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GENERAL AND COMPLETE DISARMAMENT

Notification of nuclear tests

Note by the Secretary-General

I. INTRODUCTION

1. On 30 November 1987, the General Assembly adopted resolution 42/38 C, the operative part of which reads as follows:

"The General Assembly,

"...

"1. Calls upon all States to comply with resolution 41/59 N;

"2. Again urges each of the States conducting nuclear explorations to provide to the Secretary-General within one week of each nuclear explosion such data referred to in paragraph 1 of resolution 41/59 N as they may have available;

"3. Invites all other States to provide to the Secretary-General any such data on nuclear explosions they may have available;

"4. Requests the Secretary-general to make this information immediately available to all Member States and to submit to the General Assembly annually a register of the information provided on nuclear explosions during the preceding twelve months."

2. Pursuant to paragraph 4 of the resolution, the relevant information received from three member States - Australia, New Zealand and the Union of Soviet Socialist Republics - during the preceding 12 months (15 September 1988-14 September 1989) is reproduced in section II of the present note in the form of an annual register.

3. The information presented in section II was previously circulated in documents A/43/152 and Add.7-11 and A/44/87 and Add.1-5.

II. ANNUAIREGISTER

A. Data provided by States

AUSTRALIA

Data on nuclear explosions derived from Australian seismological facilities and from institutions in other countries co-operating in the monitoring of earthquakes and nuclear explosions

Report on presumed underground nuclear explosions*

(January 1987-June 1988)

Month	Day	Universal time h min	Locality	Estimated body-wave magnitude	Estimated yield kilotonnes	Sequence number
1987						
January			Nil			
February	3	1520	Nevada	#a	<10	87/01
	11	1645	Nevada	4.5	<10	87/02
	26	0456	Ear t Kazakhs tan	5.4	10 - 40	87/03
March	12	0157	East Kaaakhstan	5.5	20 - 80	87/04
	18	1828	Nevada	4.3	<10	87/05
April	3	0117	East Kaaakhstan	6.1	>80	87/06
	17	0103	East Kaaakhstan	6.0	40 - 150	87/07
	18	1340	Nevada	5.5	40 - 150	87/08
	19	0400	Ural	4.5	<10	87/09
	19	0405	Ural	4.4	<10	87/10
	22	2200	Nevada	4.2	<10	87/11
	30	1330	Nevada	5.5	40 - 150	87/12
May	5	1656	Mururoa	4.9	5 - 20	87/13
	6	0402	East Kazakhstan	5.6	20 - 80	87/14
	20	1705	Mururoa	5.6	20 - 80	87/15

* For complete explanatory notes, see A/44/87 and Add.3 and 5,

Month	Day	Universal time h min	Locality	Estimated body-wave magnitude	Estimated yield kilotonnes	Sequence number
June	5	0500	Lop Nor	6.2	>80	87/16
	6	0237	East Kazakhstan	5.3	10 - 40	87/17
	6	1800	Mururoa	4.7	<10	87/18
	18	1520	Nevada	#b	<10	87/19
	20	0053	East Kazakhstan	6.1	>80	87/20
	20	1600	Nevada	#b	<10	87/21
	21	1755	Mururoa	5.1	5 - 20	87/22
	30	1605	Nevada	4.6	<10	87/23
July	7	0000	Central Siberia	5.1	10 - 40	87/24
	16	1900	Nevada	4.8	5 - 20	87/25
	17	0117	East Kazakhstan	5.8	40 - 150	87/26
	24	0200	Central Siberia	5.1	5 - 20	87/27
August	2	0058	East Kazakhstan	5.9	40 - 150	87/28
	2	0200	Novaya Zemlya	5.8	40 - 150	87/29
	12	0130	Central Siberia	5.0	5 - 20	87/30
	13	1400	Nevada	5.9	>80	87/31
September	16	0730	East Kazakhstan	#c	#c	87/32
	18	0232	East Kazakhstan	4.3	<10	87/33
	24	1500	Nevada	5.7	>80	87/34
October	3	1515	West Kazakhstan	5.2	10 - 40	87/35
	16	0606	East Kazakhstan	4.6	<10	87/36
	23	1600	Nevada	5.2	20 - 80	87/37
	23	1650	Mururoa	5.5	20 - 80	87/38
November	5	1730	Mururoa	5.7	40 - 150	87/39
	15	0331	East Kazakhstan	6.0	40 - 150	87/40
	19	1631	Mururoa	5.9	40 - 150	87/41
	29	1759	Mururoa	4.6*	<10	87/42
December	1	1630	Nevada	#d	<10	87/43
	2	1630	Nevada	4.1	<10	87/44
	13	0321	East Kazakhstan	6.1	40 - 150	87/45
	20	0255	East Kazakhstan	4.8	<10	87/46
	27	0305	East Kazakhstan	6.0	40 - 150	87/47

