II

(Acts whose publication is not obligatory)

EUROPEAN PARLIAMENT

FINAL ADOPTION OF AMENDING BUDGET No 2 OF THE EUROPEAN COMMUNITIES FOR THE FINANCIAL YEAR 1977

(78/339/Euratom, ECSC, EEC)

THE PRESIDENT OF THE EUROPEAN PARLIAMENT,

— Having regard to the Treaty establishing the European Coal and Steel Community, and in particular Article 78 (7) thereof,

— Having regard to the Treaty establishing the European Economic Community, and in particular Article 203 (7) thereof,

— Having regard to the Treaty establishing the European Atomic Energy Community, and in particular Article 177 (7) thereof,

— Having regard to the Treaty establishing a single Council and a single Commission of the European Communities,

— Having regard to the Treaty of 22 July 1975 amending certain financial provisions of the Treaties establishing the European Communities and the Treaty establishing a single Council and a single Commission of the European Communities,

— Having regard to the Financial Regulation of 25 April 1973 applicable to the general budget of the European Communities,

— Having regard to the general budget of the European Communities for the financial year 1977,

— Having regard to amending and supplementary budget No 1 of the European Communities for the financial year 1977,

— Having regard to preliminary draft amending budget No 2 of the European Communities for the financial year 1977,

— Having regard to draft amending budget No 2 of the European Communities for the financial year 1977,

— Having regard to the deliberations of the European Parliament on 15 and 17 November 1977,

— Having regard to the resolution adopted by the European Parliament on 17 November 1977,

— Whereas the procedure laid down in Article 78 of the Treaty establishing the European Coal and Steel Community, Article 203 of the Treaty establishing the European Economic Community and Article 177 of the Treaty establishing the European Atomic Energy Community has been duly completed,

TAKES NOTE THAT:

Sole Article

Amending budget No 2 of the European Communities for the financial year 1977, as shown in the Annex hereto, is finally adopted.

Done at Luxembourg, 27 November 1977.

The President of
the European Parliament
Emilio COLOMBO

AMENDING BUDGET No 2 OF THE EUROPEAN COMMUNITIES FOR THE FINANCIAL YEAR 1977

CONTENTS

	Page
A. Revenue	5
B. Calculation of the relative share of each Member State	25
C. Summary of expenditure	35
D. Staff	37
Section III: Commission	41
Annex I — Amended statement of revenue and expenditure for 1977 relating to research and investment activities	61

A. REVENUE

The estimated revenue of the Communities is:

Title	Nature of revenue	u.a.		
		1977 budget (1)	Amending budget No 2	New total
1	Own resources	6 297 841 642	− 2 698 638	6 295 143 004
2	Surpluses available	39 129 353	—	39 129 353
3	Portion of proceeds of ECSC levies paid in pursuance of Article 20 of the Treaty of 8 April 1965	18 000 000	—	18 000 000
4	Deductions from staff remuneration	63 300 101	+ 1 917 000	65 217 101
5	Contributions	3 159 996 452	− 1 954 911	3 158 041 541
9	Miscellaneous revenue	8 726 660	—	8 726 660
	Total	9 586 994 208	− 2 736 549	9 584 257 659
	Surplus to be carried over to following financial year	0	—	0
	GRAND TOTAL	**9 586 994 208**	**− 2 736 549**	**9 584 257 659**

(1) Throughout this budget, the columns headed '1977 budget' include the amendments as shown in amending and supplementary budget No 1.

TITLE 1

OWN RESOURCES

CHAPTER 10 — LEVIES, PREMIUMS, SUPPLEMENTARY OR COMPENSATORY AMOUNTS, ADDITIONAL AMOUNTS OR PART AMOUNTS AND OTHER DUTIES ESTABLISHED BY THE INSTITUTIONS OF THE COMMUNITIES IN RESPECT OF TRADE WITH NON-MEMBER COUNTRIES WITHIN THE FRAMEWORK OF THE COMMON AGRICULTURAL POLICY (ARTICLE 2 (a) OF THE COUNCIL DECISION OF 21 APRIL 1970)

Article	Item	Heading		u.a.	
			1977 budget	Amending budget No 2	New total
		CHAPTER 10			
100		*Levies, premiums, supplementary or compensatory amounts, additional amounts or part amounts and other duties established by the institutions of the Communities in respect of trade with non-member countries within the framework of the common agricultural policy (Article 2 (a) of the Council Decision of 21 April 1970)*			
	1000	Belgium	140 000 000	—	140 000 000
	1001	Germany	234 000 000	—	234 000 000
	1002	France	81 000 000	—	81 000 000
	1003	Italy	412 000 000	—	412 000 000
	1004	Luxembourg	100 000	—	100 000
	1005	Netherlands	285 000 000	—	285 000 000
	1006	Denmark	15 640 000	—	15 640 000
	1007	Ireland	13 800 000	—	13 800 000
	1008	United Kingdom	147 200 000	—	147 200 000
		Article 100 — Total	1 328 740 000	—	1 328 740 000
		CHAPTER 10 — TOTAL	1 328 740 000	—	1 328 740 000

