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ANNUAL REPORT TO THE GENERAL ASSEMBLY OF  
THE UNITED NATIONS FOR THE YEAR 1960-61

Explanatory Note

1. By resolution GC(V)/RES/89 the General Conference decided that the Agency's annual report to the General Assembly of the United Nations for 1960-61 would consist of the annual report of the Board of Governors to the General Conference for 1960-61, together with a supplement.
2. The annual report of the Board has been issued as document GC(V)/154. The present document contains the supplement which deals with developments in the Agency's work during the period 1 July to 6 October 1961, including action taken by the General Conference at its fifth regular session.

SUPPLEMENT TO THE ANNUAL REPORT OF THE BOARD  
OF GOVERNORS TO THE GENERAL CONFERENCE  
FOR THE YEAR 1960-61

A. Membership of the Agency

3. On 10 August 1961 the Republic of Mali became a Member of the Agency by depositing an instrument of acceptance of the Agency's Statute. In addition, the General Conference, at its fifth regular session, approved the application of the Republic of the Congo (Leopoldville) for membership of the Agency [1].

B. Appointment of the Director General

4. The General Conference approved, by 46 votes to 16 with six abstentions, the appointment by the Board under Article VII. A of the Statute of Dr. Sigvard Eklund (Sweden) to the post of Director General as Mr. Sterling Cole's successor [2]. Dr. Eklund will take up his appointment on 1 December 1961.

C. Development of the Agency's work

5. Two further scientific meetings were organized by the Agency in August and September:

- (a) A Seminar on the Physics of Fast and Intermediate Reactors was held in Vienna from 3 to 11 August. 129 participants from 23 Member States and two international organizations attended and 66 papers were presented. The seminar enabled specialists to hold fruitful discussions on the most recent nuclear data pertaining to fast neutrons and also to give the latest information on the present stage of fast and intermediate neutron reactor projects, and
- (b) A Conference on Plasma Physics and Controlled Nuclear Fusion Research was held in Salzburg, Austria, from 4 to 9 September. Many eminent scientists numbered among the 473 participants representing 29 Member States and six international organizations. 109 scientific papers were presented (31 each from the Union of Soviet Socialist Republics and the United States of America, 14 from the United Kingdom of Great Britain and Northern Ireland, 12 from the Federal Republic of Germany and 11 from France) and 250 scientific abstracts of papers were submitted for discussion. Both the theoretical and experimental aspects of plasma physics were discussed, ranging from general plasma theory and mathematics to problems of plasma confinement, stability, oscillation, heating and the interaction of plasmas with particles.

6. Another scientific meeting, the Fifth International Biochemistry Congress, held in Moscow from 10 to 16 August, was organized by the International Union of Biochemistry with the co-operation of the Agency and the United Nations Educational, Scientific and Cultural Organization. The Agency co-sponsored the section on radiation effect on biochemical processes.

7. By 30 September 288 candidates had been selected for awards under the Agency's 1961 fellowship program from a total of 632 nominations received. In addition to previously reported offers from Member States, the Government of Hungary has offered four free (Type II) nuclear science fellowships to the Agency in 1961.

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[1] General Conference resolution GC(V)/RES/88. Since the end of the period covered by this supplement the Republic of the Congo became a Member by depositing an instrument of acceptance of the Agency's Statute on 10 October 1961. The membership of the Agency now comprises 77 States.

[2] GC(V)/RES/91.

8. A further 22 scientific and technical publications were issued by the Agency, including the first collection of summaries of work done under Agency research contracts.
9. Six new research contracts were awarded and five renewed during the period covered by this supplement. In connection with the recent opening of the Agency's Laboratory at Seibersdorf in September, the General Conference requested the Director General to make its facilities available and so to organize its work that as many scientists as possible from the developing areas could receive training, to the extent practicable, in the various fields in which the Laboratory operates. [ 3 ]
10. During the first week of July a preliminary mission from the Agency visited Yugoslavia to study the feasibility of building an international demonstration power reactor there. A report on the conclusions of the mission was issued in September.
11. In October the Board approved the project and agreements providing for the Agency's assistance in transferring two AGN-211P pool-type training reactors and the fuel therefor from the United States to Yugoslavia. The reactors will be used by the Electrotechnical Faculty of Belgrade University and the Physics Institute of Zagreb University.
12. A voluntary contribution of equipment up to the value of US \$80 000 was made by the Government of the United States to assist the Agency in its 1961 program of technical assistance.

