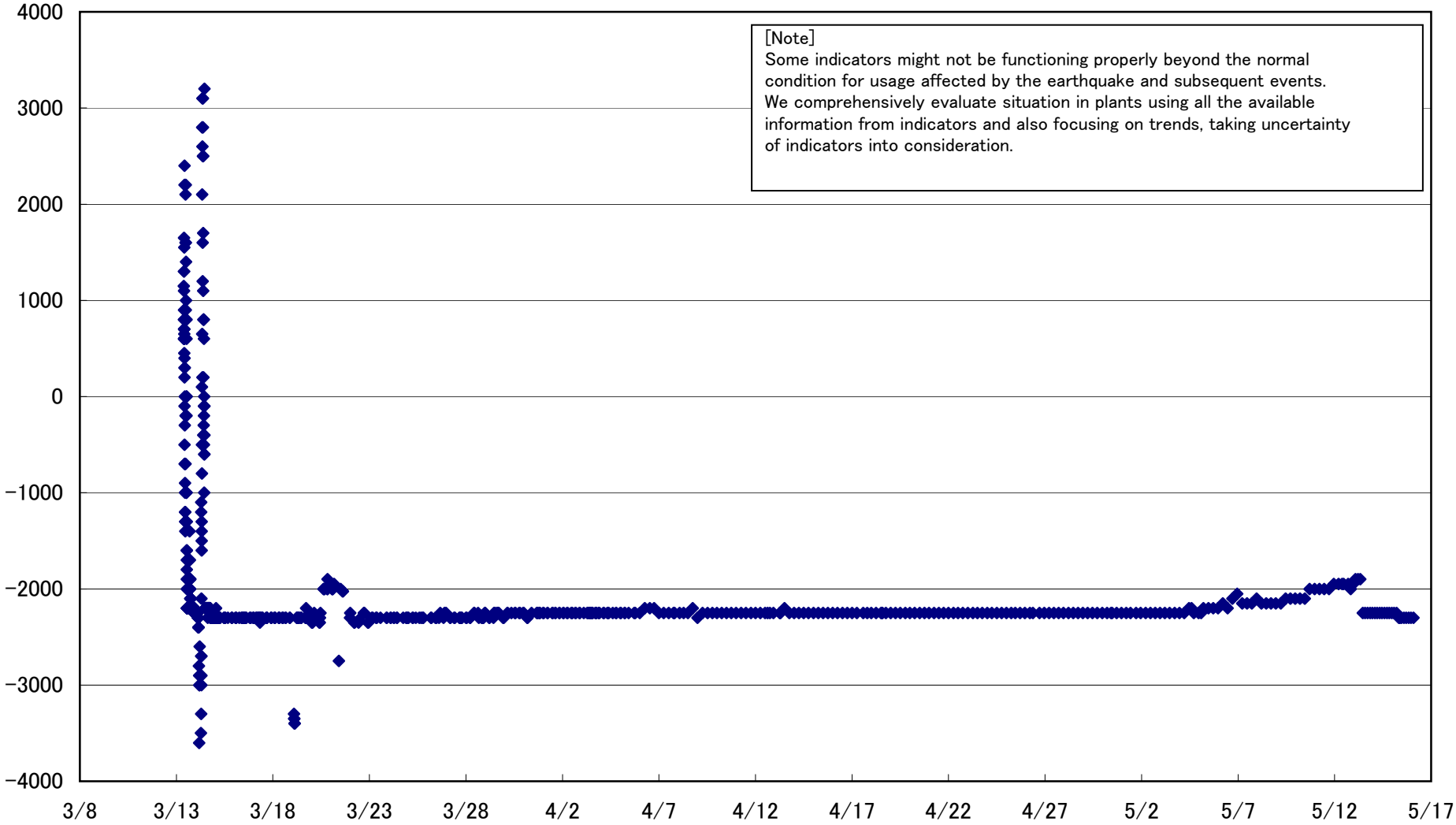
Fukushima Daiichi Nuclear Power Station Unit 3 Parameters of Water level and Pressure



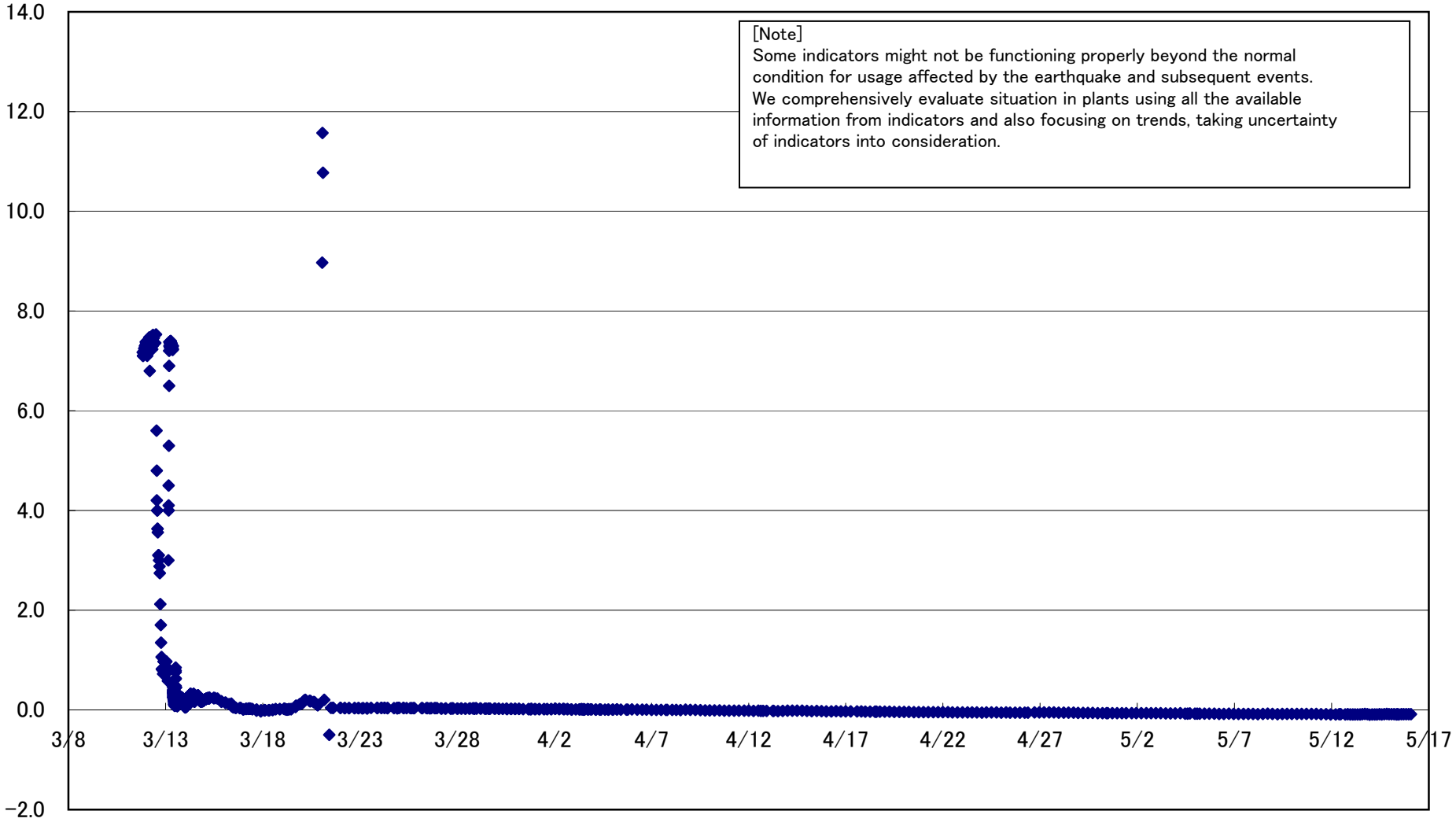
reactor water level(fuel range)(A) (mm)



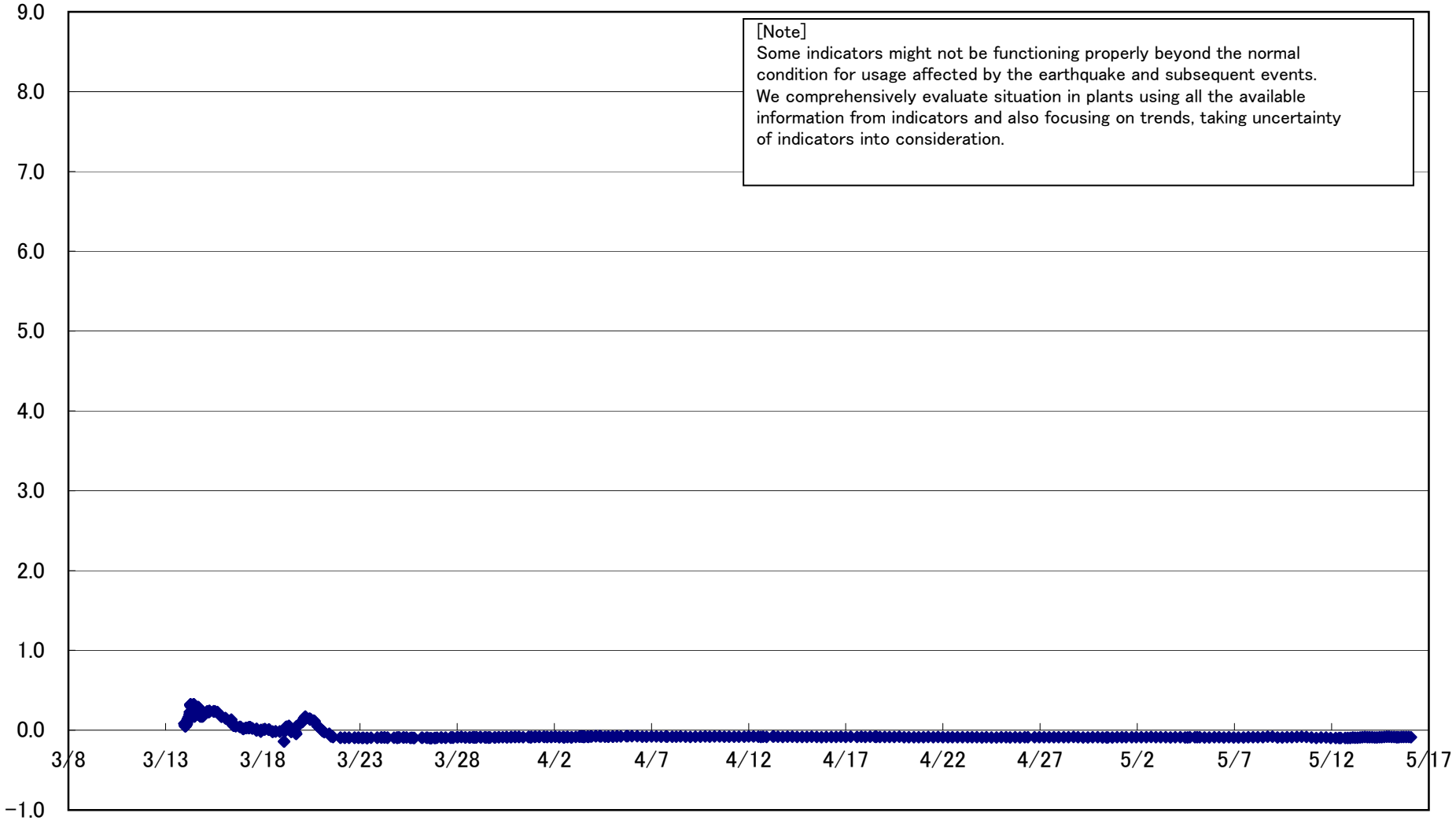
reactor water level(fuel range)(B) (mm)