TITLE 1

OWN RESOURCES

CHAPTER 10 — LEVIES, PREMIUMS, SUPPLEMENTARY OR COMPENSATORY AMOUNTS, ADDITIONAL AMOUNTS OR PART AMOUNTS AND OTHER DUTIES ESTABLISHED BY THE INSTITUTIONS OF THE COMMUNITIES IN RESPECT OF TRADE WITH NON-MEMBER COUNTRIES WITHIN THE FRAMEWORK OF THE COMMON AGRICULTURAL POLICY (ARTICLE 2 (a) OF THE COUNCIL DECISION OF 21 APRIL 1970)

Article	Item	Remarks
100		The amounts entered in the budget correspond to the total amounts established by the Member States, with the exception of the three new Member States who will be paying only 92 % of the amounts established in 1977 (Article 130 of the Act of Accession). The figure of 1 328·74 million u.a. also takes account of the monetary compensatory amounts levied or paid in respect of trade with non-member countries. It should be pointed out that the new Member States are increasing the percentage of their contribution from 79·5 to 92 % between 1976 and 1977. The total amount of levies established by the Member States is shown in Tables 2 (A) and 2 (B).

CHAPTER 11 — CONTRIBUTIONS AND OTHER DUTIES PROVIDED FOR WITHIN THE FRAMEWORK OF THE COMMON ORGANIZATION OF THE MARKET IN SUGAR (ARTICLE 2 (a) OF THE COUNCIL DECISION OF 21 APRIL 1970)

CHAPTER 12 — CUSTOMS DUTIES AND OTHER DUTIES REFERRED TO IN ARTICLE 2 (b) OF THE COUNCIL DECISION OF 21 APRIL 1970

Article	Item	Heading	u.a.		
			1977 budget	Amending budget No 2	New total
		CHAPTER 11			
110		*Contributions and other duties provided for within the framework of the common organization of the market in sugar (Article 2 (a) of the Council Decision of 21 April 1970)*			
	1100	Belgium	13 000 000	—	13 000 000
	1101	Germany	66 000 000	—	66 000 000
	1102	France	64 000 000	—	64 000 000
	1103	Italy	44 000 000	—	44 000 000
	1104	Luxembourg	—		—
	1105	Netherlands	22 000 000	—	22 000 000
	1106	Denmark	8 280 000	—	8 280 000
	1107	Ireland	2 760 000		2 760 000
	1108	United Kingdom	11 960 000	—	11 960 000
		Article 110 — Total	232 000 000	—	232 000 000
		CHAPTER 11 — TOTAL	232 000 000	—	232 000 000
		CHAPTER 12			
120		*Customs duties and other duties referred to in Article 2 (b) of the Council Decision of 21 April 1970*			
	1200	Belgium	255 000 000	—	255 000 000
	1201	Germany	1 024 000 000	—	1 024 000 000
	1202	France	628 600 000	—	628 600 000
	1203	Italy	681 600 000	—	681 600 000
	1204	Luxembourg	3 500 000	—	3 500 000
	1205	Netherlands	332 500 000	—	332 500 000
	1206	Denmark	110 400 000	—	110 400 000
	1207	Ireland	40 876 341	— 82 569	40 793 772
	1208	United Kingdom	1 660 625 301	— 2 616 069	1 658 009 232
		Article 120 — Total	4 737 101 642	— 2 698 638	4 734 403 004
		CHAPTER 12 — TOTAL	4 737 101 642	— 2 698 638	4 734 403 004

CHAPTER 11 — CONTRIBUTIONS AND OTHER DUTIES PROVIDED FOR WITHIN THE FRAMEWORK OF THE COMMON ORGANIZATION OF THE MARKET IN SUGAR (ARTICLE 2 (a) OF THE COUNCIL DECISION OF 21 APRIL 1970)

CHAPTER 12 — CUSTOMS DUTIES AND OTHER DUTIES REFERRED TO IN ARTICLE 2 (b) OF THE COUNCIL DECISION OF 21 APRIL 1970

Article	Item	Remarks
120		The amount of customs duties entered in the budget corresponds to the total customs duties established and paid over by the six original Member States. In 1977 the new Member States will pay only 92 % of the established amount. As far as the United Kingdom is concerned, it is the last time that fiscal duties treated as customs duties will be paid on the basis of the percentage laid down in Articles 129 and 130 of the Act of Accession. The change in the percentage to be paid by the Three (from 79·5 to 92 %) is the main reason for increased payments to be made by these Member States in 1977.

