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File:Disarmament (respective file)

Mr. Pal Csillag
Officer-in-Charge
Centre for Disarmament
Mr. Mikhail D. Sytenko
Under-Secretary-General
for Political and Security Council Affairs

28 August 1980

Albert Rohan
Director
Executive Office of the Secretary-General
Report on Comprehensive Study on Nuclear Weapons

I wish to refer to the memorandum of 15 August 1980 from Mr. Bota to the Secretary-General on the above subject.

As discussed with your office, attached is an amended final paragraph, for the Secretary-General's forward.

The Secretary-General wishes to thank the experts for their unanimous report which, in pursuance of paragraph 4 of resolution 33/91 D, he hereby submits to the General Assembly for its consideration. It should be noted that the observations and recommendations contained in the report are those of the experts. In this connexion, the Secretary-General would like to point out that in the complex field of disarmament matters, in many instances he is not in a position to pass judgement on all aspects of the work accomplished by experts.

Note to AR

RA felt that the underlined sentence above should be retained. I read the amended paragraph to Csillag who agreed with the text. However, he felt that the South African study was less contentious and perhaps did not warrant such a positive disclaimer. Nonetheless, it would seem better to adopt a uniform text for all such studies.

AF 28.9



A/R

UNITED NATIONS



NATIONS UNIES

RECEIVED

INTEROFFICE MEMORANDUM

MEMORANDUM INTERIEUR

AUG 15 1980

TO: The Secretary-General
A:

DATE: 15 August 1980

THROUGH: *for* Mr. Enuga Reddy
S/C DE: Officer-in-Charge
Department of Political and Security Council Affairs

J. Oshay

REFERENCE: _____

A. Khan / M. 15/8

FROM: Liviu A. Bota
DE: Officer-in-Charge
Centre for Disarmament

Liviu Bota

SUBJECT: Report on a Comprehensive Study on Nuclear Weapons
OBJET:

..... Attached please find for your consideration and approval the report entitled "Comprehensive Study on Nuclear Weapons" prepared by a Group of Experts in pursuance of General Assembly resolution 33/91 D, together with a draft foreword by you.

I would like to draw your attention in particular to the last paragraph of the draft foreword which contains a disclaimer in line with the policy adopted previously on similar matters.

After your approval, the report will be submitted to the thirty-fifth session of the General Assembly.

UNITED NATIONS

Distr.
GENERAL

GENERAL ASSEMBLY

A/35/...

ORIGINAL: ENGLISH

Thirty-fifth session

Agenda item 48 (b) of the provisional agenda *

GENERAL AND COMPLETE DISARMAMENT

Comprehensive Study on Nuclear Weapons

Report of the Secretary-General

1. By resolution 33/91 D of 16 December 1978, the General Assembly requested the Secretary-General, with the assistance of qualified experts, to carry out a comprehensive study on nuclear weapons.
2. Pursuant to that resolution, the Secretary-General appointed a Group of Experts, which met from 9 to 13 July and 15 to 19 October 1979 and from 23 January to 1 February, 21 to 25 April and 7 to 12 July 1980.
3. By a letter dated 12 July 1980, the Chairman of the Group of Experts transmitted to the Secretary-General the report which is hereby submitted to the General Assembly.

* A/35/150

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FOREWORD BY THE SECRETARY-GENERAL

By its resolution 33/91 D of 16 December 1978, the General Assembly requested the Secretary-General, with the assistance of qualified experts, to carry out a comprehensive study providing factual information on present nuclear arsenals, trends in the technological development of nuclear-weapon systems, the effects of their use and the implications for international security as well as for negotiations on disarmament of: (a) the doctrines of deterrence and other theories concerning nuclear weapons; (b) the continued quantitative increase and qualitative improvement and development of nuclear-weapon systems.

In pursuance of the resolution, a group of qualified experts was appointed after consultations with Member States. The Group held five sessions between July 1979 and July 1980.

