## Volume of water injected into the reactor of Unit 1 to Unit 3 of Fukushima Nuclear Power Station < Estimation > (Start of seawater injection\*) ~ May 15, 2011

The changes are indicated in red.

\* For Unit 1, there were 80 kl of fresh water injected before injecting sea water. For Unit 3, there were uncertain amount of fresh water injected before swithing to seawater during May 12 to 13. (Note) Volume stated above contains result of calcuration using temporary flow meters and not taking instantaneous variance of flow into consideration and may different from actual volume of water injected into the reactor.

Date	Unit 1 Fukt	ushima Daiichi NPS	Unit 2 Fukushima Daiichi NF	PS	Unit 3 Fukushima Daiichi NPS		
	volume (per day)	accum.(seawater) accum.(fresh water)	volume (per day) accum. (seawat	er) accum.(fresh water)	volume (per day) accum.(seawater) accum.(fresh water)		
2011/3/12	approx. 31 kL (seawater)	approx. 31 kL					
2011/3/13	approx. 259 kL (seawater)	approx. 290 kL		/	approx. 389 kL (seawater) approx. 389 kL		
2011/3/14	approx. 56 kL (seawater)	approx. 346 kL	approx. 320 kL (seawater) approx. 320		approx. 505 kL (seawater) approx. 893 kL The cumulative		
2011/3/15	approx. 259 kL (seawater)	approx. 605 kL	approx. 1,872 kL (seawater) approx. 2,192		approx. 774 kL (seawater) approx. 1,667 kL value and the		
2011/3/16	approx. 259 kL (seawater)	approx. 864 kL	approx. 1,872 kL (seawater) approx. 4,064		approx. 864 kL (seawater) approx. 2,531 kL total value have		
2011/3/17	approx. 294 kL (seawater)	approx. 1,158 kL	approx. 1,157 kL (seawater) approx. 5,221		approx. 490 kL (seawater) approx. 3,021 kL been changed		
2011/3/18	approx. 475 kL (seawater)	approx. 1,633 kL	approx. 802 kL (seawater) approx. 6,023		approx. 360 kL (seawater) approx. 3,381 kL		
2011/3/19	approx. 449 kL (seawater)	approx. 2,082 kL	approx. 711 kL (seawater) approx. 6,734		approx. 494 kL (seawater) approx. 3,875 kL		
2011/3/20	approx. 48 kL (seawater)	approx. 2,130 kL	approx. 480 kL (seawater) approx. 7,214		approx. 393 kL (seawater) approx. 4,268 kL		
2011/3/21	approx. 38 kL (seawater)	approx. 2,167 kL	approx. 384 kL (seawater) approx. 7,598		approx. 24 kL (seawater) approx. 4,292 kL		
2011/3/22	approx. 42 kL (seawater)	approx. 2,209 kL	approx. 261 kL (seawater) approx. 7,860		approx. 24 kL (seawater) approx. 4,316 kL		
2011/3/23	approx. 301 kL (seawater)	approx. 2,510 kL	approx. 279 kL (seawater) approx. 8,138		approx. 24 kL (seawater) approx. 4,340 kL		
2011/3/24	approx. 226 kL (seawater)	approx. 2,736 kL	approx. 278 kL (seawater) approx. 8,416	/	approx. 69 kL (seawater) approx. 4,409 kL		
2011/3/25	approx. 106 kL (seawater)	approx. 2,842 kL	approx. 478 kL (seawater) approx. 8,894	kL /	approx. 271 kL (seawater) approx. 4,680 kL / approx. 88 kL (fresh water) / approx. 88 kL		