CHAPTER 13 — VALUE ADDED TAX

Article	Item	Heading		u.a.	
			1977 budget	Amending budget No 2	New total
		CHAPTER 13			
130		*Value added tax*	—	—	—
		CHAPTER 13 — TOTAL	—	—	—
		Title 1 — Total	**6 297 841 642**	**— 2 698 638**	**6 295 143 004**

CHAPTER 13 — VALUE ADDED TAX

Article	Item	Remarks

TITLE 2

SURPLUSES AVAILABLE

CHAPTER 20 — SURPLUS AVAILABLE FROM THE PRECEDING FINANCIAL YEAR

Article	Item	Heading		u.a.	
			1977 budget	Amending budget No 2	New total
		CHAPTER 20			
200		*Surplus available from the preceding financial year*	39 129 353	—	39 129 353
		CHAPTER 20 — TOTAL	39 129 353	—	39 129 353
		Title 2 — Total	39 129 353	—	39 129 353

TITLE 2

SURPLUSES AVAILABLE

CHAPTER 20 — SURPLUS AVAILABLE FROM THE PRECEDING FINANCIAL YEAR

Article	Item	Remarks

TITLE 3

PORTION OF PROCEEDS OF ECSC LEVIES PAID IN PURSUANCE OF ARTICLE 20 OF THE TREATY OF 8 APRIL 1965

CHAPTER 30 — PORTION OF PROCEEDS OF ECSC LEVIES PAID IN PURSUANCE OF ARTICLE 20 OF THE TREATY OF 8 APRIL 1965

Article	Item	Heading	u.a.		
			1977 budget	Amending budget No 2	New total
		CHAPTER 30			
300		*Portion of proceeds of ECSC levies paid in pursuance of Article 20 of the Treaty of 8 April 1965*	18 000 000	—	18 000 000
		CHAPTER 30 — TOTAL	18 000 000	—	18 000 000
		Title 3 — Total	**18 000 000**	**—**	**18 000 000**

TITLE 3

PORTION OF PROCEEDS OF ECSC LEVIES PAID IN PURSUANCE OF ARTICLE 20 OF THE TREATY OF 8 APRIL 1965

CHAPTER 30 — PORTION OF PROCEEDS OF ECSC LEVIES PAID IN PURSUANCE OF ARTICLE 20 OF THE TREATY OF 8 APRIL 1965

Article	Item	Remarks

TITLE 4

DEDUCTIONS FROM STAFF REMUNERATION

CHAPTER 40 — PROCEEDS OF TAXATION ON THE SALARIES, WAGES AND ALLOWANCES OF OFFICIALS AND OTHER STAFF

CHAPTER 41 — STAFF CONTRIBUTIONS TO THE PENSION SCHEME

Article	Item	Heading		u.a.	
			1977 budget	Amending budget No 2	New total
400		CHAPTER 40 *Proceeds of taxation on the salaries, wages and allowances of officials and other staff*	46 006 150	—	46 006 150
		CHAPTER 40 — TOTAL	46 006 150	—	46 006 150
		CHAPTER 41			
410		*Staff contributions to the pension scheme*	17 293 951	+ 1 917 000	19 210 951
		CHAPTER 41 — TOTAL	17 293 951	+ 1 917 000	19 210 951
		Title 4 — Total	**63 300 101**	+ 1 917 000	**65 217 101**

TITLE 4

DEDUCTIONS FROM STAFF REMUNERATION

CHAPTER 40 — PROCEEDS OF TAXATION ON THE SALARIES, WAGES AND ALLOWANCES OF OFFICIALS AND OTHER STAFF

CHAPTER 41 — STAFF CONTRIBUTIONS TO THE PENSION SCHEME

Article	Item	Remarks	*1977 budget*	*Changes*	*New amounts*
			u.a.	u.a.	u.a.
400		European Parliament	4 375 200	—	4 375 200
		Council	4 585 400	—	4 585 400
		Commission:			
		— operating budget	35 700 000	—	35 700 000
		— research and investment	—	—	—
		Court of Justice	1 345 550	—	1 345 550
		Total	46 006 150	—	46 006 150
410		European Parliament	1 730 355	—	1 730 355
		Council	1 927 256	—	1 927 256
		Commission:			
		— operating budget	11 725 000	—	11 725 000
		— research and investment	1 563 000	+ 1 917 000	3 480 000
		Court of Justice	348 340	—	348 340
		Total	17 293 951	+ 1 917 000	19 210 951

TITLE 5

CONTRIBUTIONS

CHAPTER 50 — CONTRIBUTIONS PROVIDED FOR IN ARTICLE 4 (2) OR (3) OF THE COUNCIL DECISION OF 21 APRIL 1970 ON THE REPLACEMENT OF THE FINANCIAL CONTRIBUTIONS FROM MEMBER STATES BY THE COMMUNITIES' OWN RESOURCES