The experts, in their personal capacities, have submitted to the Secretary-General a unanimous report containing their considered views on a subject matter whose great importance is only matched by the intricate and complex nature of the various aspects involved. The report constitutes, in effect, the first United Nations study to be undertaken on the subject of nuclear weapons in over ten years, since the publication of the previous United Nations study entitled "Effects of the Possible Use of Nuclear Weapons and the Security and Economic Implications for States of the Acquisition and Further Development of These Weapons." In its resolution 33/91 D which contained the mandate for the present study, the General Assembly noted that many important developments have taken place in the nuclear arms sector since the earlier study and that the new study would make

a valuable contribution to the dissemination of factual information and to international understanding of the issues involved. In this context, it needs once again to be emphasized that nuclear disarmament continues to be the overriding priority in the effort to restrain the armaments race. The tenth special session of the General Assembly devoted to disarmament, which was held in 1978, gave tangible recognition to this reality when in its Final Document it noted that nuclear weapons pose the greatest danger to mankind and the survival of civilization and underscored the need to halt and reverse the nuclear arms race in all its aspects in order to avert the danger of nuclear war. Since the ultimate goal in this context is the complete elimination of nuclear weapons, careful study and continuous assessment of nuclear-weapon problems are clearly required to assist the international community in achieving progress in this field. In this light, also, the new study assumes a rightful place as a vehicle for disseminating further information on a topic of such vital importance to all.

The Secretary-General wishes to point out that the observations and recommendations contained in the report are those of the experts and that he is not in a position to pronounce himself on all aspects thereof. The Secretary-General wishes to thank the experts for their unanimous report which, in pursuance of paragraph 4 of resolution 33/91 D, he hereby submits to the General Assembly for its consideration.

Letter of transmittal

(date...)

Sir,

..... I have the honour to submit herewith the report of the Group of Experts on a Comprehensive Study on Nuclear Weapons which was appointed by you in pursuance of paragraph 1 of General Assembly resolution 33/91 D of 16 December 1978.

The Experts appointed by you were the following:

Professor F.K.A. Allotey
Pro-Vice-Chancellor
-Dean of Faculty of Science
University of Science and Technology
Kumasi, Ghana

Mr. Fathih K. Bouayad-Agha
Minister Plenipotentiary
Secretariat General
Ministry of Foreign Affairs
Algeria

Colonel Milutin Civić
Special Adviser on Disarmament
Ministry of Foreign Affairs
Belgrade, Yugoslavia

Lic. Francisco Correa-Villalobos
Counsellor
Permanent Mission of Mexico to the United Nations
New York

Dr. Ryukichi Imai
General Manager, Engineering Dept.
The Japan Atomic Power Co.
Tokyo, Japan
Ambassador Extraordinary and Plenipotentiary
Ambassador of Japan in Kuwait

His Excellency
Mr. Kurt Waldheim
Secretary-General of the
United Nations
New York, N.Y. 10017

/...

Professor Albert Legault
 Director General of the Quebec Center for International Relations
 University of Laval
 Faculty of Social Sciences
 Quebec, Canada

Mr. Jamsheed K. A. Marker
 Ambassador Extraordinary and Plenipotentiary
 Permanent Representative of Pakistan to the
 United Nations Office at Geneva

Mr. José María Otegui
 First Secretary of Embassy
 Ministry of Foreign Affairs
 Buenos Aires, Argentina

Mr. Alan Oxley
 Nuclear and Defence Division
 Department of Foreign Affairs
 Canberra A.C.T., Australia

Mr. Gheorghe Tinca
 First Secretary
 Ministry of Foreign Affairs
 Bucharest, Romania

Mr. Anders I. Thunborg
 Ambassador Extraordinary and Plenipotentiary
 Permanent Representative of Sweden to
 the United Nations

Mr. M. A. Vellodi
 Adviser
 Department of Atomic Energy
 Bombay, India

The report was prepared between July 1979 and July 1980, during which period, the Group held five sessions, from 9 to 13 July 1979 in New York, 15 to 19 October 1979 in Geneva, and 23 January to 1 February 1980, 21 to 25 April 1980 and 7 to 12 July 1980 in New York.