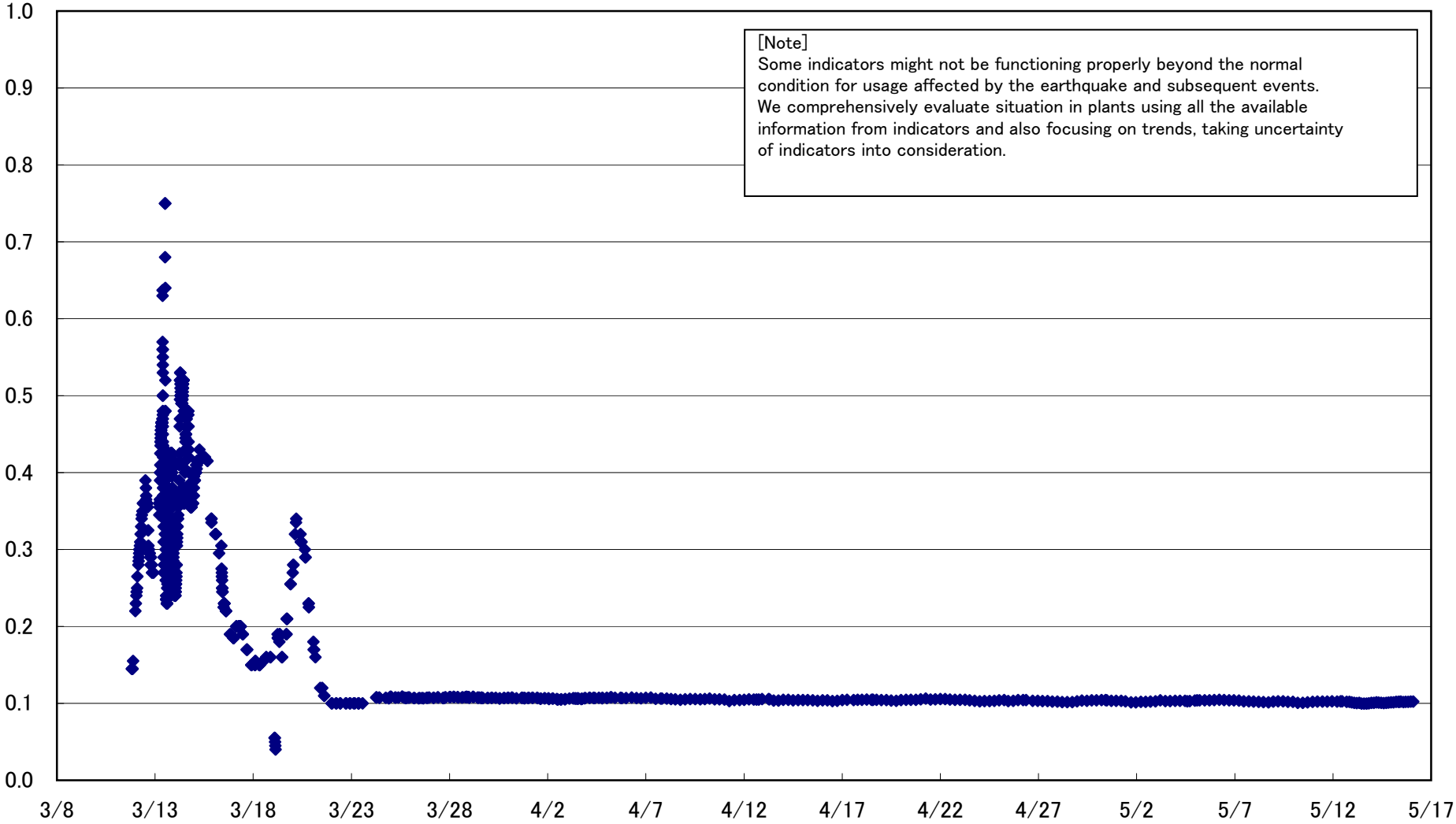
1F3 A system/ reactor pressure（MPa）



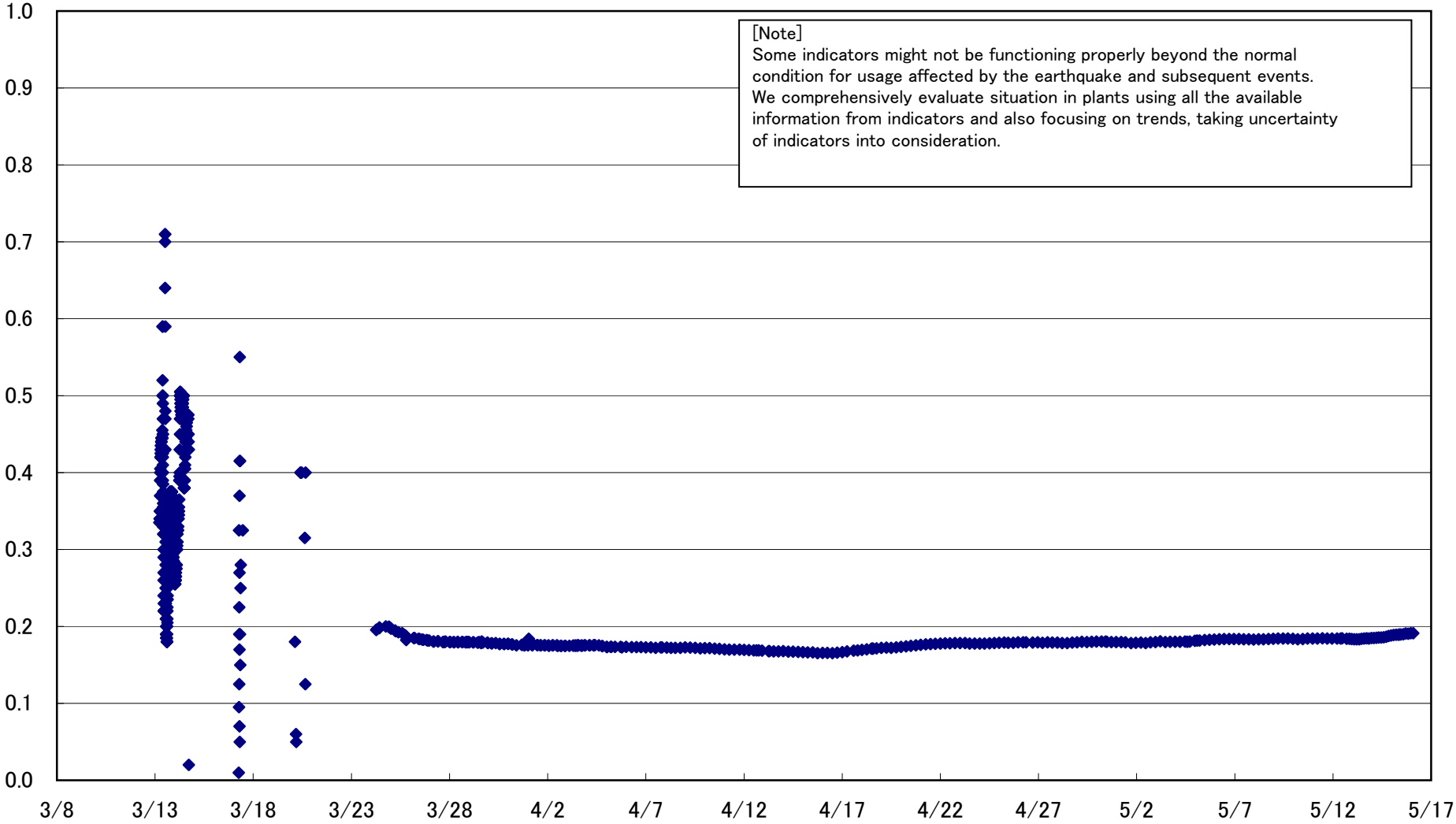
1F3 B system/ reactor pressure（MPa）



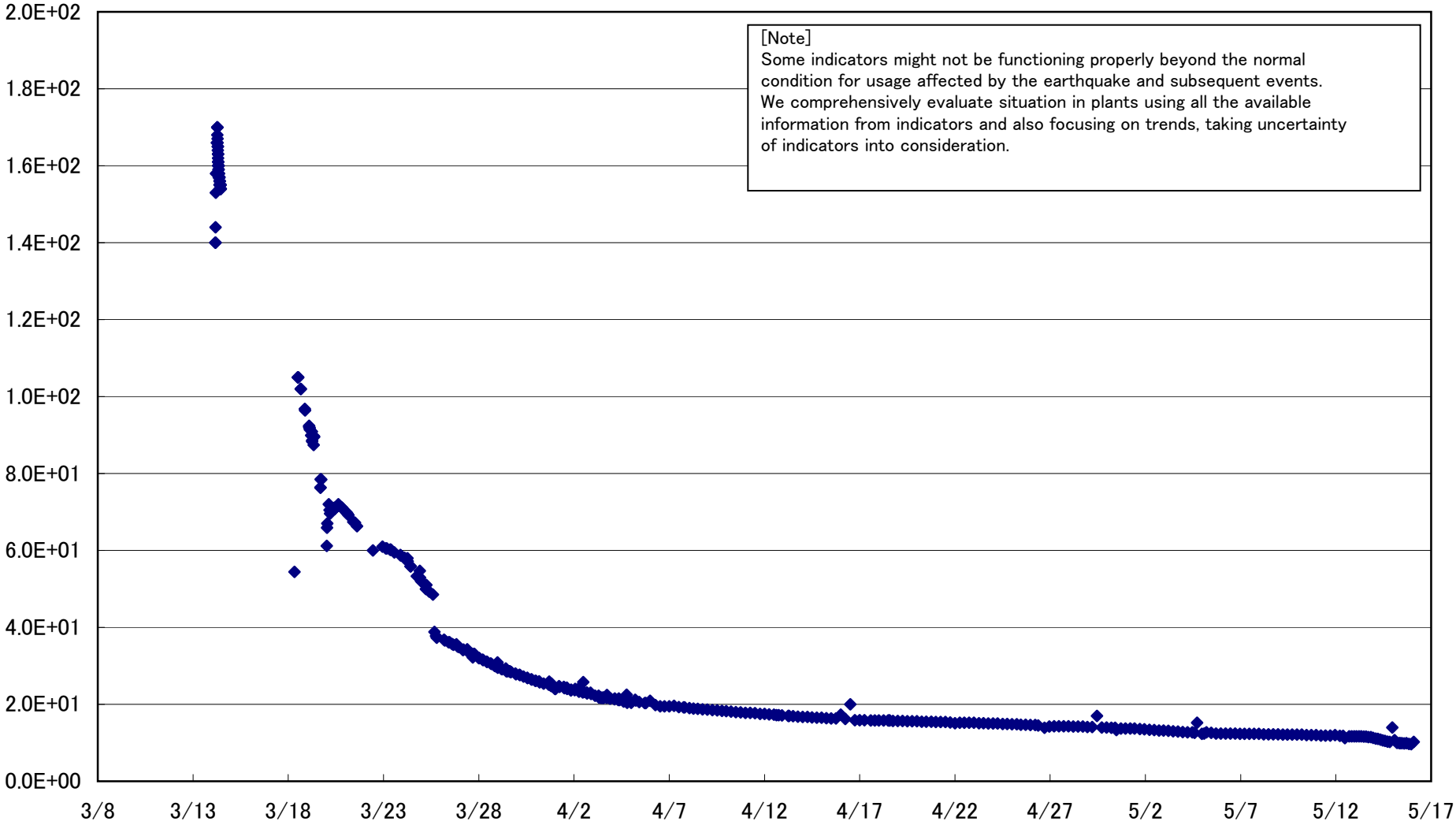