Article	Item	Heading	u.a.		
			1977 budget	Amending budget No 2	New total
		CHAPTER 50			
500		*Contributions provided for in Article 4 (2) or (3) of the Council Decision of 21 April 1970 on the replacement of the financial contributions from Member States by the Communities' own resources*			
	5000	Belgium	167 271 887	— 547 630	166 724 257
	5001	Denmark	83 858 652	— 313 647	83 545 005
	5002	Germany	1 154 186 595	— 3 841 930	1 150 344 665
	5003	France	1 131 442 400	— 2 738 633	1 128 703 767
	5004	Ireland	—	—	—
	5005	Italy	442 465 098	— 2 271 454	440 193 644
	5006	Luxembourg	10 064 345	— 19 643	10 044 702
	5007	Netherlands	170 524 753	— 1 164 468	169 360 285
	5008	United Kingdom	—	—	—
		Article 500 — Total	3 159 813 730	— 10 897 405	3 148 916 325
		CHAPTER 50 — TOTAL	3 159 813 730	— 10 897 405	3 148 916 325

TITLE 5

CONTRIBUTIONS

CHAPTER 50 — CONTRIBUTIONS PROVIDED FOR IN ARTICLE 4 (2) OR (3) OF THE COUNCIL DECISION OF 21 APRIL 1970 ON THE REPLACEMENT OF THE FINANCIAL CONTRIBUTIONS FROM MEMBER STATES BY THE COMMUNITIES' OWN RESOURCES

Article	Item	Remarks
500		These payments cover the funding of the proportion of expenditure not covered by own resources; until the sixth Directive comes into force, the payments replace the resources originating from VAT. They are calculated on the basis of coordinated statistics prepared by the SOEC under Article 23 of Regulation (EEC, Euratom, ECSC) No 2/71. The absence of payments from the United Kingdom and from Ireland stems from the fact that — in the light of the mitigating arrangements provided for in the Treaty of Accession and because of the scale of customs receipts in these countries — they cover their relative shares by paying over own resources; for the United Kindgom, these also include customs duties of a fiscal character.

CHAPTER 51 — CONTRIBUTIONS PROVIDED FOR IN ARTICLES 3 (4) AND 4 (6) OF THE COUNCIL DECISION OF 21 APRIL 1970 ON THE REPLACEMENT OF FINANCIAL CONTRIBUTIONS FROM MEMBER STATES BY THE COMMUNITIES' OWN RESOURCES

Article	Item	Heading		u.a.	
			1977 budget	Amending budget No 2	New total
		CHAPTER 51			
510		*Contributions provided for in Articles 3 (4) and 4 (6) respectively of the Council Decision of 21 April 1970 on the replacement of financial contributions from Member States by the Communities' own resources*			
	5100	Belgium	13 550	+ 6 723	20 273
	5101	Germany	58 378	+ 4 456 070	4 514 448
	5102	France	28 176	+ 445	28 621
	5103	Italy	13 848	+ 18 056	31 904
	5104	Luxembourg	329	+ 147	476
	5105	Netherlands	19 082	+ 4 436 622	4 455 704
	5106	Denmark	5 141	+ 2 545	7 686
	5107	Ireland	1 354	+ 669	2 023
	5108	United Kingdom	42 864	+ 21 217	64 081
		Article 510 — Total	182 722	+ 8 942 494	9 125 216
		CHAPTER 51 — TOTAL	182 722	+ 8 942 494	9 125 216
		Title 5 — Total	**3 159 996 452**	**— 1 954 911**	**3 158 041 541**

CHAPTER 51 — CONTRIBUTIONS PROVIDED FOR IN ARTICLES 3 (4) AND 4 (6) OF THE COUNCIL DECISION OF 21 APRIL 1970 ON THE REPLACEMENT OF FINANCIAL CONTRIBUTIONS FROM MEMBER STATES BY THE COMMUNITIES' OWN RESOURCES

Article	Item	Remarks
510		This revenue represents contributions from the Member States to finance supplementary research and investment programmes.

TITLE 9

MISCELLANEOUS REVENUE

Article	Item	Heading		u.a.	
			1977 budget	Amending budget No 2	New total
		Title 9 — Total	**8 726 660**	**—**	**8 726 660**
		Total	**9 586 994 208**	**— 2 736 549**	**9 584 257 659**
		Surplus to be carried over to the following financial year	0	—	0
		GRAND TOTAL	**9 586 994 208**	**— 2 736 549**	**9 584 257 659**

TITLE 9

MISCELLANEOUS REVENUE

Article	Item	Remarks

B. CALCULATION OF THE RELATIVE SHARE OF EACH MEMBER STATE

TABLE 1

Appropriations to be covered during the financial year 1977 under Articles 3 and 4 of the Council Decision of 21 April 1970 relating to own resources, Article 10 of the Treaty of 22 April 1970 amending certain budgetary provisions of the Treaties establishing the European Communities and of the Treaty establishing a single Council and a single Commission of the European Communities, and Articles 129 and 130 of the Act of Accession

(in u.a.)