Month	Day	Universal time h min	Locality	Estimated body-wave magnitude	Estimated yield kilotonnes	Sequence number
1988						
January			Nil			
February	6	0419	Part Kazakhstan	4.8	<10	88/01
	13	030s	East Kazakhstan	6.0	40 - 150	88/02
	15	1810	Nevada	5.3	20 - 80	88/03
March			Nil			
April	3	0133	East Kazakhstan	6.0	40 - 150	88/04
	07	1715	Nevada	4.1	<10	88/05
	22	0930	East Kazakhstan	4.9.	5 - 20	88/06
May	4	0057	East Kazakhstan	6.1	>80	88/07
	7	2250	Novaya Zemlya	5.6	20 - 80	88/08
	11	1700	Mururoa	5.5	20 - 80	88/09
	13	1536	Nevada	4.8	5 - 20	88/10
	21	2230	Nevada	4.3	<10	88/11
	25	1701	Mururoa	5.6	20 - 80	88/12
June	2	1300	Nevada	5.4	40 - 150	88/13
	14	0227	tart Karakhrtan	4.9	5 - 20	88/14
	16	1715	Mururoa	4.8*	<10	88/15
	22	1430	Nevada	#e	<10	88/16
	23	1731	Mururoa	5.3	10 - 40	88/17
July	7	1505	Nevada	5.7	>80	88/18
August	17	1700	Nevada	5.4	40 - 150	88/19
	22	1620	NW Siberia	5.3	10 - 40	88/20
	23	1830	Nevada	4.1	<10	88/21
	30	1800	Nevada	5.0	10 - 40	88/22
September	6	1620	European USSR	4.8	<10	88/23
	14	0400	East Kazakhstan	6.1	>80	88/24
	28	0700	Lop Nor	4.9*	5 - 20	88/25
October	13	1400	Nevada	5.9	40 - 150	88/26
	18	0340	East Kazakhstan	4.9	0 - 10	88/27
	25	1700	Mururoa	4.2*	0 - 10	88/28

* Magnitude ● rtimatrd using New Zealand seismic data only,

Month	Day	Universal time h min	Locality	Estimated body-wave ma@tude	Estimated yield kilotonnes	Sequence number
November	5	1830	Mururoa	5.4	40	88/29
	12	0330	East Kasakhstan	5.2	10 - 40	88/30
	23	0357	East Kasakhstan	5.3	10 - 40	88/31
	23	1701	Mururoa	5.4	20 - 80	88/32
	30	1755	Fangataufa	5.5	20 - 80	88/33
December	4	0520	Novaya Zemlya	s.9	40 - 150	88/34
	10	2030	Nevada	8.0	10 - 40	88/35
	17	0418	East Kasakhstan	5.9	20 - 80	88/36
	28	0528	Ear tKasakhstan		0 - 10	88/37
1989						
January	22	0367	East Kasakhstan	6.0	40 - 150	89/1
February	10	2006	Nevada	5.2	20 - 80	89/2
	12	0415	East Kaaakhrtaa	5.9	40 - 150	89/3
	17	0401	East Kasakhstan	5.0	5 - 20	89/4
	24	1616	Nevada	4.4	<10	89/5
March	9	1406	Nevada	4.9	10 - 40	89/6

NEW ZEALAND

Data on nuclear explosions at Mururoa Atoll, 1988*

Geographic co-ordinates: 21°50'S latitude
138°55'W longitude

Date	Time (New Zealand rtandard time) (hours)	Yield estimate (Kilotonnes)
12 May	0500	20
26 May	0501	80
17 June	0515	5
24 Juno	0531	30
26 October	0500	1
6 November	0430	50
24 November	0501	40

Data on nuclear explosions at Fangataufa Atoll, 1988*

Geographic co-ordinates: 22°15'S latitude
138°45'W longitude

Date	Time (New Zealand rtandard time) (hours)	Yield estimate (Kilotonnes)
1 December	0555	100

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* For complete explanatory notes, see A/44/87/Add.3, annex.