At the first two sessions of the Group, Mr. Macereddine Haffad participated as an expert from Algeria and Professor Owen Harries participated as an expert from Australia.

V.
2/11/54

The members of the Group of Experts wish to express their appreciation for the valuable assistance which they received from members of the Secretariat of the United Nations. They wish, in particular, to convey their thanks to Mr. Alessandro Corradini, Centre for Disarmament, who served as Secretary of the Group during the first two sessions, to Mr. Sohrab Kheradi, also from the Centre, who served as Secretary during the three subsequent sessions and to Professor Richard L. Garwin, who served in his private capacity as consultant to the Secretariat on Chapters I and II of the report.

I have been requested by the Group of Experts, as its Chairman, to submit to you on its behalf its report which was unanimously approved.

Accept, Sir, the assurances of my highest consideration.

Anders I. Thunborg
Chairman
Group of Experts on a Comprehensive
Study on Nuclear Weapons

AKUMS / File: Disarmament

bf/ AR/JPB/MKP/GMM/AF/MJS

24 March 1980

Mr. Pal Csillag
Officer-in-charge
Centre for Disarmament
Mr. E.S. Reddy
Officer-in-charge
Dept. of Political and Security Council Affairs
Rafeuddin Ahmed
Chef de Cabinet

Report on a Comprehensive Test Ban

With reference to Mr. Martenson's memorandum of 19 March,
and the changes discussed with you, please issue the
report as proposed.

The letter of the Secretary-General transmitting the
report to the Chairman of the Committee on Disarmament
is attached.

AKUMS cc: SG cc/ Mr. Martenson
bf: RA/AR/JPB/MKP/GMM/AF/MJS
File: Comm.on Dis.

24 March 1980

Dear Mr. Ambassador,

In accordance with General Assembly decision 34/422 of 11 December 1979, I have the honour to transmit to you the report on a Comprehensive Nuclear Test Ban, which was prepared in the Secretariat with the assistance of four consultant experts.

Accept, Mr. Ambassador, the assurances of my highest consideration.

Kurt Waldheim

His Excellency
Mr. Yu Pei-Wen
Ambassador and Permanent Representative
of the People's Republic of China to the
United Nations Office at Geneva
Chairman
Committee on Disarmament

NOTE TO THE SECRETARY-GENERAL

SG
 I recommend
 your approval. RA
 24/3

By decision 34/422, the General Assembly requested you to prepare the study on a comprehensive nuclear test ban (CTB), which had been recommended by the Advisory Board on Disarmament Studies. The Assembly's decision envisaged that the study be carried out "in the Secretariat, with the help of four consultant experts" and is to be submitted to the Committee on Disarmament in the spring of 1980.

The Centre for Disarmament submitted the report last week. In consultation with Messrs. Martenson and Jaipal, it was decided to delete the letter of transmittal by the experts as well as the reference (in the foreword) to the experts' "unanimous approval" of the report, since the Centre did suggest several changes in the text.

The Centre for Disarmament considers the study to be "generally of high quality". It is also pointed out, however, that more emphasis might have been put on: the positive effects of a short-term CTB; the complexities facing the nuclear powers in concluding a treaty; and the desirability of the adherence of all nuclear powers to a CTB.

Since this report is submitted by you, the foreword therefore contains a disclaimer: "... I am aware that the subject of a comprehensive test ban has a variety of interrelated aspects on which there are many different views".

(P.2)

The Centre for Disarmament, in consultation with Mr. Jaipal, recommends your approval of the study and we would support that recommendation.

A letter of transmittal to the Chairman of the Committee on Disarmament is attached for your signature.

A. Knippenberg-Uther/ms
 24 March 1980 *abu*

UNITED NATIONS



NATIONS UNIES

INTEROFFICE MEMORANDUM

MEMORANDUM INTERIEUR

AKU RA
1973
19 March 1980

TO: The Secretary-General
A:

DATE: 19 March 1980

THROUGH:
S/C DE:

FROM: Jan Mårtenson
DE: Officer-in-Charge
Department of Political and
Security Council Affairs

SUBJECT: Expert Report on a Comprehensive Test Ban
OBJET:

1. By decision 34/422, the General Assembly requested you to prepare the study on the question of a comprehensive nuclear test ban which had been recommended by the Advisory Board whose recommendation you endorsed in document A/34/588, in which it was envisaged that the study could be carried out in the Secretariat, with the help of four consultant experts.