A. Category of appropriations	1977 budget	Amending budget No 2	New total
I. *Commission appropriations*			
1. Agriculture (Chapter 31, Titles 6, 7 and 8)	7 295 903 500	—	7 295 903 500
2. Social sector (Chapters 30, 35, 50, 51, 52 and 59)	189 597 000	—	189 597 000
3. Regional sector (Chapter 55)	400 000 000	—	400 000 000
4. Energy, industry, transport:			
— Chapter 33	183 337 388	— 2 466 685	180 870 703
— Chapters 32, 34, 36, 37 and 39	53 287 800	—	53 287 800
5. Development cooperation (Chapters 92, 93, 94, 95 and 96)	269 880 100	—	269 880 100
6. Other (Title 4, except Chapter 40)	—	—	—
7. Administrative appropriations (Titles 1 and 2)	407 317 840	—	407 317 840
8. Contingency reserve (Chapter 101)	4 000 000	—	4 000 000
Sub-total	8 803 323 628	— 2 466 685	8 800 856 943
II. *Appropriations for other institutions*	153 886 416	—	153 886 416
Sub-total	8 957 210 044	— 2 466 685	8 954 743 359
III. *Repayment to the Member States of 10% of amounts paid by way of own resources (Chapter 40)*	629 784 164	— 269 864	629 514 300
Total expenditure	9 586 994 208	— 2 736 549	9 584 257 659
B. Category of revenue			
1. Miscellaneous revenue:			
— under the general budget	67 050 761	—	67 050 761
— under research and investment	4 976 000	+ 1 917 000	6 893 000
2. Contributions of the Member States to complementary Euratom programmes	182 722	+ 8 942 494	9 125 216
3. ECSC levies allocated to administrative expenditure	18 000 000	—	18 000 000
4. Surplus available from preceding financial year	39 129 353	—	39 129 353
Total revenue	129 338 836	+ 10 859 494	140 198 330
Appropriations to be covered pursuant to the Council of Decision 21 April 1970	9 457 655 372	— 13 596 043	9 444 059 329

TABLE 2 (A)

Estimate of own resources to be paid by each Member State

Financial year 1977

(in u.a.)

Member State	Agricultural levies		Common Customs Tariff duties	Total
	Levies of sugar	Other levies		
	1	2	3	4
Belgium	13 000 000	140 000 000	255 000 000	408 000 000
Germany	66 000 000	234 000 000	1 024 000 000	1 324 000 000
France	64 000 000	81 000 000	628 600 000	773 600 000
Italy	44 000 000	412 000 000	681 600 000	1 137 600 000
Luxembourg	—	100 000	3 500 000	3 600 000
Netherlands	22 000 000	285 000 000	332 500 000	639 500 000
Total	209 000 000	1 152 100 000	2 925 200 000	4 286 300 000

TABLE 2 (B)

Financial year 1977

(in u.a.)

Type of resource	Denmark	Ireland	United Kingdom	Total
1. Levies on sugar	9 000 000	3 000 000	13 000 000	25 000 000
2. Agricultural levies	17 000 000	15 000 000	160 000 000	192 000 000
3. Customs duties	120 000 000	55 000 000	5 580 000 000(1)	5 755 000 000
4. Total	146 000 000	73 000 000	5 753 000 000	5 972 000 000
5. Application of Articles 3 and 4 of the Decision of 21 April 1970 and Article 130 of the Act of Accession	134 320 000	57 353 772	1 817 169 232	2 008 843 004
Breakdown				
(a) Levies on sugar	(8 280 000)	(2 760 000)	(11 960 000)	(23 000 000)
(b) Agricultural levies	(15 640 000)	(13 800 000)	(147 200 000)	(176 640 000)
(c) Customs duties	(110 400 000)	(40 793 772)	(1 658 009 232)	(1 809 203 004)

(1) Including the 'fiscal duties' on tobacco — charges of a fiscal nature imposed by the customs services. Fiscal duties are approximately 73% of the customs duties.

Total of own resources to be paid (Tables 2 (A) and 2 (B)): 6 295 143 004 u.a.

Note on Table 2 (B)

Where Ireland and the United Kingdom are concerned (point 4), the own resources exceed by far the sums actually due from those two countries despite the fact that the 'abatement factor' has been applied (cf. Article 130 of the Act of Accession).

This being so, the amount of own resources to be paid (point 5) has been fixed on the basis of the maximum permissible relative share for those two countries (Articles 3 and 4 of the Council Decision of 21 April 1970 and Article 130 of the Act of Accession) applied to the total outlay.