1F3 D/W pressure (MPa abs)



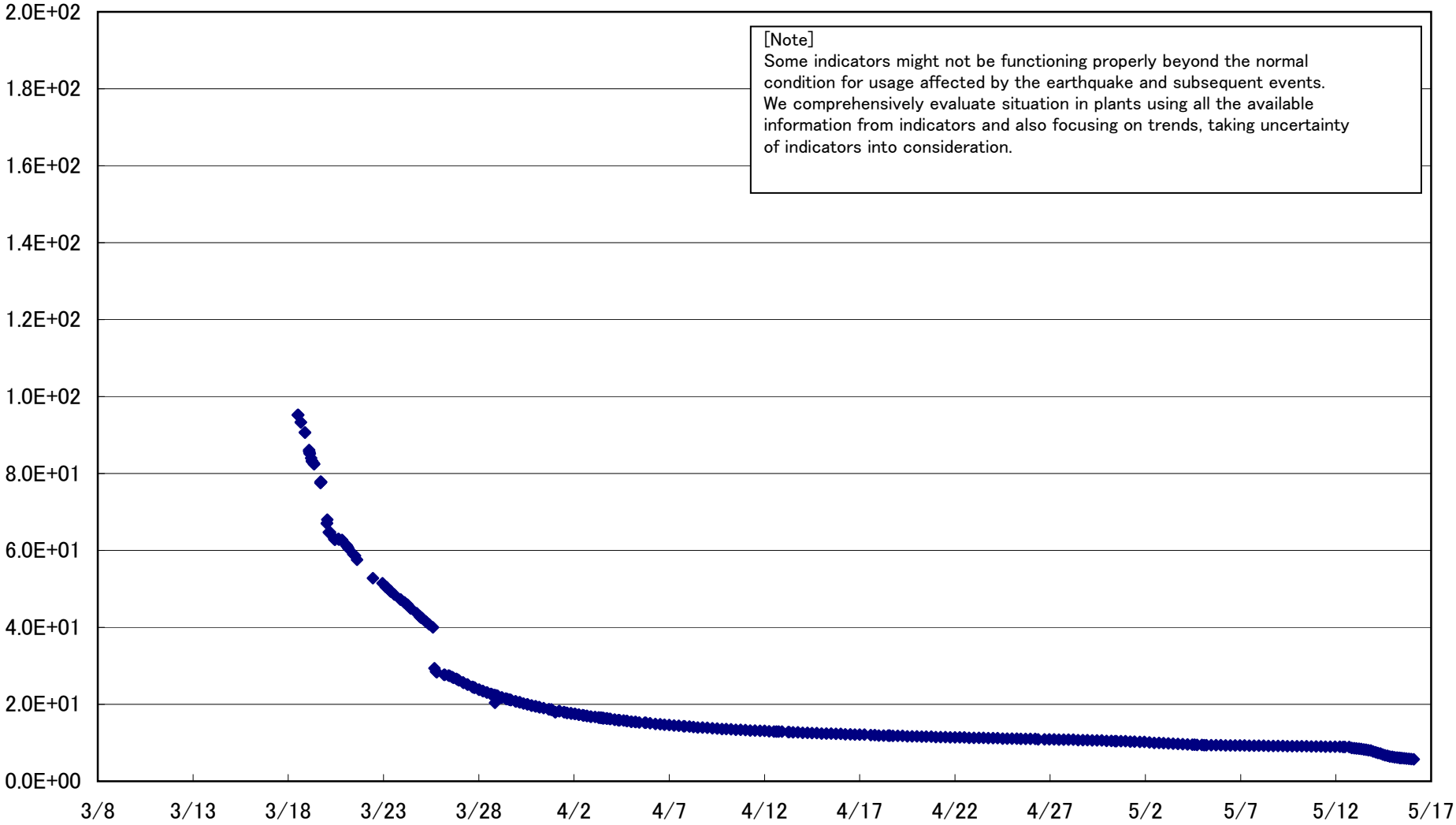
1F3 S/C pressure (MPa abs)



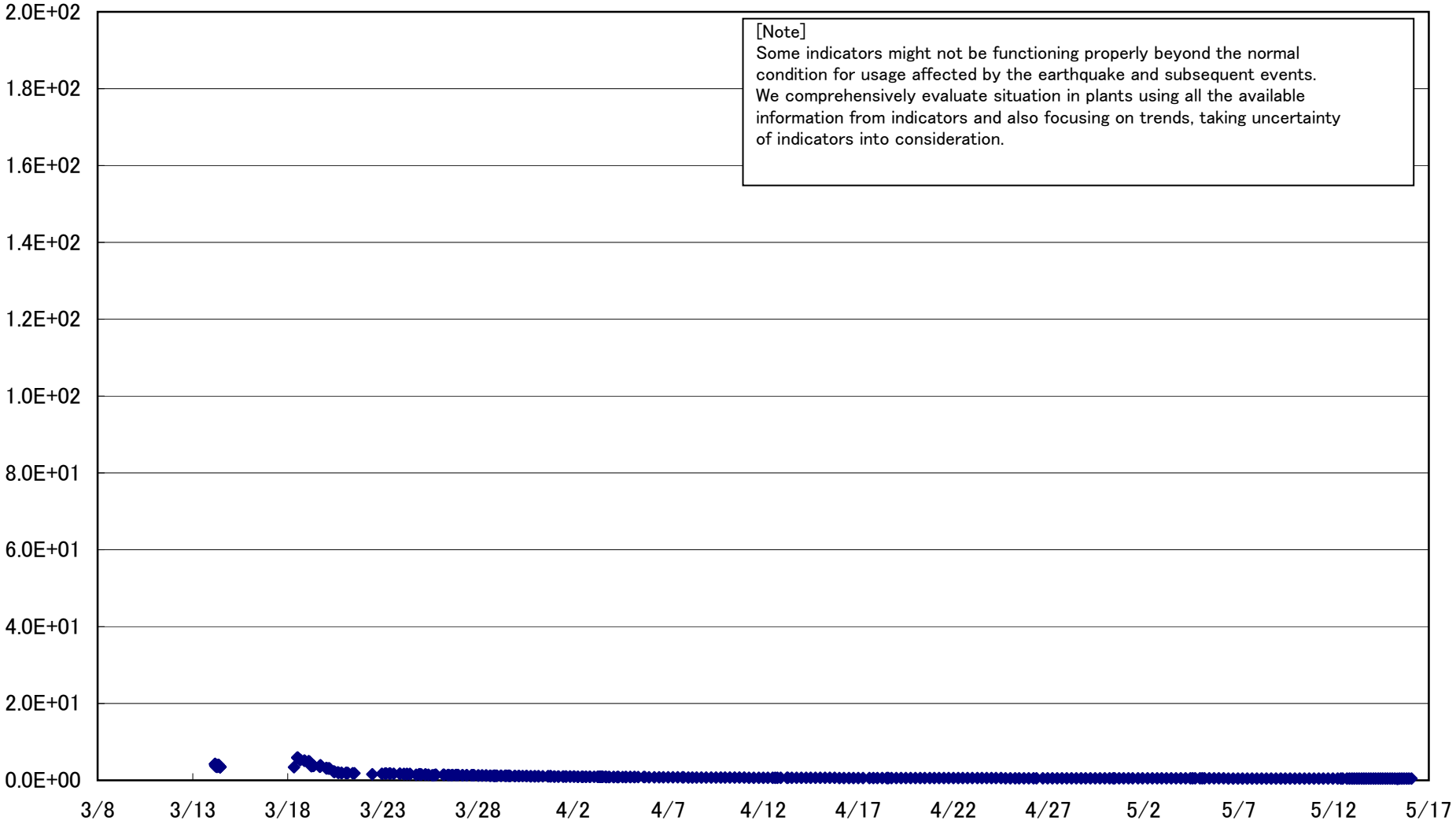
1F3 CAMS D/W(A) (Sv/h)



