

“

”

, 11 1 ... .

2001 150 4  
 , 11 1 가 2 7 .

가

2

			(ppb)	(pCi/L)	(pCi/L)
	-	-	30 < >	4,000 < >	15 < >
	150	295	0.4 (ND 3.3)	1,088.2 (ND 11,985.9)	0.8 (ND 19.7)
	79	157	0.4 (ND 3.3)	1,394.6 (ND 11,383.9)	0.6 (ND 11.2)
	66	128	0.4 (ND 3.0)	787.8 (ND 11,985.9)	1.2 (ND 19.7)
	5	10	0.05 (ND 0.2)	122.0 (13.1 341.0)	0.2 (ND 2.2)
	-	-	-	11	1

+ 5pCi/L 8 226 ND 0.32pCi/L

++ ( ) : , ( ) 2,700pCi/L, 13,500pCi/L, EU, ,

( ) 27,000pCi/L

+++ , , 가

++++ 3,000pCi/kg , (山梨縣)

(増富) 45,900pCi/kg

(EPA) 4000pCi/

2700pCi/ , 1 3000pCi/ , 2 7000pCi/

4200pCi/ 1 2000pCi/

15pCi/

가 19.7pCi/

가 , 가

가 4 5000 pCi/

가 . 가

가

	$1.3 \times 10^{-7}$	$3.1 \times 10^{-4}$	$2.7 \times 10^{-6}$
	$1.4 \times 10^{-7}$	$4.5 \times 10^{-4}$	$2.9 \times 10^{-6}$
,	$1.2 \times 10^{-7}$	$1.6 \times 10^{-4}$	$2.4 \times 10^{-6}$
	$1.0 \times 10^{-3}$		

+ (ICRP) (NCRP)

가

가 3 1 1 1

99%가

(曝氣) 75-95%

( ) (2001)

		(400pCi/L)	(15pCi/L)		
(1)	가 2 692-4	11,384	-	AR1-27	+
(2)	102-3	4,347	-	K3-01	
		5,372	-	AR1-03	+
(3)	339	11,986	-	K2-02	+
	36	7,046	-	AR1-09	+
	1 584	5,167	-	AR1-11	
(1)	가	10,076	-	AR1-12	+
(2)	1	4,214	-	AR1-15	
	21-2	11,068	-	AR2-05	
(2)	27-5	8,966	-	K1-11	
	222-7	-	19.70	K2-14	
(1)		6,862	-	K1-02	

+ , 2002 2 5

550pCi/L

++ AR1: , AR2: , K1: , K2: , K3:

, 2001 가 1998 가

1999

4

3

2002

180

2003

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