Taking the United Kingdom as an example:

— relative share in 1976 16·3010 %

— conversion of 1976 'abatement factor' (79·5 %) to 1977 factor (92 %)

$$\frac{92}{79{\cdot}5} \times 16{\cdot}3010 = 18{\cdot}8641\ \%$$

— upper limit of bracket laid down in Articles 3 and 4 of the Council Decision of 21 April 1970 (+ 2 %) (1) 19·2414 %

— own resources to be paid

$$\frac{19{\cdot}2414}{100} \times 9\,444\,059\,329 = 1\,817\,169\,232 \text{ u.a.}$$

The assumption that the United Kingdom would be at the upper limit of the bracket is borne out in the tables which follow.

The breakdown which appears under points 5(a), (b) and (c) is obtained by applying the single 'abatement factor' of 92 % to sugar levies (point 1) and agricultural levies (point 2). It is thus customs duties which make up the difference between the sum to be paid and the total of the two afore-mentioned figures.

(1) From 1 January 1975, the variation in the relative share compared with that of the previous year is 2 %.

TABLE 3

Distribution of expenditure not covered by own resources

Financial year 1977

u.a.

Expenditure to be financed:	9 444 059 329
Own resources to be paid (Tables 2 (A) and 2 (B)):	6 295 143 004
Difference to be covered by contributions from the Member States:	3 148 916 325

(in u.a.)

Member State	Contribution of the Member States according to the GNP scale (1) (Article 4(3) of the Decision of 21 April 1970)		Contribution of the Member State according to the GNP scale (1) taking into account Article 130 of the Act of Accession	
	amount	%	amount	%
	1		2	
Belgium	130 481 646	4·1437	133 649 456	4·2443
Denmark	79 428 265	2·5224	73 073 752	2·3206
Germany	900 319 262	28·5914	922 172 741	29·2854
France	733 426 697	23·2914	751 227 521	23·8567
Ireland	22 492 709	0·7143	20 694 678	0·6572
Italy	479 066 683	15·2137	490 695 631	15·5830
Luxembourg	5 202 010	0·1652	5 327 966	0·1692
Netherlands	167 405 839	5·3163	171 467 941	5·4453
United Kingdom	631 093 214	20·0416	580 606 639	18·4383
Total	3 148 916 325	100·000	3 148 916 325	100·000

(1) The statistical data used in arriving at the GNP scale are contained in Annexes C and D.

Using the same method as in Table 2 (B) (point 4), contributions are initially distributed without taking the 'abatement factor' into account (column 1).

However, in column 2, the distribution of the contributions is based upon the scale obtained by the following procedure:

(a) for the new Member States, the GNP scale is reduced to 92 % (Article 130);

(b) for the original Member States, the difference between 100 % and the portion covered by the new Member States is distributed in proportion to the GNP scale.

TABLE 4

Relative shares of the Member States before adjustment

Financial year 1977

(in u.a.)

Member State	Own resources to be paid	Contributions due (column 2 of Table 3)	Total (columns 1 + 2)	Relative share before adjustment (%)
	1	2	3	4
Belgium	408 000 000	133 649 456	541 649 456	5·7353
Denmark	134 320 000	73 073 752	207 393 752	2·1960
Germany	1 324 000 000	922 172 741	2 246 172 741	23·7840
France	773 600 000	751 227 521	1 524 827 521	16·1459
Ireland	57 353 772	20 694 678	78 048 450	0·8264
Italy	1 137 600 000	490 695 631	1 628 295 631	17·2415
Luxembourg	3 600 000	5 327 966	8 927 966	0·0945
Netherlands	639 500 000	171 467 941	810 967 941	8·5871
United Kingdom	1 817 169 232	580 606 639	2 397 775 871	25·3893
Total	6 295 143 004	3 148 916 325	9 444 059 329	100·0000

The appropriations shown in Table 1 are covered firstly by own resources and then by contributions. The total per Member State obtained in this way determines the relative share in column 4, to be subsequently adjusted as laid down in Articles 3 and 4 of the Council Decision of 21 April 1970.

TABLE 5

Adjustment of the relative shares of the Member States for the financial year 1977
(Articles 3 and 4 of the Council Decision of 21 April 1970)

Financial year 1977

(in %)

Member State	Relative share for reference (1)	Upper limit (+2 %)	Lower limit (—2 %)	Relative share before adjustment (2)	Difference : below the lower limit	Difference : above the upper limit	First distribution	Second distribution	Relative share after adjustment
	1	2	3	4	5	6	7	8	9
Belgium	6·0974	6·2193	5·9755	5·7353	+0·2402	—	—	0·0160	5·9915
Denmark	2·3450	2·3919	2·2981	2·1960	+0·1021	—	—	0·0088	2·3069
Germany	26·4157	26·9440	25·8874	23·7840	+2·1034	—	—	0·1105	25·9979
France	20·6466	21·0595	20·2337	16·1459	+4·0878	—	—	0·0900	20·3237
Ireland	0·5954	0·6073	0·5835	0·8264	—	−0·2191	—	—	0·6073
Italy	16·4530	16·7821	16·1239	17·2415	—	−0·4594	—	—	16·7821
Luxembourg	0·1481	0·1511	0·1451	0·0945	+0·0506	—	—	0·0007	0·1458
Netherlands	8·4347	8·6034	8·2660	8·5871	—	—	+0·0163	—	8·6034
United Kingdom	18·8641	19·2414	18·4868	25·3893	—	−6·1479	—	—	19·2414
Total	100·0000	102·0000	98·0000	100·0000	+6·5841	−6·8264	+0·0163	0·2260	100·0000
Balance to be distributed:					− 0·2423		+ 0·2423		