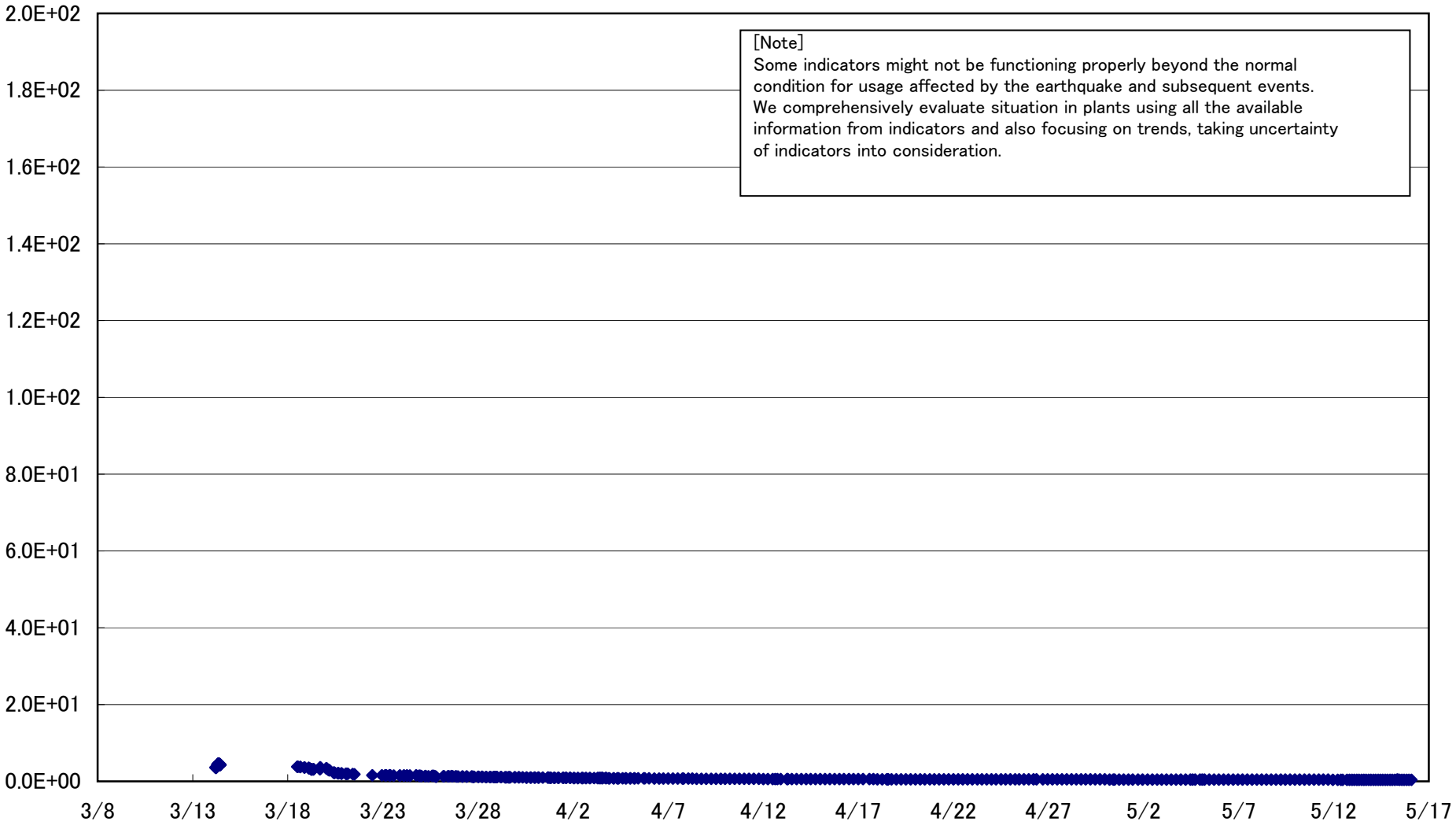
1F3 CAMS D/W(B) (Sv/h)



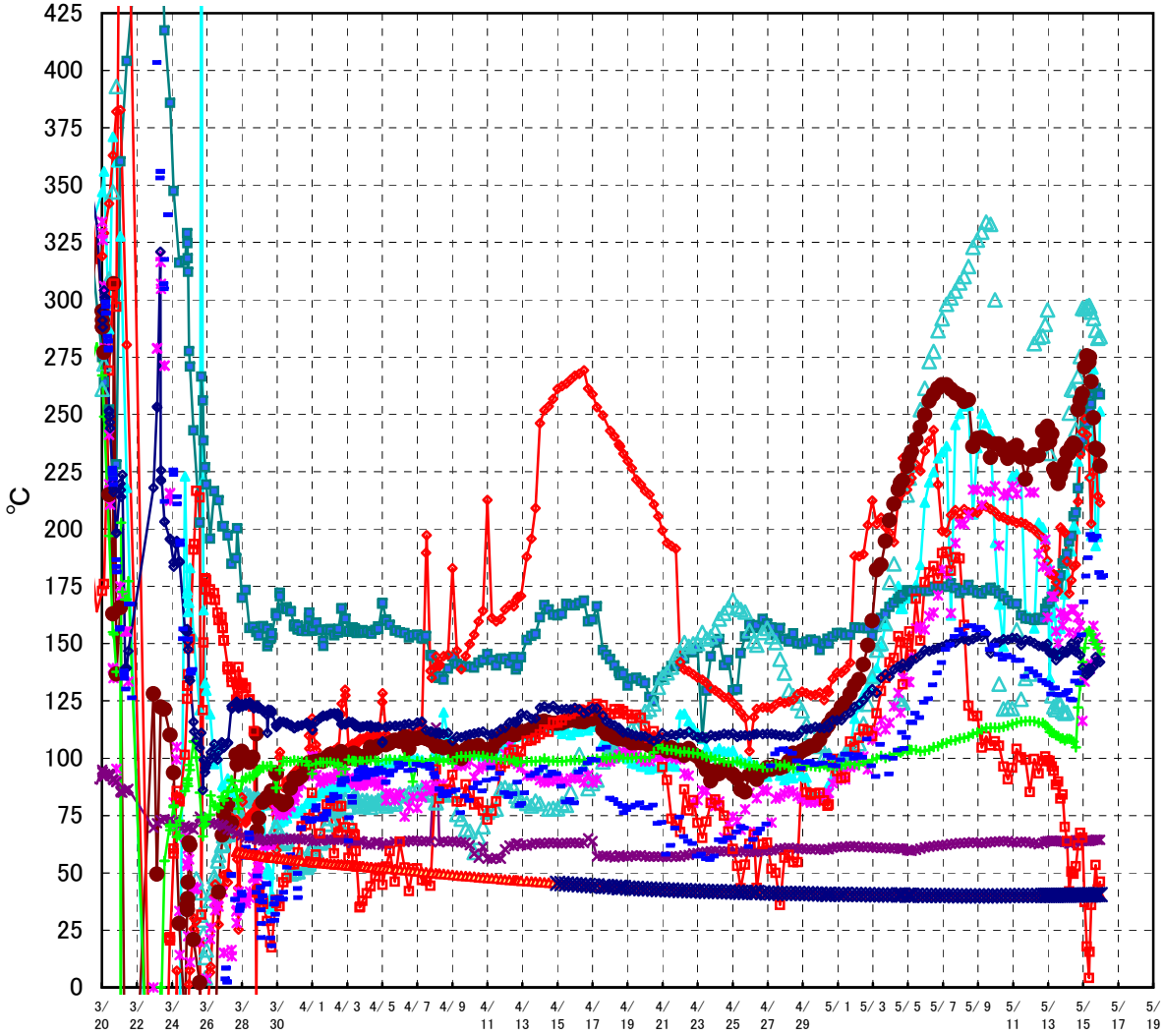
1F3 CAMS S/C(A) (Sv/h)

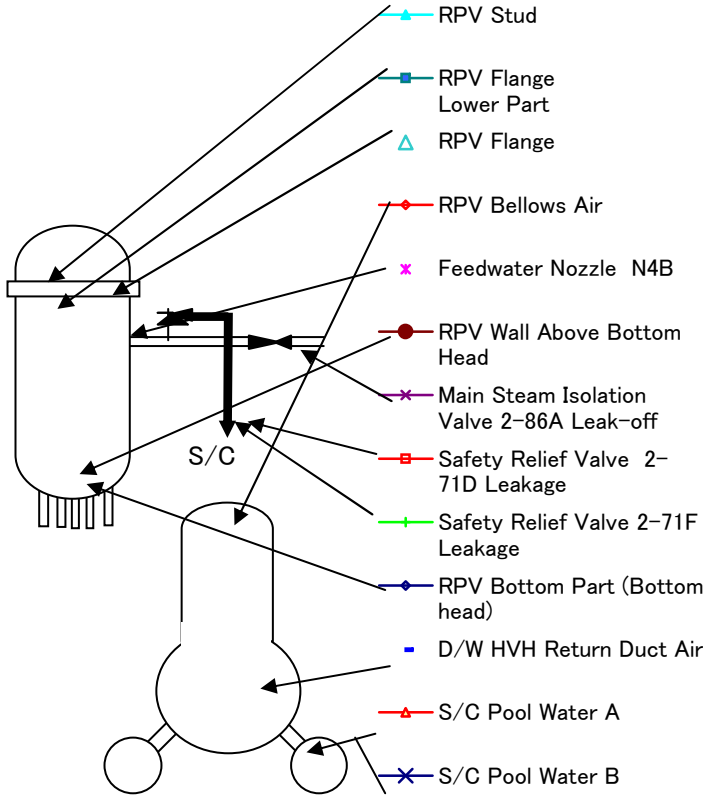


1F3 CAMS S/C(B) (Sv/h)