	approx. 60 kL (fresh water)	/	approx. 207 kL (seawater) approx. 9,101	<u>kl</u> /			
2011/3/26	approx. 173 kL (fresh water)	/ approx. 233 kL	approx. 207 kL (seawater) approx. 9,101 approx. 245 kL (fresh water)	/ approx. 245 kL	approx. 336 kL (fresh water) / approx. 424 kL		
2011/3/27	approx. 169 kL (fresh water)	/ approx. 402 kL	approx. 382 kL (fresh water)	approx. 627 kL	approx. 311 kL (fresh water) / approx. 735 kL		
2011/3/28	approx. 169 kL (fresh water)	/ approx. 571 kL	approx. 169 kL (fresh water)	/ approx. 797 kL	approx. 295 kL (fresh water) / approx. 1,030 kL		
2011/3/29	approx. 196 kL (fresh water)	/ approx. 767 kL	approx. 168 kL (fresh water)	approx. 965 kL	approx. 241 kL (fresh water) approx. 1,271 kL		
2011/3/30	approx. 192 kL (fresh water)	/ approx. 958 kL	approx. 192 kL (fresh water)	/ approx. 1,157 kL	approx. 167 kL (fresh water) approx. 1,438 kL		
2011/3/31	approx. 192 kL (fresh water)	approx. 1,150 kL	approx. 216 kL (fresh water)	approx. 1,373 kL	approx. 167 kL (fresh water) approx. 1,605 kL		
2011/4/1	approx. 184 kL (fresh water)	/ approx. 1,334 kL	approx. 216 kL (fresh water)	approx. 1,589 kL	approx. 167 kL (fresh water) approx. 1,772 kL		
2011/4/2	approx. 165 kL (fresh water)	/ approx. 1,499 kL	approx. 213 kL (fresh water)	approx. 1,802 kL	approx. 167 kL (fresh water) / approx. 1,939 kL		
2011/4/3	approx. 147 kL (fresh water)	/ approx. 1,646 kL	approx. 192 kL (fresh water)	approx. 1,994 kL	approx. 173 kL (fresh water) approx. 2,112 kL		
2011/4/4	approx. 144 kL (fresh water)	/ approx. 1,790 kL	approx. 192 kL (fresh water)	approx. 2,185 kL	approx. 168 kL (fresh water)   approx. 2,280 kL		
2011/4/5	approx. 144 kL (fresh water)	approx. 1,934 kL	approx. 192 kL (fresh water)	approx. 2,377 kL	approx. 168 kL (fresh water) approx. 2,448 kL		
2011/4/6	approx. 144 kL (fresh water)	approx. 2,078 kL	approx. 192 kL (fresh water)	approx. 2,568 kL	approx. 168 kL (fresh water) approx. 2,616 kL		
2011/4/7	approx. 144 kL (fresh water)	approx. 2,222 kL	approx. 187 kL (fresh water)	approx. 2,755 kL	approx. 168 kL (fresh water) approx. 2,784 kL		
2011/4/8	approx. 144 kL (fresh water)	approx. 2,366 kL	approx. 168 kL (fresh water)	approx. 2,923 kL	approx. 168 kL (fresh water)   approx. 2,952 kL		
2011/4/9 2011/4/10	approx. 144 kL (fresh water) approx. 144 kL (fresh water)	approx. 2,510 kL approx. 2,654 kL	approx. 168 kL (fresh water) approx. 168 kL (fresh water)	approx. 3,091 kL approx. 3,259 kL	approx. 168 kL (fresh water) approx. 3,120 kL approx. 168 kL (fresh water) approx. 3,288 kL		
2011/4/10	approx. 144 kL (fresh water) approx. 139 kL (fresh water)	/	approx. 168 kL (fresh water) approx. 162 kL (fresh water)	approx. 3,259 kL approx. 3,421 kL	approx. 168 kL (fresh water)   approx. 3,288 kL approx. 162 kL (fresh water)   approx. 3,450 kL		