(1) For the new Member States: $\frac{92}{79{\cdot}5}$ of the relative share for 1976 (see Annex A).
For the original Member States: the remainder in proportion to the relative share for 1976 (see Annex B).
The reduction provided for under Article 130 of the Act of Accession brings the share of the new Member States to a fixed percentage of the share which would result from implementing the Decision of 21 April 1970; this percentage is 79·5 % for 1976 and 92 % for 1977. The relative share appearing in the first column of Annex A is raised from 79·5 to 92 %.

(2) Cf. Table 4, column 4.

TABLE 6

Contributions of the new Member States to the financing of the 1977 budget

Financial year 1977

(in u.a.)

Member State	Relative share of the Member State after adjustment		Breakdown of relative share into:	
	%	amount	own resources	contributions
Denmark	2·3069	217 865 005	134 320 000	83 545 005
Ireland	0·6073	57 353 772	57 353 772	—
United Kingdom	19·2414	1 817 169 232	1 817 169 232	—
Total contribution of the Three	22·1556	2 092 388 009	2 008 843 004	83 545 005
Budget Total		9 444 059 329	6 295 143 004	3 148 916 325

The sole purpose of Tables 3 to 5 is to bear out the assumption that Ireland's and the United Kingdom's own resources would be at the upper limit of the possible bracket and to establish the contributions to be paid by Denmark.

TABLE 7

A. Contributions to be paid by the six original Member States

	u.a.
Total amount of own resources from the Member States (Tables 2 (A) and 2 (B)):	6 295 143 004
Contributions to be paid by one acceding State (Table 6):	83 545 005
	6 378 688 009
Total expenditure	9 444 059 329
Contributions to be paid by the six original Member States:	3 065 371 320

B. Relative shares of the six original Member States before adjustment

Financial year 1977

(in u.a.)

Member State	Contribution of the Member State (1)		Own resources to be paid (Table 2 (A))	Total share of the Member State	Relative share (%)
	%	amount			
Belgium	4·1437	165 559 146	408 000 000	573 559 146	7·8018
Germany	28·5914	1 142 352 914	1 324 000 000	2 466 352 914	33·5482
France	23·2914	930 594 468	773 600 000	1 704 194 468	23·1810
Italy	15·2137	607 854 618	1 137 600 000	1 745 454 618	23·7423
Luxembourg	0·1652	6 600 471	3 600 000	10 200 471	0·1387
Netherlands	5·3163	212 409 703	639 500 000	851 909 703	11·5880
Total	76·7217	3 065 371 320	4 286 300 000	7 351 671 320	100·0000

(1) GNP scale: the statistical data used in arriving at this scale are contained in Annexes C and D.

NB : This table, which deals with the original Member States, corresponds to Tables 3 and 4; the expenditure taken into consideration equals the total expenditure to be covered less the portion borne by the new Member States.

TABLE 8

Adjustment of the relative shares of the original Member States for the financial year 1977
(Articles 3 and 4 of the Council Decision of 21 April 1970)

Financial year 1977

(in %)

Member State	Relative share for reference (cf. Annex B) (1)	Upper limit (+2 %)	Lower limit (—2 %)	Relative share before adjustment (Table 7)	Difference:		First allocation	Relative share after adjustment
					below the lower limit	above the upper limit		
Belgium	7·7975	7·9835	7·6416	7·8018	—	—	+0·0158	7·8176
Germany	33·7816	34·4572	33·1060	33·5482	—	—	+0·1087	33·6569
France	26·4039	26·9320	25·8758	23·1810	+2·6948	—	—	25·8758
Italy	21·0409	21·4617	20·6201	23·7423	—	−2·2806	—	21·4617
Luxembourg	0·1894	0·1932	0·1856	0·1387	+0·0469	—	—	0·1856
Netherlands	10·7867	11·0024	10·5710	11·5880	—	−0·5856	—	11·0024
Total	100·0000	102·0000	98·0001	100·0000	+2·7417	−2·8662	+0·1245	100·0000

Balance to be distributed: Surplus: — 0·1245

(1) The relative share in the first column of Annex B has remained at 100.

TABLE 9

Contributions of the Member States to the financing of the budget, excluding the amount according to special scales

Financial year 1977

(in u.a.)