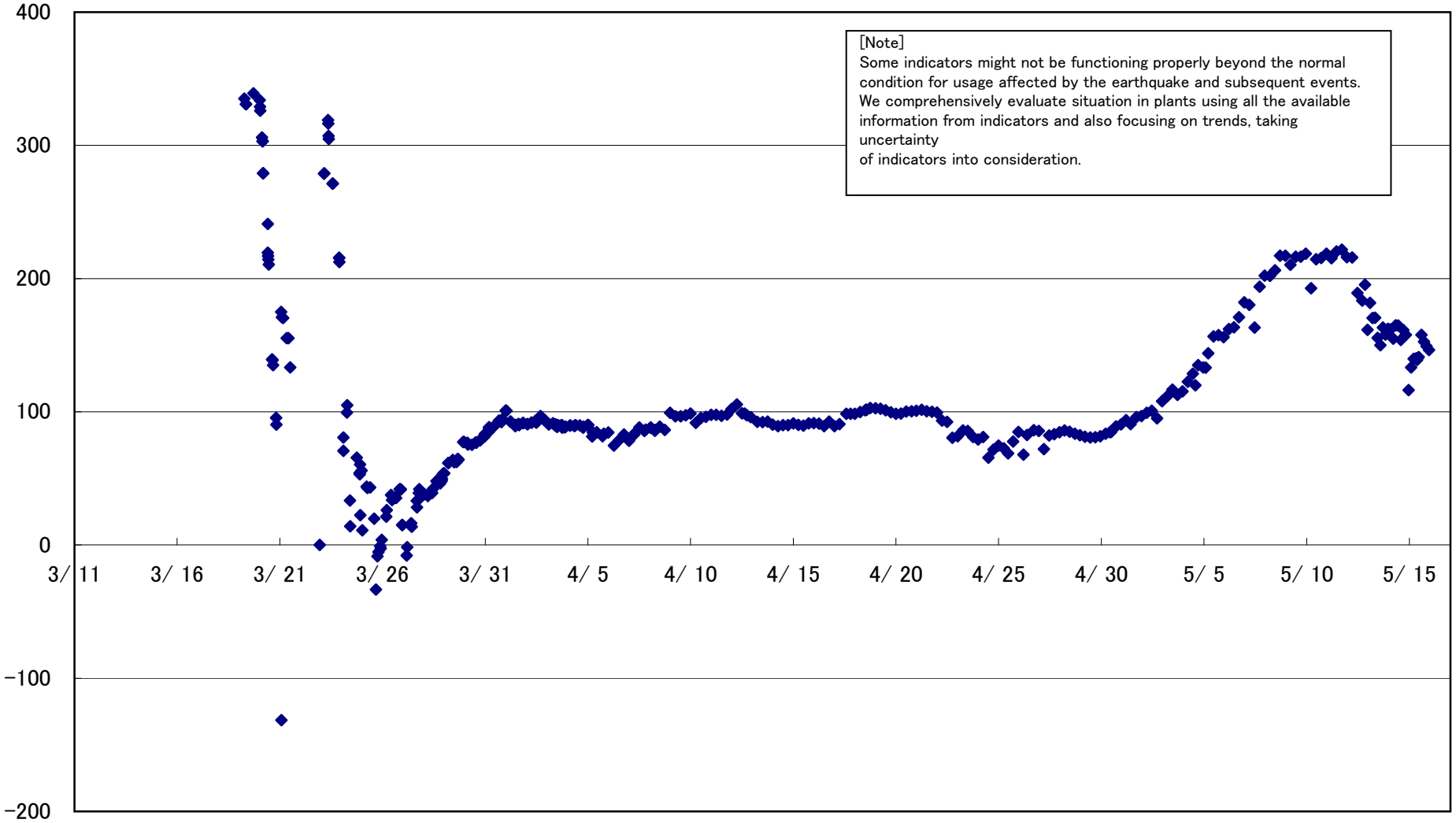
Fukushima Daiichi Nuclear Power Station Unit3 Parameters of Temperature (Typical Points)



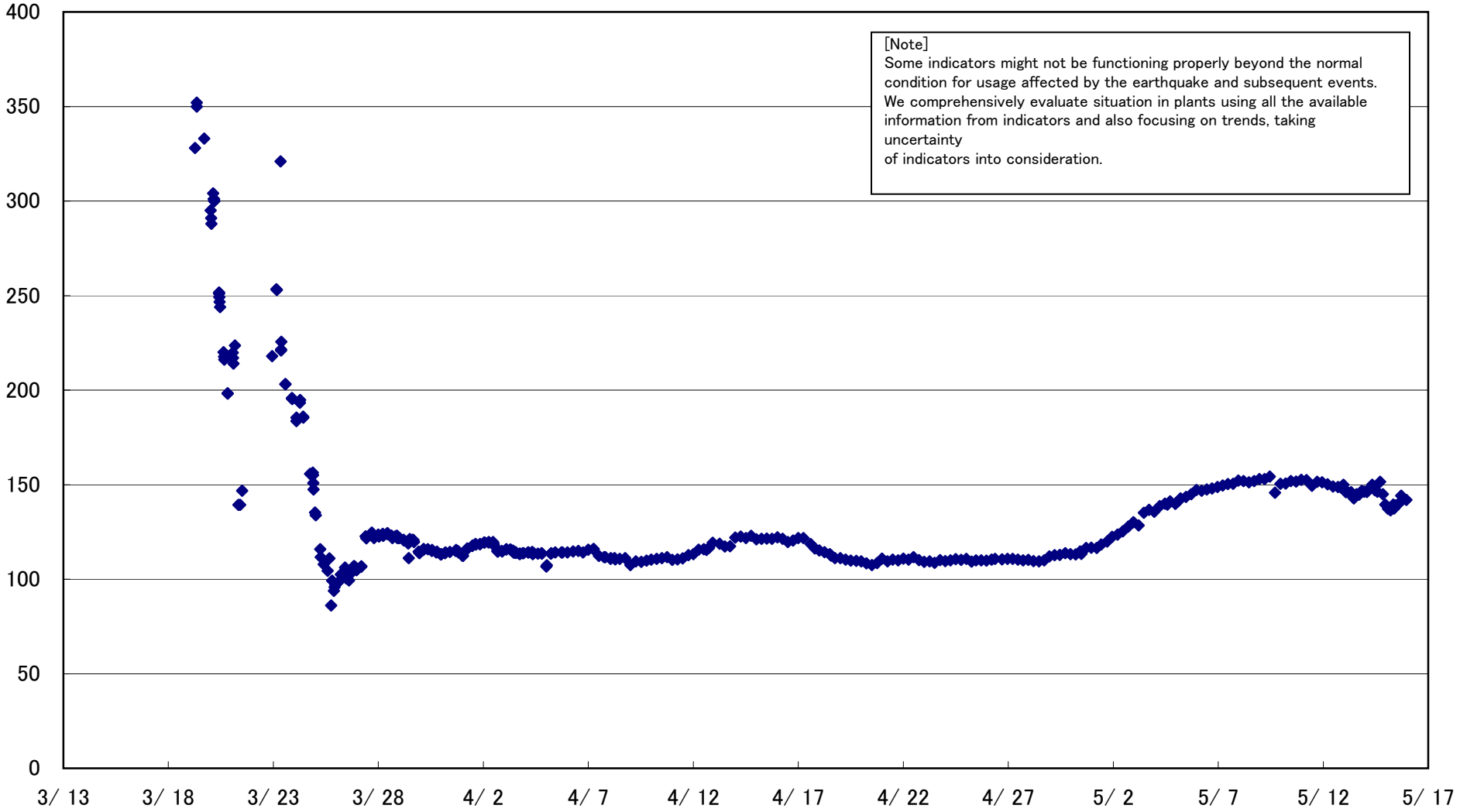


[Note]
Some indicators might not be functioning properly beyond the normal condition for usage affected by the earthquake and subsequent events. We comprehensively evaluate situation in plants using all the available information from indicators and also focusing on trends, taking uncertainty
of indicators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

