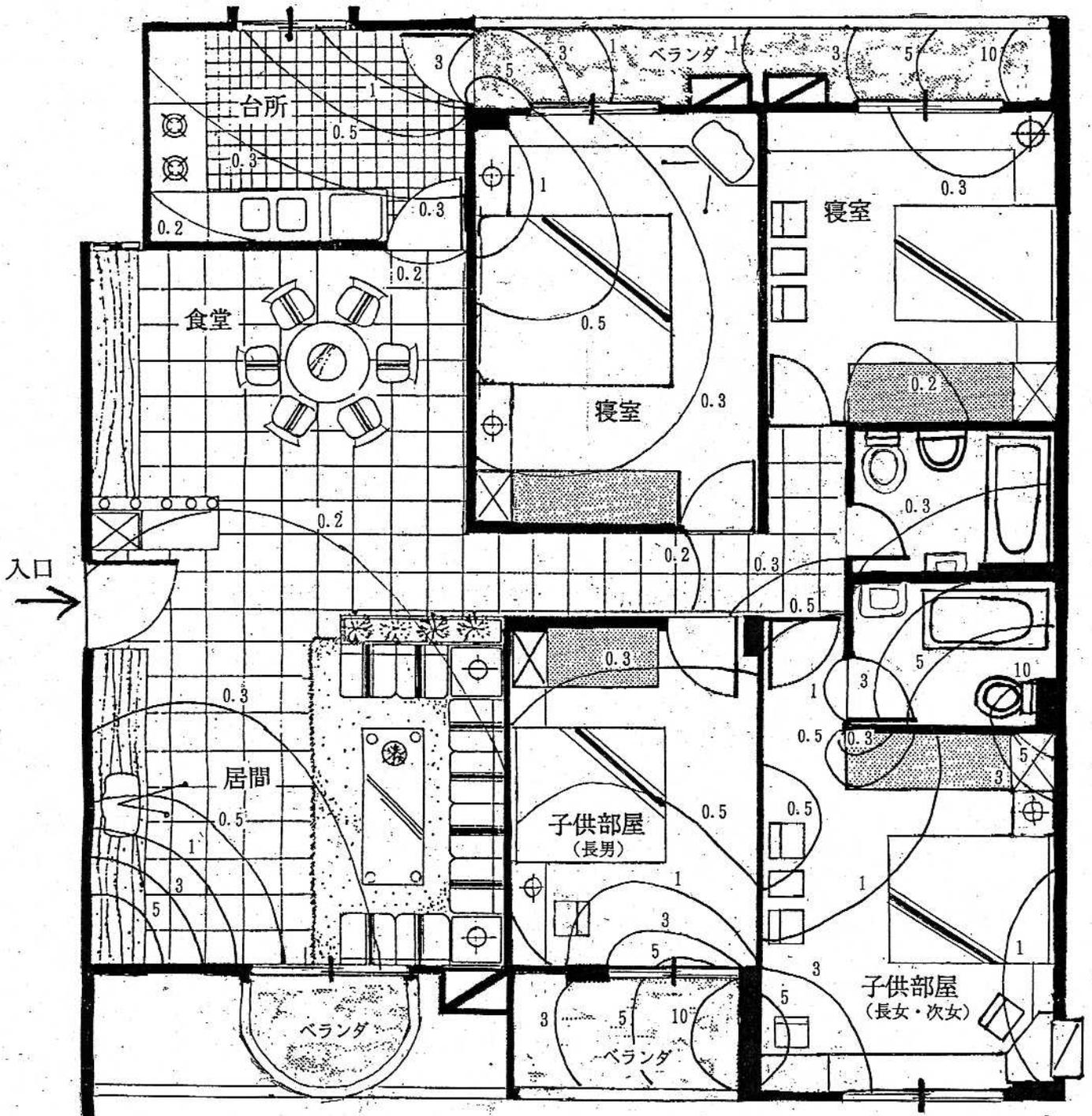


台湾台北市・さん宅の空間線量分布図（床上1mで測定）

単位： $\mu\text{Sv}/\text{hr}$ （HAMAMATSU;SS- γ で測定）

Background は $\sim 0.1\mu\text{Sv}/\text{hr}$

（アパート周辺の道路での測定値は、 $0.15\sim 0.22\mu\text{Sv}/\text{hr}$ ）



龍江路257巷1号4F



各住戶最高劑量點屏蔽厚度前後兩次估算比較表

編號	最高劑量率 ($\mu\text{rem/h}$)	500 $\mu\text{rem/y}$ (公佈)		原建議受災戶之屏蔽厚度 (cm)	
		屏蔽材質與厚度 (cm)		(第一次) (修正)	
		鉛	混凝土	鉛	混凝土
1	14.00	5.2	20.7	12.2	68.3
2	13.50	5.1	20.3	12.2	67.9
3	10.50	5.4	20.1	12.5	70.0
4	11.00	4.7	24.5	11.8	65.8
5	14.80	5.3	27.2		
6	11.80	4.9	25.1		
7	2.50	2.2 (廣面)	11.2		
8	6.50	3.8	20.0	6.5	36.3
9	4.60	3.2	10.7		
10	6.80	3.9	20.2	10.9	60.8
11	25.00	0.2	31.9	13.3	74.3
12	15.20	5.3	27.4		
13	13.50	5.1	20.3	12.2	67.9
14	7.20	4.2	20.7		
15	2.70	2.3 (廣面)	12.0		
16	51.00	7.4	38.2	14.6	81.8
17	7.00	3.9	15.2	10.9	61.1
18	0.00	3.7	10.1	10.7	59.5
19	9.60	4.5	23.3		
20	8.50	4.3	22.2		
21	6.30	3.8	19.5	10.7	60.0
22	7.00	3.9	15.2	10.9	61.1
23	3.50	2.8	14.2	9.6	53.8
24	4.50	3.2	16.5	10.1	50.5
25	5.55	3.0	18.4	10.5	58.6
26	20.00	5.8	30.0		
27	3.50	2.8	14.2	9.6	53.8
28	4.50	3.2	16.5		
29	0.80	0	0		
30	0.10	0	0	3.9	21.9