D. Financial matters

13. By 6 October 1961 the following amounts had been received from Member States:

Advances to the Working Capital Fund	US \$2 002 200
Contributions to the 1960 Regular Budget	US \$5 511 164
Contributions to the 1961 Regular Budget	US \$4 683 056

Statements of outstanding contributions to the Regular Budgets for 1958, 1959 and 1960, of advances to the Working Capital Fund and of contributions to the Regular Budget for 1961 are reproduced in Annexes A, B and C respectively.

14. By 6 October 1961 an amount of US \$986 774 had been paid out of a total of US \$1 259 444 pledged to the General Fund for 1961. Details are given in Annex D. There has been no change with regard to payments of voluntary contributions to the General Fund for 1959 and 1960. [ 4 ]

15. For 1961, 37 Member States have pledged voluntary contributions towards the General Fund. The total amount thus pledged is still approximately US \$540 000 short of the target of US \$1.8 million for the year, and it has been necessary to curtail the Agency's technical and research assistance, fellowship and laboratory programs financed from the General Fund.

E. The fifth regular session of the General Conference

16. The fifth regular session of the General Conference was held in Vienna from 26 September to 6 October 1961. The more important decisions taken at the session other than those already mentioned are briefly referred to below.
17. An amendment to Article VI.A.3 of the Agency's Statute was unanimously approved by the General Conference to provide for a more equitable representation of the area of Africa and the Middle East on the Board of Governors. [ 5 ] In practice, the amendment,

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[ 3 ] GC(V)/RES/108.

[ 4 ] See document GC(V)/154, Annex VIII, parts B and C.

[ 5 ] GC(V)/RES/92.

which will come into force upon its acceptance by two thirds of the Members of the Agency, will increase the membership of the Board from 23 to 25 Members, of which 13 will be designated by the Board (as heretofore) and 12 (instead of ten) will be elected by the General Conference. Of the 12 elected Members, three will be from the area of Africa and the Middle East, three from the area of Latin America and one from each of the remaining areas except North America, as specified in Article VI.A.1 of the Statute. The remaining elective seat will not be allocated to any area of the world.

18. The General Conference approved the Agency's budget for 1962 as recommended by the Board.[ 6 ] It was decided that the Regular Budget should be US \$6 261 000, that the Working Capital Fund should remain at US \$2 million in 1962 and that the target for voluntary contributions to the General Fund for 1962 should be US \$2 million.

19. A long term program for the activities of the Agency was recommended by the General Conference. In the relevant resolution [ 7 ] the General Conference requested the Board and the Director General, in consultation, where appropriate, with the Scientific Advisory Committee, to initiate the preparation of a long term program for the Agency's activities which should have regard to the difficulties of financing the Agency's operational program, and to present to the General Conference in 1962 a progress report on the steps taken to promote that objective.

20. In another resolution the General Conference fully endorsed the appeal made by the General Assembly of the United Nations in paragraph 2 of its resolution 1531 (XV), which invited the economically developed Members of the United Nations and of the Agency to increase their voluntary contributions to the General Fund [ 8 ]. The General Conference invited such Members to make voluntary contributions to the General Fund for 1962 and succeeding years in amounts that were at least the same percentages of the target for each year as were their assessed contributions to the Regular Budget and the other Members to demonstrate their continued support of the Agency by making each year at least a token contribution to that Fund.

21. A relationship agreement between the Agency and the Inter-Governmental Maritime Consultative Organization (IMCO) [ 9 ] and an Executing Agency Agreement between the Agency and the United Nations Special Fund [ 10 ] were approved. The former had already been approved by the Assembly of IMCO in April 1961 and entered into force on approval by the General Conference.

22. A resolution was adopted concerning the promotion of international co-operation in the utilization of research reactors [ 11 ]. In this resolution the General Conference took note of the problems that certain Member States are having in making full use of the considerable number of research reactors coming into operation and of the possibilities of scientific co-operation that exist between technically advanced countries and the developing countries concerned, and requested that early consideration be given to the promotion of such international co-operation to ensure full and effective use of these reactors.

23. In another resolution the General Conference took note of studies already made on the question of establishing an international center for theoretical physics, the offer by the Government of Italy to help establish such a center, and the interest expressed by other Governments in serving as hosts. Member States were invited to indicate the

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[ 6 ] GC(V)/RES/103 and GC(V)/RES/104.

[ 7 ] GC(V)/RES/105.

[ 8 ] GC(V)/RES/100. See also paragraph 15 above.