2011/4/11	approx. 139 kL (fresh water)	approx. 2,793 kL   approx. 2,937 kL	approx. 168 kL (fresh water)	approx. 3,421 kL	approx. 168 kL (fresh water) approx. 3,450 kL approx. 3,618 kL		
2011/4/12	approx. 144 kL (fresh water)	approx. 2,937 kL approx. 3,081 kL	approx. 168 kL (fresh water)	approx. 3,369 kL	approx. 168 kL (fresh water) approx. 3,786 kL		
2011/4/13	approx. 144 kL (fresh water)	approx. 3,001 kL	approx. 168 kL (fresh water)	approx. 3,737 kL	approx. 168 kL (fresh water) approx. 3,766 kL approx. 3,954 kL		
2011/4/15	approx. 144 kL (fresh water)	approx. 3,369 kL	approx. 167 kL (fresh water)	approx. 4,092 kL	approx. 168 kL (fresh water) / approx. 4,122 kL		
2011/4/16	approx. 144 kL (fresh water)	approx. 3,513 kL	approx. 168 kL (fresh water)	approx. 4,260 kL	approx. 168 kL (fresh water) approx. 4,290 kL		
2011/4/17	approx. 144 kL (fresh water)	approx. 3,657 kL	approx. 168 kL (fresh water)	approx. 4,428 kL	approx. 168 kL (fresh water) / approx. 4,458 kL		
2011/4/18	approx. 144 kL (fresh water)	approx. 3,801 kL	approx. 168 kL (fresh water)	approx. 4,595 kL	approx. 168 kL (fresh water) / approx. 4,626 kL		
2011/4/19	approx. 144 kL (fresh water)	/ approx. 3,945 kL	approx. 168 kL (fresh water)	approx. 4,763 kL	approx. 168 kL (fresh water) / approx. 4,794 kL		
2011/4/20	approx. 134 kL (fresh water)	/ approx. 4,079 kL	approx. 168 kL (fresh water)	approx. 4,931 kL	approx. 144 kL (fresh water) / approx. 4,938 kL		
2011/4/21	approx. 139 kL (fresh water)	approx. 4,218 kL	approx. 169 kL (fresh water)	approx. 5,100 kL	approx. 154 kL (fresh water) approx. 5,092 kL		

Date	Unit 1 Fukushima Daiichi NPS			Unit 2 Fukushima Daiichi NPS			Unit 3 Fukushima Daiichi NPS		
Date	volume (per day)	accum.(seawater)	accum.(fresh water)	volume (per day)	accum.(seawater)	accum.(fresh water)	volume (per day)	accum.(seawater)	accum.(fresh water)
2011/4/22	approx. 144 kL (fresh water)		approx. 4,362 kL	approx. 168 kL (fresh water		/ approx. 5,268 kL	approx. 161 kL (fresh water)	/	approx. 5,254 kL
2011/4/23	approx. 143 kL (fresh water)		/ approx. 4,505 kL	approx. 166 kL (fresh water	] /	approx. 5,434 kL	approx. 160 kL (fresh water)		approx. 5,413 kL
2011/4/24	approx. 143 kL (fresh water)	/	approx. 4,649 kL	approx. 167 kL (fresh water	] /	approx. 5,601 kL	approx. 163 kL (fresh water)	/	approx. 5,576 kL
2011/4/25	approx. 143 kL (fresh water)		approx. 4,792 kL	approx. 168 kL (fresh water)	] /	approx. 5,769 kL	approx. 164 kL (fresh water)		approx. 5,741 kL
2011/4/26	approx. 145 kL (fresh water)	/	approx. 4,937 kL	approx. 167 kL (fresh water)	] /	approx. 5,936 kL	approx. 161 kL (fresh water)	/	approx. 5,902 kL
2011/4/27	approx. 200 kL (fresh water)		approx. 5,136 kL	approx. 167 kL (fresh water	] /	approx. 6,103 kL	approx. 161 kL (fresh water)		approx. 6,063 kL