31	0.10	0	0		
32	11.10	4.8	24.0		
33	11.20	4.8	24.0		
34	4.00	3.0	16.5		

由這比較表可看出：原委會給住戶的屏蔽資料跟10天後對外公佈數字相差一半，可見法定數值都可以隨「政策」而改變。如這真也否認，那只有證明核研所一批專家博士們學識能力不足，再不然就是偽造數字欺騙社會。

表 民生別墅受污染住戶輻射劑量統計表

編號	前九年累積		今年		未來十年	
	累積劑量 (合目)	危險度	劑量 (合目)	危險度	累積劑量 (合目)	危險度
1	120	1.5×10^{-2}	6.7	8.4×10^{-4}	40	5.0×10^{-3}
2	110	1.4×10^{-2}	5.9	7.4×10^{-4}	35	4.4×10^{-3}
3	100	1.3×10^{-2}	5.5	6.9×10^{-4}	33	4.1×10^{-3}
4	80	1.0×10^{-2}	4.4	5.4×10^{-4}	26	3.2×10^{-3}
5	56	7.0×10^{-3}	3.0	3.8×10^{-4}	18	2.3×10^{-3}
6	53	6.6×10^{-3}	2.9	3.6×10^{-4}	17	2.1×10^{-3}
7	50	6.3×10^{-3}	2.7	3.4×10^{-4}	16	2.0×10^{-3}
8	49	6.1×10^{-3}	2.6	3.3×10^{-4}	16	2.0×10^{-3}
9	49	6.1×10^{-3}	2.6	3.3×10^{-4}	16	2.0×10^{-3}
10	46	5.8×10^{-3}	2.5	3.1×10^{-4}	15	1.9×10^{-3}
11	43	5.4×10^{-3}	2.3	2.9×10^{-4}	14	1.8×10^{-3}
12	40	5.0×10^{-3}	2.1	2.6×10^{-4}	13	1.6×10^{-3}
13	39	4.9×10^{-3}	2.1	2.6×10^{-4}	13	1.6×10^{-3}
14	32	4.0×10^{-3}	1.7	2.1×10^{-4}	10	1.3×10^{-3}
15	30	3.8×10^{-3}	1.6	2.0×10^{-4}	9.7	1.2×10^{-3}
16	30	3.8×10^{-3}	1.6	2.0×10^{-4}	9.7	1.2×10^{-3}
17	29	3.6×10^{-3}	1.6	2.0×10^{-4}	9.3	1.2×10^{-3}