[ 9 ] GC(V)/RES/95.

[ 10 ] GC(V)/RES/96.

[ 11 ] GC(V)/RES/106.

support they would give to such a center and the Board and the Director General were requested to continue studying the matter and submit their conclusions to the General Conference at its sixth regular session.[ 12 ]

24. A further resolution was adopted concerning international co-operation for developing nuclear power projects.[ 13 ] In this resolution, the General Conference recalled the importance of increasing energy resources in developing countries, the limited conventional power resources in some such countries and the technological improvements which are likely to make nuclear power economically feasible in the near future where conventional fuel costs are high. The Board and the Director General were requested to make arrangements for experts from developing countries to take part in designing, constructing and operating international demonstration nuclear power projects, to help Member States implement their nuclear power programs, and to consider the desirability of establishing such projects. A report on the implementation of the resolution is requested for the sixth regular session of the General Conference.

25. Among other resolutions adopted should be mentioned the one whereby the General Conference took note of the report of the Board on studies of nuclear power costs [ 14 ] and another concerning the establishment of an international insurance scheme for scientists engaged in the peaceful uses of atomic energy [ 15 ].

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[ 12 ] GC(V)/RES/107.

[ 13 ] GC(V)/RES/109.

[ 14 ] GC(V)/RES/111.

[ 15 ] GC(V)/RES/97.

## ANNEX A

## OUTSTANDING CONTRIBUTIONS TO THE 1958, 1959 AND 1960 REGULAR BUDGETS

(Expressed in United States dollars)

Member	1958	1959	1960	Total
ARGENTINA	-	-	50 968	50 968
CHILE	-	-	14 608	14 608
CHINA	-	-	252 270	252 270
CUBA	-	4 172	13 439	17 611
EL SALVADOR	-	-	2 095	2 095
GUATEMALA	-	2 092	2 921	5 013
HAITI	-	2 021	2 337	4 358
HONDURAS	1 635	2 090	2 337	6 062
HUNGARY	-	9 555	22 788	32 343
NICARAGUA	-	2 021	2 337	4 358
PARAGUAY	1 636	2 090	2 337	6 063
SENEGAL	-	-	1 379	1 379
	3 271	24 041	369 816	397 128

ANNEX B

ADVANCES TO THE WORKING CAPITAL FUND

(Expressed in United States dollars)

Member	Assessed	Paid	Balance
AFGHANISTAN	1 000	1 000	-
ALBANIA	800	800	-
ARGENTINA	20 600	20 600	-
AUSTRALIA	33 200	33 200	-
AUSTRIA	8 000	8 000	-
BELGIUM	24 000	24 000	-
BRAZIL	18 800	18 800	-
BULGARIA	3 000	3 000	-
BURMA	1 400	1 400	-
BYELORUSSIAN SOVIET SOCIALIST REPUBLIC	8 600	8 600	-
CAMBODIA	800	800	-
CANADA	57 600	57 600	-
CEYLON	1 800	1 800	-
CHILE	5 000	-	5 000
CHINA	92 800	92 800	-
CUBA	4 600	4 600	-
CZECHOSLOVAK SOCIALIST REPUBLIC	16 200	16 200	-
DENMARK	11 200	11 200	-
DOMINICAN REPUBLIC	1 000	1 000	-
ECUADOR	1 000	1 000	-
EL SALVADOR	1 000	1 000	-
ETHIOPIA	1 000	1 000	-
FINLAND	6 600	6 600	-
FRANCE	118 600	118 600	-
GERMANY, FEDERAL REPUBLIC OF	98 600	98 600	-
GREECE	4 200	4 200	-
GUATEMALA	1 000	1 000	-
HAITI	800	800	-
HOLY SEE	800	800	-
HONDURAS	800	800	-
HUNGARY	7 800	7 800	-
ICELAND	800	800	-
INDIA	45 600	45 600	-
INDONESIA	8 600	8 600	-
IRAN	3 800	3 800	-
IRAQ	1 600	1 600	-
ISRAEL	2 600	2 600	-
ITALY	41 600	41 600	-
JAPAN	40 600	40 600	-
KOREA, REPUBLIC OF	3 800	3 800	-
LUXEMBOURG	1 000	1 000	-
MEXICO	13 200	13 200	-
MONACO	800	800	-
MOROCCO	2 600	2 600	-
NETHERLANDS	18 600	18 600	-
NEW ZEALAND	7 800	7 800	-
NICARAGUA	800	800	-
NORWAY	9 000	9 000	-
PAKISTAN	7 400	7 400	-
PARAGUAY	800	-	800