2011/4/28	approx. 240 kL (fresh water)	/	approx. 5,376 kL	approx. 168 kL (fresh water	] /	approx. 6,271 kL	approx. 163 kL (fresh water)	/	approx. 6,226 kL
2011/4/29	approx. 185 kL (fresh water)	/	approx. 5,562 kL	approx. 167 kL (fresh water	/	approx. 6,438 kL	approx. 159 kL (fresh water)		approx. 6,386 kL
2011/4/30	approx. 144 kL (fresh water)	/	approx. 5,706 kL	approx. 166 kL (fresh water	/	approx. 6,604 kL	approx. 156 kL (fresh water)		approx. 6,542 kL
2011/5/1	approx. 144 kL (fresh water)	/	approx. 5,850 kL	approx. 166 kL (fresh water)	/	approx. 6,769 kL	approx. 157 kL (fresh water)		approx. 6,699 kL
2011/5/2	approx. 143 kL (fresh water)		approx. 5,993 kL	approx. 168 kL (fresh water)	/	approx. 6,937 kL	approx. 163 kL (fresh water)		approx. 6,861 kL
2011/5/3	approx. 143 kL (fresh water)	/	approx. 6,136 kL	approx. 168 kL (fresh water)	] /	approx. 7,105 kL	approx. 165 kL (fresh water)	/	approx. 7,027 kL
2011/5/4	approx. 144 kL (fresh water)		approx. 6,280 kL	approx. 167 kL (fresh water)	] /	approx. 7,272 kL	approx. 195 kL (fresh water)		approx. 7,222 kL
2011/5/5	approx. 144 kL (fresh water)	/	approx. 6,424 kL	approx. 168 kL (fresh water)	/	approx. 7,440 kL	approx. 216 kL (fresh water)		approx. 7,438 kL
2011/5/6	approx. 172 kL (fresh water)	/	approx. 6,596 kL	approx. 168 kL (fresh water)	/	approx. 7,608 kL	approx. 216 kL (fresh water)		approx. 7,654 kL
2011/5/7	approx. 192 kL (fresh water)	/	approx. 6,788 kL	approx. 168 kL (fresh water)	/	approx. 7,776 kL	approx. 216 kL (fresh water)		approx. 7,870 kL
2011/5/8	approx. 192 kL (fresh water)	/	approx. 6,980 kL	approx. 168 kL (fresh water)	/	approx. 7,944 kL	approx. 216 kL (fresh water)		approx. 8,086 kL
2011/5/9	approx. 192 kL (fresh water)		approx. 7,172 kL	approx. 168 kL (fresh water)	] /	approx. 8,112 kL	approx. 216 kL (fresh water)		approx. 8,302 kL
2011/5/10	approx. 192 kL (fresh water)		approx. 7,364 kL	approx. 167 kL (fresh water)	] /	approx. 8,279 kL	approx. 216 kL (fresh water)		approx. 8,518 kL
2011/5/11	approx. 191 kL (fresh water)		approx. 7,556 kL	approx. 168 kL (fresh water)	] /	approx. 8,446 kL	approx. 216 kL (fresh water)		approx. 8,733 kL
2011/5/12	approx. 190 kL (fresh water)		approx. 7,746 kL	approx. 167 kL (fresh water)	] /	approx. 8,613 kL	approx. 235 kL (fresh water)		approx. 8,968 kL
2011/5/13	approx. 191 kL (fresh water)	/	approx. 7,936 kL	approx. 166 kL (fresh water	] /	approx. 8,779 kL	approx. 287 kL (fresh water)		approx. 9,255 kL
2011/5/14	approx. 192 kL (fresh water)	/	approx. 8,128 kL	approx. 168 kL (fresh water	]/	approx. 8,947 kL	approx. 337 kL (fresh water)		approx. 9,592 kL
2011/5/15	approx. 213 kL (fresh water)	/	approx. 8,341 kL	approx. 168 kL (fresh water	Y	approx. 9,115 kL	approx. 370 kL (fresh water)		approx. 9,963 kL
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	Total	approx.	11,183 kL	Total	approx.	18,216 kL	Total	approx. 1	4,643 kL