以
70年
7000
17倍
1200年

台湾・台北市

とん宛

1993.5.10

K.OGINO

上下方向のサーベイ結果 (子供部屋西南角の壁から北へ6.5cm)

(測定器; HAMANATSU-SS)

(壁に密着して測定)

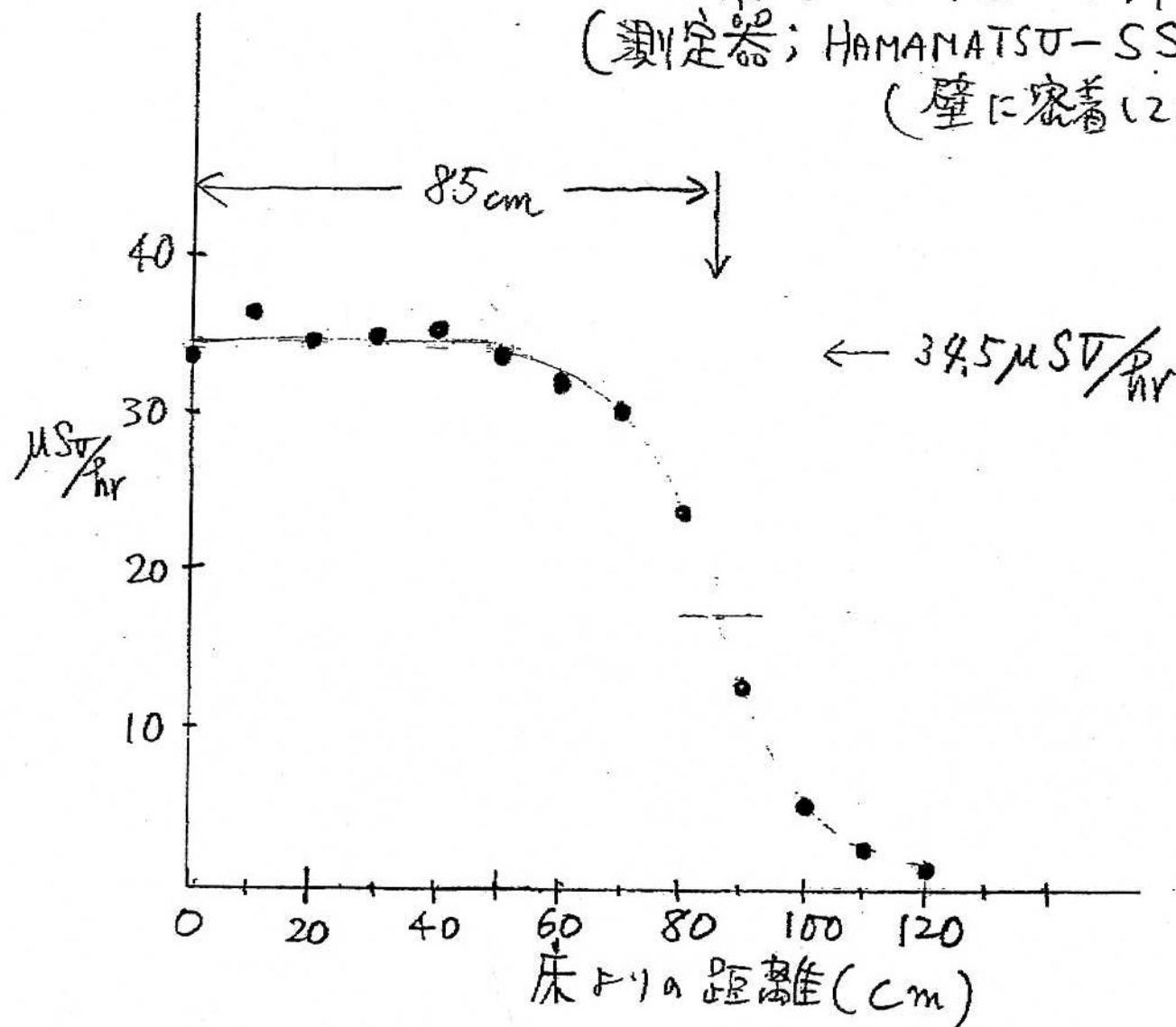


TABLE 1

REPORTED INCIDENTS OF RADIOACTIVE MATERIAL IN STEEL OR STEEL SCRAP

DATE	TYPE OF FACILITY	STATE OR COUNTRY	RADIONUCLIDE	QUANTITY	LIKELY SOURCE	COMMENTS
Feb 1983	Steel plant	NY	cobalt 60	25-300 Ci	Industrial radiography or medical therapy source in scrap	420 nCi/g in steel billets
Jan 1984	Steel plant, foundry, scrap yard	Mexico	cobalt 60	400 Ci	Medical therapy source in scrap	0.02 - 375 mR/hr at surface of table legs and rebar
Aug 1984	Steel plant	Taiwan	cobalt 60	10-20 mCi	Gauge in scrap	0.08 mR/hr at surface of plumbing fixture
Oct 1984	Steel plant	PA	none		Medical diagnostic radionuclide shield still having radiation symbol	Symbol recognized by worker
Oct 1984	Steel plant	SC	cesium 137	1 Ci	Gauge melted when covered by molten steel	17 nCi/l in cooling water
Mar 1985	Scrap yard	MT	cesium 137	0.5 Ci	Gauge lost by licensee, found at scrap yard	
Apr 1985	Steel plant	Brazil	cobalt 60	unknown	Reportedly refractory wear indicating sources from furnace lining	26 pCi/g in steel well casing pipe
Jul 1985	Steel plant	WA	NORM	unknown	Scale in oil well casing	
Jul 1985	Steel plant	AL	cesium 137	10-50 mCi	Gauges in scrap	492 nCi/g in soil contamination
Jul 1985	Steel plant	PA	none		Unknown radionuclide shield still having radiation symbol	Symbol recognized by worker
Aug 1985	Scrap yard	PA	unknown	unknown	Stainless steel tubes	0.7 mR/hr at contact
Nov 1985	Steel plant	FL	NORM	unknown	Scrap steel from phosphate plant	10 mR/hr at contact
Feb 1986	Steel plant	TX	NORM	unknown	Water softener housing in scrap	3 mR/hr at contact
May 1986	Scrap yard	TX	NORM	unknown	Scale in oil well casing	0.045 mR/hr at contact
Aug 1986	Scrap yard	TX	unknown	unknown	1" diameter water pipe in scrap	