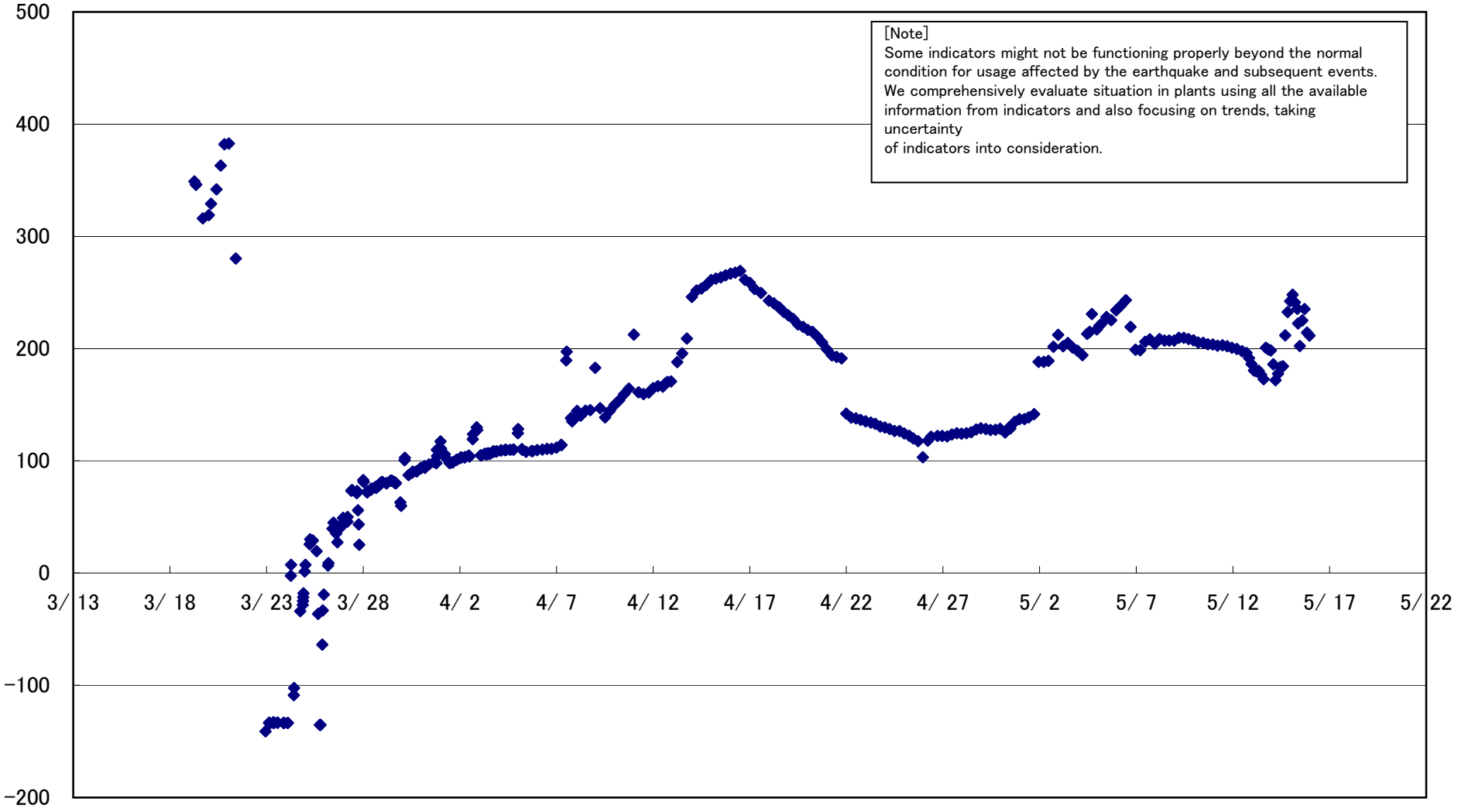
1F3 Feedwater Nozzle N4B(℃)



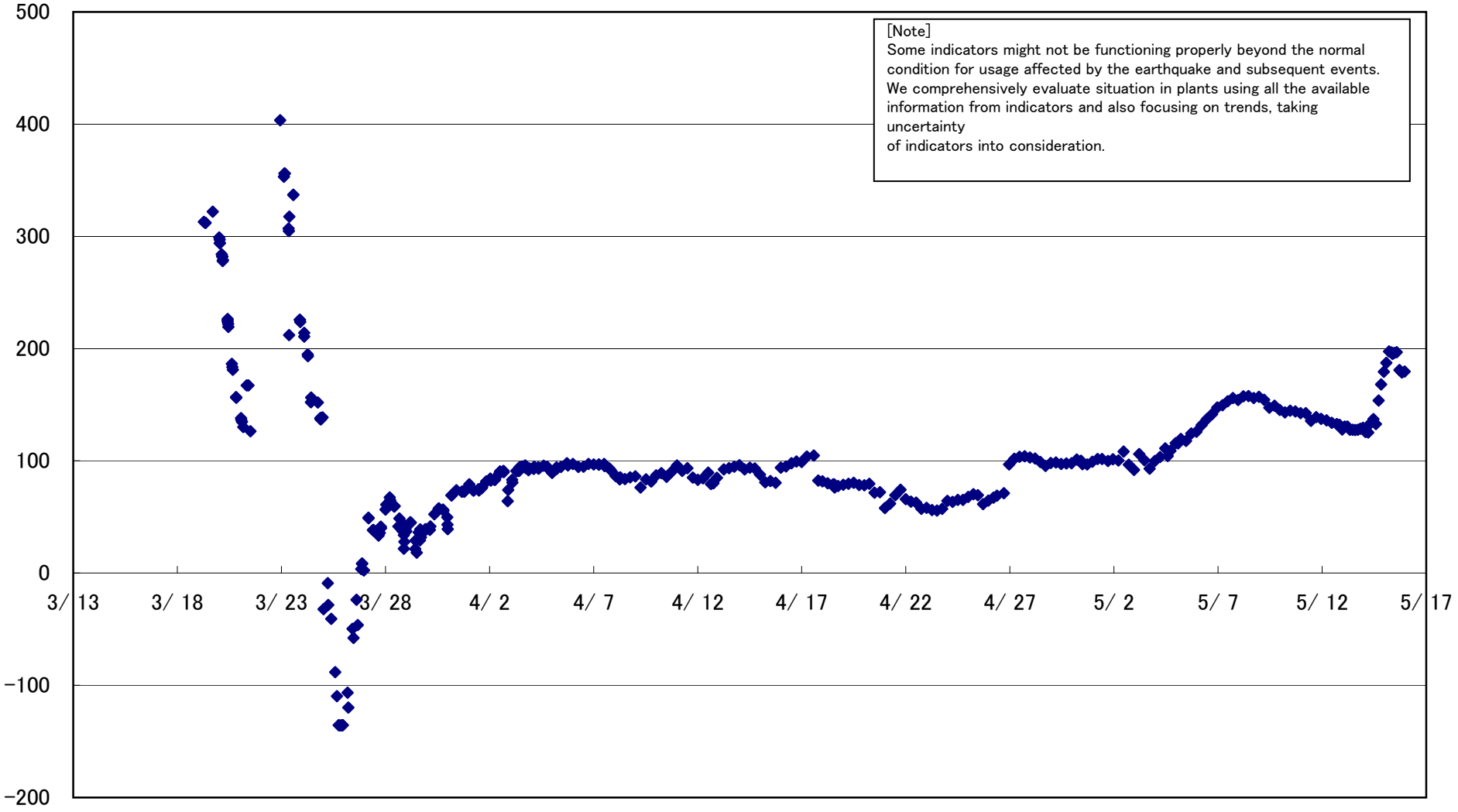
1F3 RPV Bottom Part (Bottom head)(℃)



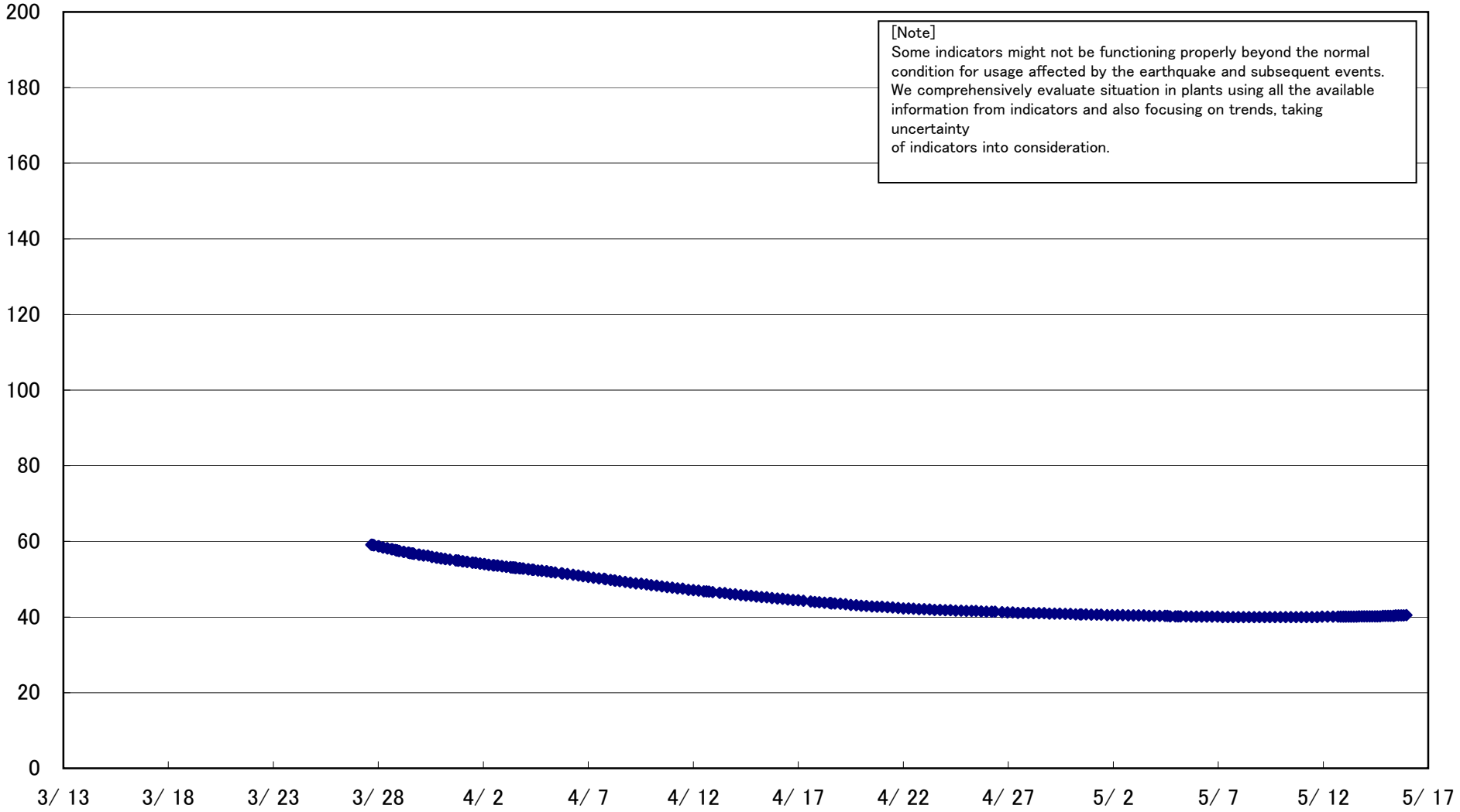
1F3 RPV Bellows Air(℃)