Member	Assessed	Paid	Balance
PERU	2 000	2 000	-
PHILIPPINES	8 000	8 000	-
POLAND	25 400	25 400	-
PORTUGAL	3 800	3 800	-
ROMANIA	6 200	6 200	-
SOUTH AFRICA	10 400	10 400	-
SPAIN	17 200	17 200	-
SUDAN	1 000	1 000	-
SWEDEN	25 800	25 800	-
SWITZERLAND	18 000	18 000	-
THAILAND	3 000	3 000	-
TUNISIA	1 000	1 000	-
TURKEY	11 000	11 000	-
UKRAINIAN SOVIET SOCIALIST REPUBLIC	33 400	33 400	-
UNION OF SOVIET SOCIALIST REPUBLICS	252 200	252 200	-
UNITED ARAB REPUBLIC	6 000	6 000	-
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	144 000	144 000	-
UNITED STATES OF AMERICA	648 600	648 600	-
VENEZUELA	9 200	9 200	-
VIET-NAM	3 800	3 800	-
YUGOSLAVIA	6 400	6 400	-
	2 000 000	1 994 200	5 800
<u>New Members:</u>			
COLOMBIA	5 800	5 800	-
GHANA	1 200	1 200	-
LEBANON	1 000	-	1 000
MALI	800	-	800
SENEGAL	1 000	1 000	-
	9 800	8 000	1 800



ANNEX C

CONTRIBUTIONS TO THE 1961 REGULAR BUDGET

(Expressed in United States dollars)

Member	Assessed	Paid	Outstanding
AFGHANISTAN	3 084	3 084	-
ALBANIA	2 467	69	2 398
ARGENTINA	63 530	-	63 530
AUSTRALIA	102 389	52 497	49 892
AUSTRIA	24 672	24 672	-
BELGIUM	74 016	74 016	-
BRAZIL	57 979	1 913	56 066
BULGARIA	9 252	9 252	-
BURMA	4 318	4 318	-
BYELORUSSIAN SOVIET SOCIALIST REPUBLIC	26 523	971	25 552
CAMBODIA	2 467	2 467	-
CANADA	177 639	177 639	-
CEYLON	5 551	5 551	-
CHILE	15 420	-	15 420
CHINA	286 195	-	286 195
CUBA	14 186	-	14 186
CZECHOSLOVAK SOCIALIST REPUBLIC	49 961	49 961	-
DENMARK	34 541	34 541	-
DOMINICAN REPUBLIC	3 084	86	2 998
ECUADOR	3 084	3 084	-
EL SALVADOR	3 084	-	3 084
ETHIOPIA	3 084	171	2 913
FINLAND	20 354	20 354	-
FRANCE	365 762	365 762	-
GERMANY, FEDERAL REPUBLIC OF	304 083	304 083	-
GREECE	12 953	308	12 645
GUATEMALA	3 084	-	3 084
HAITI	2 467	-	2 467
HOLY SEE	2 467	2 467	-
HONDURAS	2 467	-	2 467
HUNGARY	24 055	-	24 055
ICELAND	2 467	2 467	-
INDIA	140 630	140 630	-
INDONESIA	26 523	1 005	25 518
IRAN	11 719	428	11 291
IRAQ	4 934	4 934	-
ISRAEL	8 018	8 018	-
ITALY	128 294	65 892	62 402
JAPAN	125 210	125 210	-
KOREA, REPUBLIC OF	11 719	206	11 513
LUXEMBOURG	3 084	3 084	-
MEXICO	40 709	40 709	-
MONACO	2 467	2 467	-
MOROCCO	8 018	8 018	-
NETHERLANDS	57 363	57 363	-
NEW ZEALAND	24 055	24 055	-
NICARAGUA	2 467	-	2 467
NORWAY	27 756	771	26 985
PAKISTAN	22 822	22 822	-