Aug 1986	Scrap yard	TX	unknown	unknown	Pipe in scrap	
Oct 1986	Steel plant	FL	strontium 90	unknown	Source found in empty rail car	800 mR/hr at contact

DATE	TYPE OF FACILITY	STATE OR COUNTRY	RADIONUCLIDE	QUANTITY	LIKELY SOURCE	COMMENTS
Nov 1986	Highway cattle guard	TX	NORM	unknown	Oil well casing fabricated into highway cattle guard	1.5 mR/hr at contact
Nov 1986	Scrap yard	WI	none		Industrial radiography shield still having radiation warning symbol	Symbol recognized by worker
Dec 1986	Scrap yard	PA	NORM	unknown	Mixing paddles from kaolin plant	2 mR/hr at contact
Jan 1987	Scrap yard	PA	NORM	unknown	Stainless steel pipes from Fla. phosphate processing plant	2 mR/hr at contact
Feb 1987	Steel plant	PA	radium 226 thorium	unknown	Stainless steel pipes containing scale	1 mR/hr at contact 40 nCi/g (Ra) 27 nCi/g (Th)
Apr 1987	Scrap yard	PA	radium 226 thorium	unknown	Stainless steel pipes from Fla. phosphate processing plant	0.5 mR/hr at contact
Apr 1987	Scrap yard	PA	NORM	unknown	Scale in pipe from Fla. phosphate processing plant	---
Apr 1987	Steel plant	IL	radium 226	unknown	Static eliminators	275 mR/hr at contact 1 mR/hr at 3 feet
May 1987	Steel plant	PA	NORM	unknown	Stainless steel pipes	1 mR/hr at contact
Jun 1987	Steel plant	TN	cesium 137	20-25 mCi	Unknown probable gauge	5-725 pCi/g in baghouse dust, 1.5 mR/hr at contact with truck sides
Sep 1987	Steel plant	IN	radium 226	unknown	Dross from aluminum plant, detected by plant processing dross	2-3 nCi/g in dross
Oct 1988	Scrap yard	TX	cesium 137	50 mCi	Gauge discarded by licensee	---

NORM - Naturally occurring radioactive material

Note: PA and TX appear to predominate in the number of reported incidents because personnel from those states are trying to track such incidents.

Table adapted from data taken from references (1), (2), (3), and from data collected by the author.