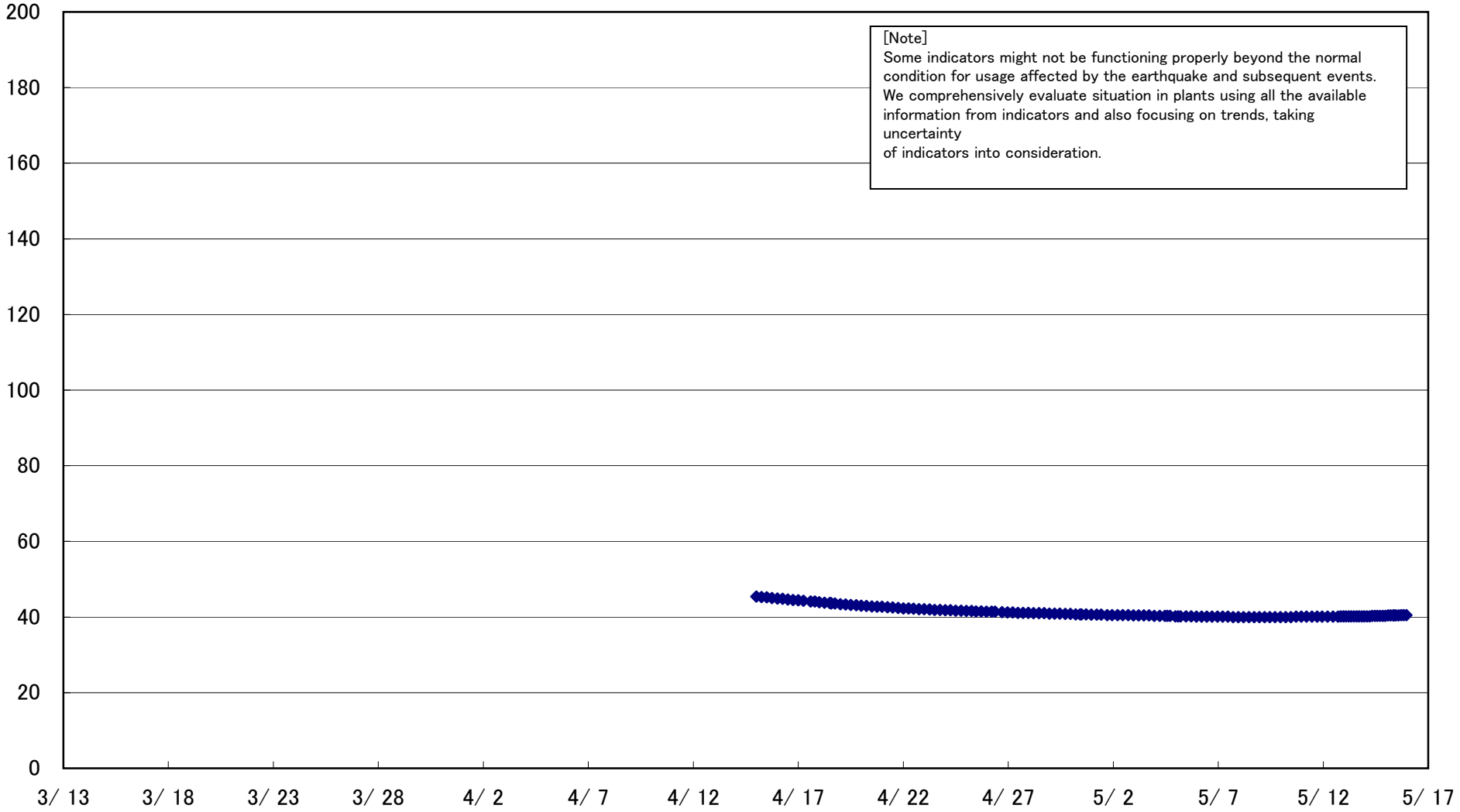
1F3 D/W HVH Return Duct Air(℃)



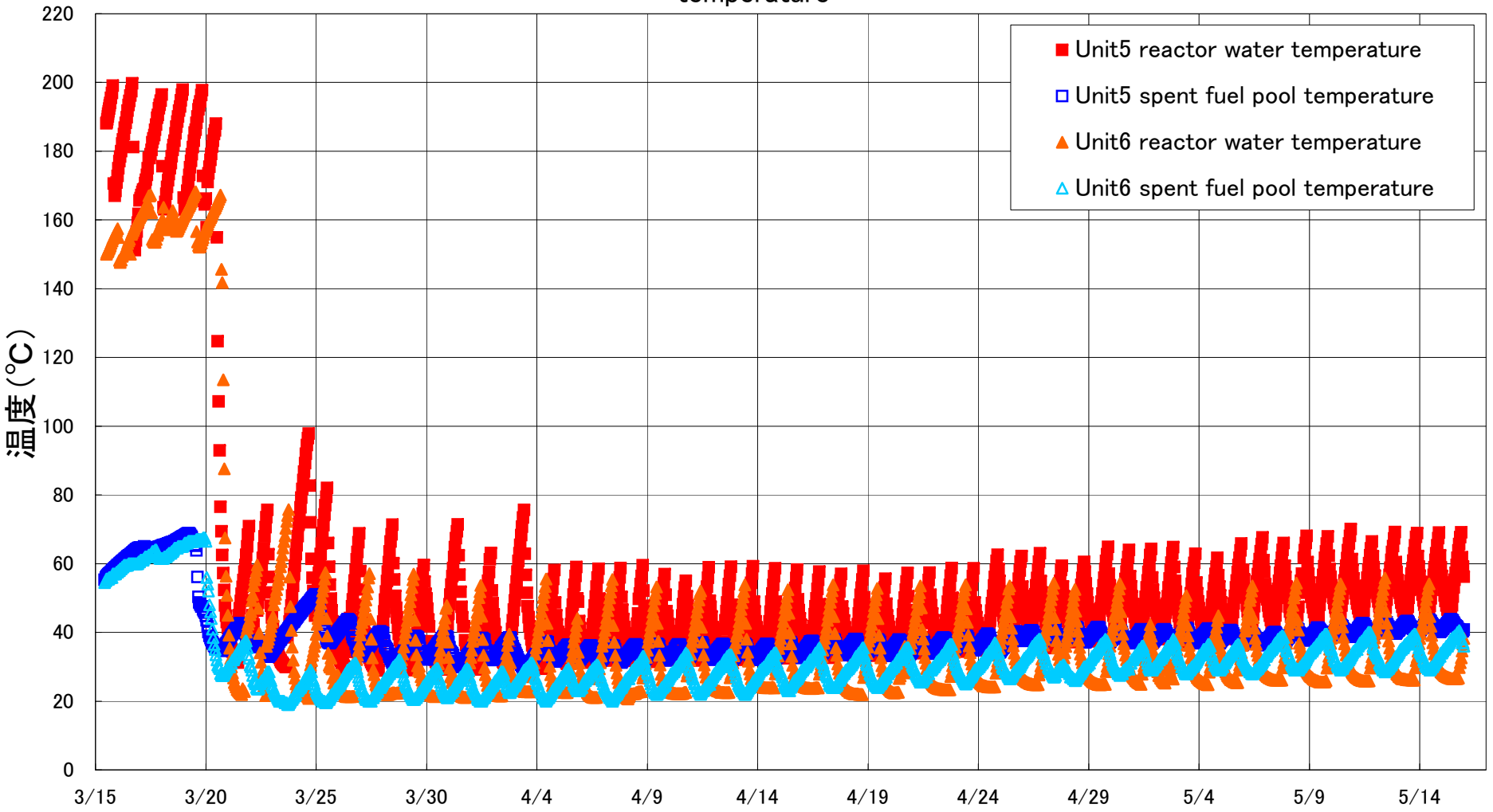
1F3 S/C Pool Water A(℃)