Member	Assessed	Paid	Outstanding
PARAGUAY	2 467	-	2 467
PERU	6 168	563	5 605
PHILIPPINES	24 672	24 672	-
POLAND	78 334	62 447	15 887
PORTUGAL	11 719	11 719	-
ROMANIA	19 121	19 121	-
SOUTH AFRICA	32 074	32 074	-
SPAIN	53 045	53 045	-
SUDAN	3 084	3 084	-
SWEDEN	79 567	79 567	-
SWITZERLAND	55 512	55 512	-
THAILAND	9 252	9 252	-
TUNISIA	3 084	3 084	-
TURKEY	33 924	33 924	-
UKRAINIAN SOVIET SOCIALIST REPUBLIC	103 006	30 787	72 219
UNION OF SOVIET SOCIALIST REPUBLICS	777 785	400 334	377 451
UNITED ARAB REPUBLIC	18 504	8 150	10 354
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	444 096	444 096	-
UNITED STATES OF AMERICA	2 000 283	1 740 708	259 575
VENEZUELA	28 373	-	28 373
VIET-NAM	11 719	11 719	-
YUGOSLAVIA	19 738	10 152	9 586
	6 168 000	4 679 355	1 488 645

New Members:

COLOMBIA	17 887	-	17 887
GHANA	3 701	3 701	-
LEBANON	3 084	-	3 084
MALI	2 467	-	2 467
SENEGAL	3 084	-	3 084
	30 223	3 701	26 522

ANNEX D

VOLUNTARY CONTRIBUTIONS TO THE GENERAL FUND FOR 1961

Member	Pledged	Equivalent in United States dollars (Technical Assistance Board rates)	Paid \$
ARGENTINA	\$ 15 000	15 000	15 000
AUSTRALIA	\$ 20 000	20 000	20 000
AUSTRIA	\$ 5 000	5 000	
BELGIUM	Belgian francs 500 000	10 000	
BRAZIL	\$ 30 000	30 000	30 000
CANADA	\$ 52 020	52 020	28 020
CEYLON	Ceylonese rupees 10 000	2 100	1 250
CHINA	\$ 5 000	5 000	5 000
CZECHOSLOVAK SOCIALIST REPUBLIC	a/		
DENMARK	\$ 10 080	10 080	10 080
FINLAND	\$ 6 000	6 000	6 000
FRANCE	b/	30 000	
GERMANY, FEDERAL REPUBLIC OF	\$ 50 000	50 000	50 000
GREECE	\$ 2 500	2 500	
HOLY SEE	\$ 2 000	2 000	2 000
INDIA	Indian rupees equivalent to \$ 25 000	25 000	25 000
IRAQ	\$ 3 000	3 000	3 000
ISRAEL	Israeli £ 4 000	1 852 <sup>c/</sup>	1 852
ITALY	\$ 25 000	25 000	
JAPAN	\$ 25 000	25 000	25 000
KOREA, REPUBLIC OF	\$ 3 000	3 000	
MEXICO	\$ 7 500	7 500	7 500
MONACO	\$ 2 000	42 816	42 816
	plus French francs equivalent to \$ 40 000		
NETHERLANDS	\$ 15 000	15 000	15 000
NORWAY	\$ 8 100	8 100	
PAKISTAN	Pakistani rupees and \$ to the value of \$ 6 000	6 000	6 000
PHILIPPINES	\$ 3 000	3 000	3 000
POLAND	zloty 100 000	4 167	
PORTUGAL	\$ 3 500	3 500	
SOUTH AFRICA	South African £ equivalent to \$ 15 000	15 000	15 000
SWEDEN	\$ 23 220	23 220	23 220
SWITZERLAND	Swiss francs 50 000	11 521	
THAILAND	\$ 2 700	2 700	1 901
UNION OF SOVIET SOCIALIST REPUBLICS	a/		
UNITED ARAB REPUBLIC	Egyptian £ 5 000	11 261	10 135
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	£ sterling equivalent to \$ 140 000	140 000	140 000
UNITED STATES OF AMERICA	\$ 500 000	500 000	500 000

Member	Pledged	Equivalent in United States dollars (Technical Assistance Board rates)	Paid \$
VENEZUELA	\$ 8 200	8 200	
YUGOSLAVIA	non-convertible dinars equivalent to \$ 5 000	5 000	
UNITED STATES OF AMERICA (Matching contribution) <sup>d/</sup>		1 129 537 129 907	986 774
Total		1 259 444	986 774

- a/ The pledge will depend on the utilization of funds put at the Agency's disposal in previous years.
- b/ An amount in French francs at least equivalent to the pledge for 1960.
- c/ This was shown in former tables as \$2 222, but due to the change in the TAB rate of exchange, it now stands at \$1 852.
- d/ Any difference between the US matching contribution and the excess of other contributions over the sum of \$1 000 000 is due to fluctuations in the TAB rates of exchange for pledges made in local currencies.