2. Accordingly, you appointed Mr. A. Corradini, formerly of the Centre for Disarmament; Dr. W. Epstein, formerly of the Centre for Disarmament and UNITAR and now a professor in Canada; Mr. J. Goldblat of SIPRI and Mr. K.P. Jain, Ministry of External Relations, New Delhi. They have prepared the report with the help of the Secretariat.

3. The report, which has been adopted unanimously by the experts, is generally of high quality. It has been scrutinized by myself and my senior collaborators within the Centre in the light of the fact that it is to be a report of the Secretary-General. In several respects we have considered it necessary to make changes in the presentation and we have obtained the concurrence of the experts thereto. Nevertheless, I should point out that there are still some passages in which, had the report been prepared exclusively by the Secretariat, we would probably have used a somewhat more differentiated emphasis in the presentation. In particular this is the case with respect to:

- a. the discussion on the duration of the Comprehensive Test Ban (CTB). The experts have pointed out the disadvantages of a CTB of short duration but have not pointed out that, even so, such a treaty might have certain positive effects;
- b. the report tends, to some extent, to ignore the complexities facing the negotiating nuclear powers in concluding a treaty; and
- c. the report could have laid more stress on the desirability of the adherence of all the nuclear powers to a CTB.

/...

As a whole the document is acceptable.

4. I wish to draw attention specifically to the inclusion by the experts of salient parts of your statement of 1972 to the CCD. This is contained in Appendix A and referred to in paragraph 14.

5. I should point out that in one respect we have not obtained the expert's agreement: paragraph 28 made explicit references to the explosion by the Soviet Union, on 30 October 1961, of a nuclear device of 50 megatons yield, "the largest ever undertaken". We consider this inappropriate as it disturbs the balance of the presentation, but at least two of the experts were unwilling to delete this. Nevertheless, I suggest deletion and inclusion of footnote 3 which would merely refer to the General Assembly resolution in which mention of this particular test is made.

..... 6. I have prepared a letter (attached) transmitting the report to the Chairman of the Committee on Disarmament; you will recall that the Assembly requested that the report should be completed in time to be so transmitted, in the spring of 1980.

cc: Mr. Kashirin

DRAFT

24 Nov 1980

Sir,

In accordance with General Assembly decision 34/422 of 11 December 1979, I have the honour to transmit to you the report on a Comprehensive Nuclear Test Ban, which was prepared in the Secretariat with the assistance of four consultant experts.

Accept, Sir, the assurances of my highest consideration.

Kurt Waldheim
Secretary-General

His Excellency, Mr. Yu Pei-Wen
Ambassador and Permanent Representative
of the People's Republic of China to the
United Nations Office at Geneva
Chairman
Committee on Disarmament

24 March 1980

Sir,

In Accordance with General Assembly decision 34/422 of 11 December 1979, I have the honour to transmit to you the report on a Comprehensive Nuclear Test Ban, which was prepared in the Secretariat with the assistance of four consultant experts.

Accept, Sir, the assurances of my highest consideration.

Kurt Waldheim
Secretary-General

His Excellency
Mr. Yu Pei-Wen
Ambassador and Permanent Representative
of the People's Republic of China to the
United Nations Office at Geneva
Chairman
Committee on Disarmament



Aku

INTEROFFICE MEMORANDUM

MEMORANDUM INTERIEUR

TO: Mr. Rafeuddin Ahmed
A: Chef de Cabinet, Executive Office
of the Secretary-General

DATE: 28 March 1980

THROUGH:
S/C DE:

REFERENCE: _____

FROM: Mikhail D. Sytenko
DE: Under-Secretary-General for Political
and Security Council Affairs

of RA/AR/...
RA
4/4

SUBJECT: Study on CTB by the Secretary-General

1. Due to my absence from Headquarters I have only now the opportunity to give some comments on the above-mentioned study.
2. While being in agreement with the text as it is, having in mind that the study to be submitted by the Secretary-General has to be of the highest possible quality, I wish to suggest a few changes. These suggestions are aimed at the maximum factual correctness and are motivated by the wish to protect the Secretary-General from being involved in some presentations that might be seen, by some, as being controversial.
3. My suggestions are as follows:
 - (a) Para. 44 - in last sentence replace "abandoned" by "withdrew";
 - (b) Para. 44 - in sixth line correct the date of the entry into force of the Treaty to 10 October 1963 instead of 5 March 1970 (see also appendice C);
 - (c) Para. 115 - in sixth line reference on PNE's to be brought in line with para. 139 and to read "... explosions for peaceful purposes would be covered by a protocol as an integral part of the treaty ...";
 - (d) Para. 121 - third line, replace at the end of the line "international" by "agreed"; global (see also 8.127) ✓
 - (e) Para. 148 - In order not to associate the Secretary-General with this particular statement, add at the beginning "According to some views" and replace at the end of the line "would" by "might". NO
4. Messrs. J. Martenson and R. Jaipal have been advised on the desirability of such changes.

support our acceptance
of these changes -
no per conversation
on 3/3 Abu

Informed Mr. Martenson that we
agreed to changes proposed (as above)
and asked him to go ahead and release
the report in Geneva.

Abu 1/4

MS

bf: AR/JPB/MKP/GMM/AF/MJS
File : Disarmament

16 January 1980

Mr. Jan Martenson
Assistant Secretary-General
Centre for Disarmament
Mr. Mikhail D. Sytenko
Under-Secretary-General for
Political and Security Council Affairs
Rafeeuddin Ahmed
Chef de Cabinet

Study on a Comprehensive Nuclear Test Ban

With reference to your memorandum of 10 January 1980,
please proceed as proposed.

UNITED NATIONS

INTEROFFICE MEMORANDUM



NATIONS UNIES

MEMORANDUM INTERIEUR

AR/AF
RA
11/1

TO: The Secretary-General

A:

DATE: 10 January 1980

THROUGH: Mr. Mikhail D. Sytenko
S/C DE: Under-Secretary-General for
Political and Security Council Affairs

FROM: J. Mårtensson
DE: Assistant Secretary-General
Centre for Disarmament

SUBJECT: Study on a Comprehensive Nuclear Test Ban
OBJET:

1. At its thirty-fourth session, the General Assembly decided to request the Secretary-General to prepare, with the help of four consultant experts, a study on the question of a comprehensive nuclear test ban. The decision followed a recommendation made by the Advisory Board on Disarmament Studies, as conveyed to the Assembly in the report of the Secretary-General, A/34/588, paragraphs 14, 16 and 17 (copy attached).

2. The Assembly has expressed the wish that the study should be completed in time to be transmitted to the Committee on Disarmament in the Spring of 1980. This means that the substantive work should be completed by the end of February.

3. As a result of urgent consultations we have obtained the services of the following four experts to undertake this study:

Dr. A. Corradini

Mr. J. Goldblat (of SIPRI)

Dr. W. Epstein

Amb. K.P. Jain (Ministry of Foreign Affairs of India)

We expect these persons each to complete a part of the study and then to meet in New York to balance their various contributions and jointly write the conclusions.

4. The outline of the study has been elaborated on the basis of the recommendations of the Advisory Board, as endorsed by the Assembly, and is attached.

5. With your approval I shall proceed along these lines.

Outline of Study on a Comprehensive Nuclear Test Ban

1. Introduction
2. Brief background summary
3. Negotiations leading to the Partial Test Ban Treaty
4. Partial Test Ban Treaty and NPT
5. Proceedings of various bodies concerning conclusion of CTB (ENDC, CCD, CD and GA)
6. Tripartite negotiations on CTB
7. Major unresolved issues (verification, participation, PNEs)
8. Conclusions
9. Appendices
 - (a) Present nuclear arsenals
 - (b) Nuclear weapon tests 1945-63 and 1963-79