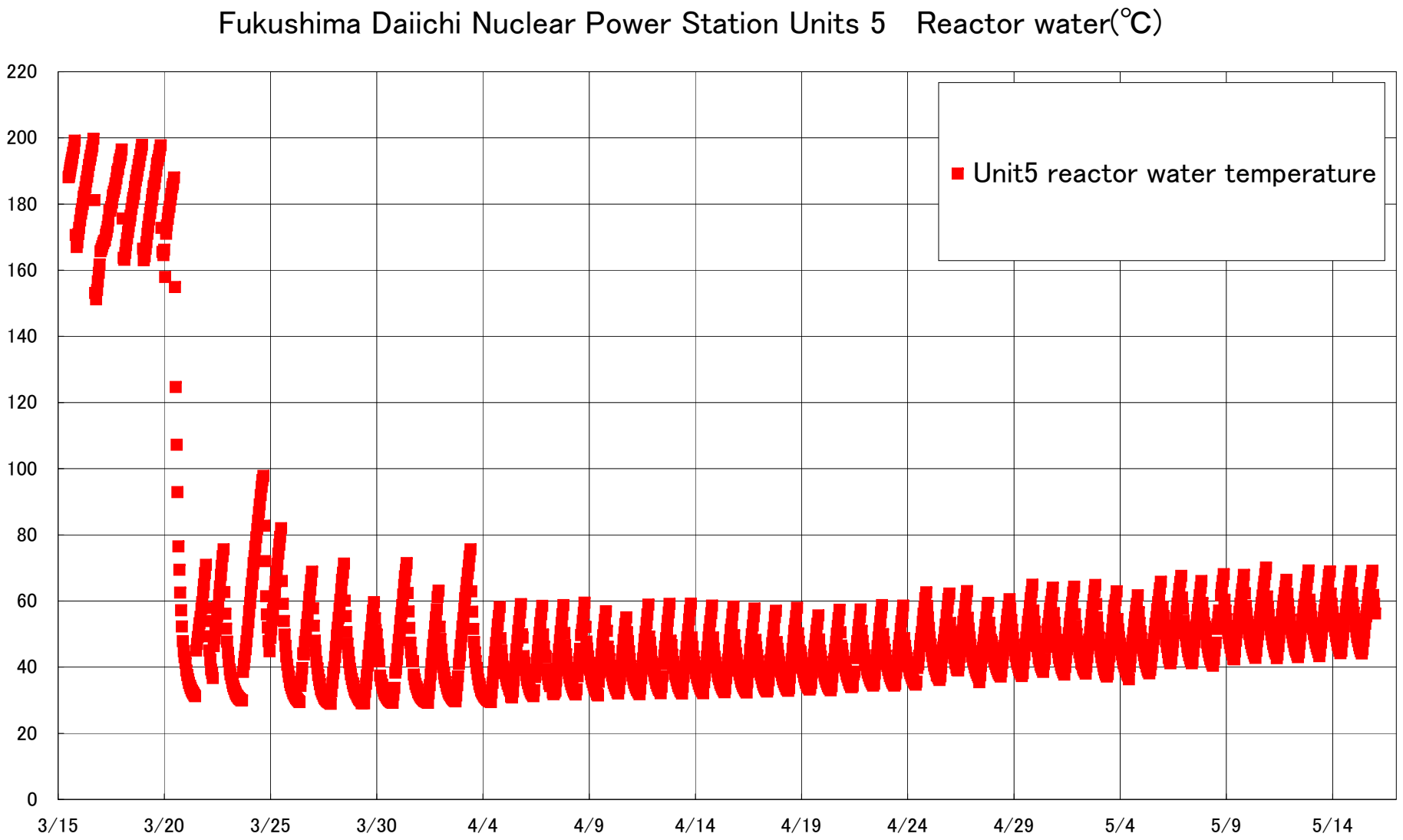


1F3 S/C Pool Water B(℃)

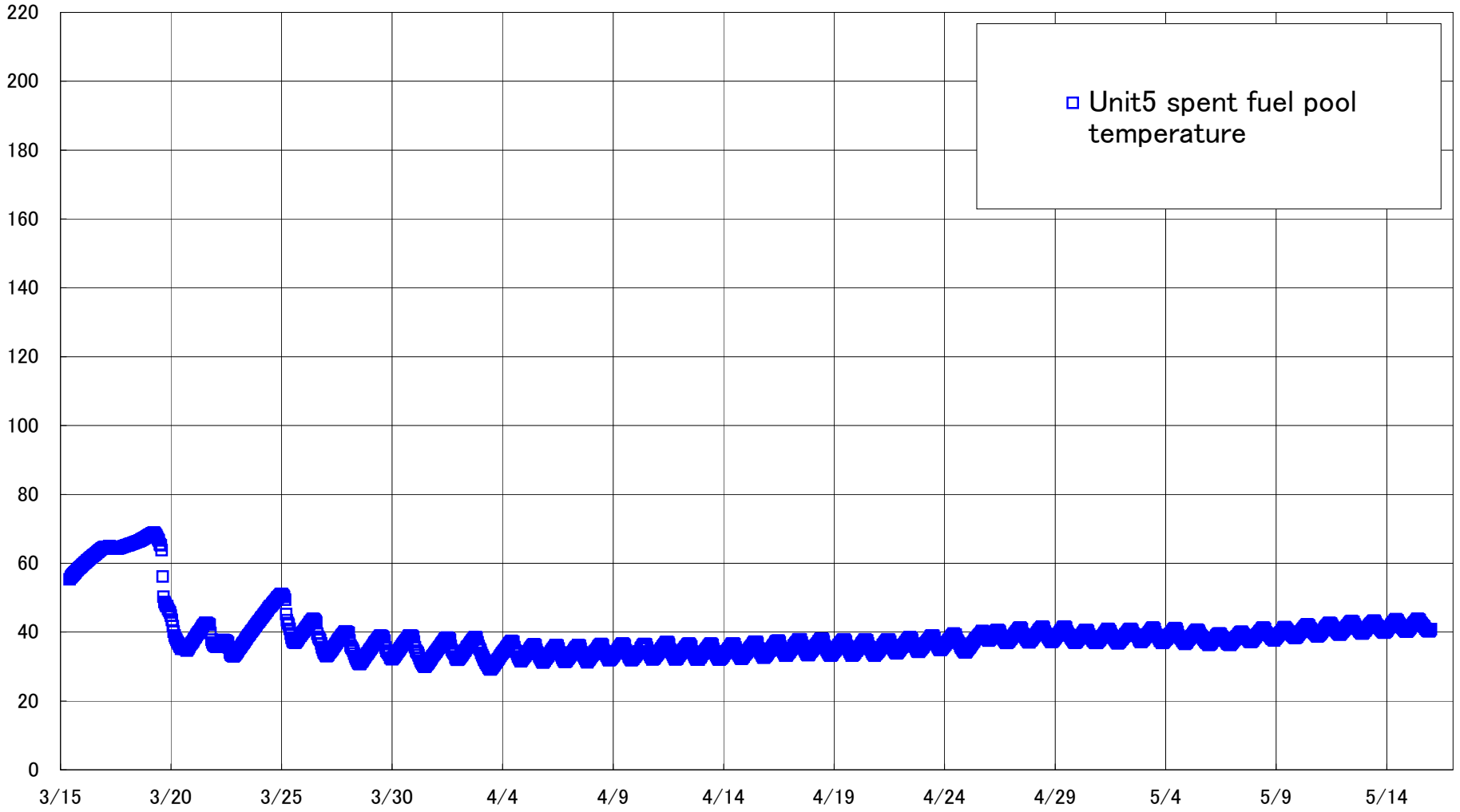


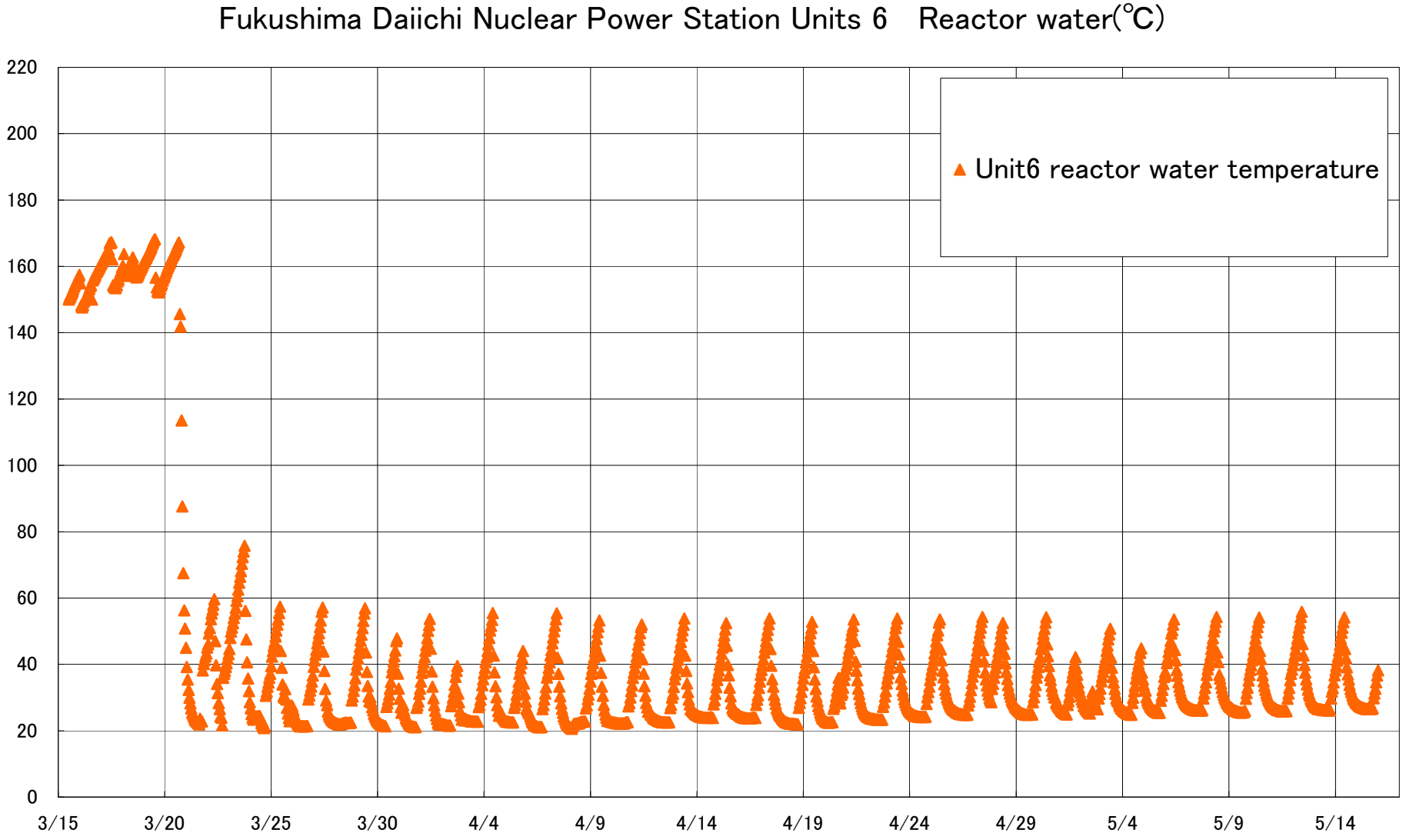
Fukushima Daiichi Nuclear Power Station Units 5･6　Reactor water /spent fuel pool temperature




Fukushima Daiichi Nuclear Power Station Units 5　Reactor water(℃)
Unit5 reactor water temperature
220
200
180
160
140
120
100
80
60
40
20
0
3/15
3/20
3/25
3/30
4/4
4/9
4/14
4/19
4/24
4/29
5/4
5/9
5/14

Fukushima Daiichi Nuclear Power Station Units 5 spent fuel pool temperature(℃)




Fukushima Daiichi Nuclear Power Station Units 6　Reactor water(℃)
220
200
180
160
140
120
100
80
60
40
20
0
3/15
3/20
3/25
3/30
4/4
4/9
4/14
4/19
4/24
4/29
5/4
5/9
5/14
Unit6 reactor water temperature

Fukushima Daiichi Nuclear Power Station Units 6 spent fuel pool temperature(℃)