B. Information provided by States

UNION OF SOVIET SOCIALIST REPUBLICS*

1. On 14 September 1988, at 8 a.m. Moscow time, an underground nuclear explosion with a yield of between 100 and 150 kilotons war conducted in the region of Semipalatinsk.

2. The test was conducted in the interests of a Soviet-American verification experiment.

3. On 18 October 1988, at 6.40 a.m. Morcow time, an underground nuolear explosion with a yield not exceeding 20 kilotons was conducted at a test rite in the region of Semipalatinsk.

4. The above-mentioned test was conducted with a view to verifying the results of research into nuclear-explosion physics.

5. On 12 November 1988, at 6.30 a.m. Morcow time, an underground nuolear explosion with a yield not exceeding 20 kilotons was conducted in the Soviet Union at a tort side in the region of Semipalatinsk.

6. The above-mentioned test was conducted with a view to improving military technology.

7. On 23 Novemt .· 1988, at 6.57 a.m. Moscow time, an underground nuclear explosion with a yield not exceeding 20 kiloton8 was conducted at a test rite in the region of Semipalatinck.

8. The above-mentioned test war conducted with a view to verifying the results of rerearch into nuclear-explosion physics.

9. On 4 December 1968, at 6.20 a.m. Morcow time, an underground nuclear explosion with a yield of between 20 and 150 kiloton8 was conducted in the Soviet Union in the Novaya Zemlya region.

10. The above-mentioned test wae conducted with a view to improving military technology.

11. On 17 December 1988, at 7.18 a.m. Morcow time, an underground nuclear explosion with a yield of between 20 and 150 kilotons was conducted in the Soviet Union at a tort site in the Semipalatinsk region.

12. The tert was conducted with a view to refining military technology.

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* For complete explanatory notes, see A/43/152 and Add.7-11 and A/44/07 and Add.1 and 2 and Add.4 and 5.

13. On 26 December 1988, at 8.28 a.m. Moscow time, an underground nualrar ● xplorioa with a yield of up to 20 kilotonr was conduotod in the Soviet Union at a tort rite in the Semipalatinrk region,

14. The tort wan oonduated to check the results of research into the physics of aualrar explosions.

15. On 22 Jaauary 1989, at 6.57 a.m. Moscow time, an underground nuclear ● xplorion with a yield of between 20 and 150 kilotons was conducted in the Soviet Union in the Semipalatinsk region.

16. The tort war aonduoted with a view to refining military technology.

17. On 12 February 1989, at 7.15 a.m. Morcow time, an underground nuolear ● xplorion with a yield of between 20 and 150 kilotonr war conducted in the Soviet Union, at a test site in the Semipalatinrk region.

18. The tort was conducted with a view to refining military technology.

19. On 17 February 1989, at 7.01 a.m. Morcow time, an underground nuoloar ● xplo8ion with a yield of up to 20 kilotoar war conducted in the Soviet Unioa, at a tort rite in the Semipalatinrk region.

20. The teat was conducted to check the results of research into the physics of nuclear ● xplorionr.

21. On 8 July 1989, at 7.47 a.m. Morcow time, an underground nuolear ● xplo8ion with a yield of up to 20 kiloton8 was conducted in the Soviet Unioa, at a tort rite in the Semipalatinrk region.

22. The tort was conducted with a view to refining military technology.

23. On 2 September 1989, at 8.17 a.m. Moscow time, a nuclear e xplosion with a yield of up to 20 kiloton8 was conducted in the Soviet Union, at a tort site in the Semipalatinsk region.

24. The tort was conducted with a view to refining military technology.