Member State	Relative share of the Member State after adjustment			Breakdown of adjusted relative share into:		Relative share of the Nine (%)
	% (1)	amount		own resources	contributions (columns 2 + 3 — 4)	
	1	2	3	4	5	6
Belgium	7·8176		574 724 257	408 000 000	166 724 257	6·0856
Germany	33·6569		2 474 344 665	1 324 000 000	1 150 344 665	26·2000
France	25·8758		1 902 303 767	773 600 000	1 128 703 767	20·1429
Italy	21·4617		1 577 793 644	1 137 600 000	440 193 644	16·7067
Luxembourg	0·1856		13 644 702	3 600 000	10 044 702	0·1445
Netherlands	11·0024		808 860 285	639 500 000	169 360 285	8·5647
Total	100·0000		7 351 671 320	4 286 300 000	3 065 371 320	77·8444
Denmark			217 865 005	134 320 000	83 545 005	2·3069
Ireland			57 353 772	57 353 772	—	0·6073
United Kingdom			1 817 169 232	1 817 169 232	—	19·2414
Grand Total			9 444 059 329	6 295 143 004	3 148 916 325	100·0000

(1) Cf. Table 8, final column.

ANNEXES

(SERIES OF TABLES BRINGING OUT THE REFERENCE DATA USED FOR THE CALCULATIONS IN THE FOREGOING SECTION)

ANNEX A

Contributions of the new Member States to the financing of the 1976 budget

Financial year 1976

(in u.a.)

Member State	Relative share of the Member State after adjustment		Breakdown of relative share into:	
	%	amount	own resources	contributions
Denmark	2·0264	166 157 008	87 609 000	78 548 008
Ireland	0·5145	42 187 022	42 187 022	—
United Kingdom	16·3010	1 336 619 322	1 336 619 322	—
Total contribution of the Three	18·8419	1 544 963 352	1 466 415 344	78 548 008
Budget Total	100·0000	8 199 615 497	5 028 315 344	3 171 300 153

Tables 3 to 5 were used to check the hypothesis that the own resources for Ireland and the United Kingdom would be at the top end of the possible range and to establish the contributions payable by Denmark.

NB: This table is taken from supplementary budget No 2 for 1976 and serves the sole purpose of providing a reference basis (together with Annex B) for column 1 in Table 5.

ANNEX B

Contributions of the Member States to the financing of the budget, excluding the amounts financed according to special scales

Financial year 1976

(in u.a.)

Member State	Relative share of the Member State after adjustment			Breakdown of adjusted relative share into:		Relative share of the Nine (3) (%)
	% (1)	amount		own resources	contributions (columns 2 + 3 — 4)	
	1	2 (2)	3	4	5	6
Belgium	7·8434	3 051 131	518 899 855	339 500 000	182 450 986	6·3656
Germany	33·9802	13 218 508	2 248 045 600	1 173 000 000	1 088 264 108	27·5777
France	26·5592	10 331 693	1 757 090 679	696 800 000	1 070 622 372	21·5549
Italy	21·1646	8 233 160	1 400 197 348	840 200 000	568 230 508	17·1768
Luxembourg	0·1905	74 105	12 603 007	3 400 000	9 277 112	0·1546
Netherlands	10·8501	4 220 756	717 815 656	509 000 000	213 036 412	8·8057
Total	100·5880	39 129 353	6 654 652 145	3 561 900 000	3 131 881 498	81·6353
Denmark	—	—	166 157 008	87 609 000	78 548 008	2·0264
Ireland	—	—	42 187 022	42 187 022	—	0·5145
United Kingdom	—	—	1 336 619 322	1 336 619 322	—	16·3010
Grand Total	100·5880	39 129 353	8 199 615 497	5 028 315 344	3 210 429 506	100·4772

(1) Cf. Table 8, last column.

(2) In this column the surplus revenue resulting from the relative share of Table 8 is broken down by Member State.

(3) The relative shares of the Six are calculated on the basis of the total given in column 3 in relation to the amount given for each of those Member States in columns 2 and 3.

NB: This table is taken from supplementary budget No 2 for 1976 and serves the sole purpose of providing a reference basis for column 1 in Tables 5 and 8.

ANNEX C

Gross national product at market prices — at current prices

(in national currencies)

Member State	Units	1972	1973	1974
Belgium	Bfrs (millions)	1 554 070	1 767 561	2 069 437
Denmark	Dkr (millions)	143 982	164 562	183 714
Germany	DM (millions)	825 110	916 830	980 910
France	FF (millions)	976 991	1 108 139	1 280 952
Ireland	£ (millions)	2 214	2 651	2 879
Italy	Lit (milliards)	69 269	80 963	97 182
Luxembourg	Lfrs (millions)	60 691	71 444	82 816
Netherlands	Fl (millions)	147 230	166 480	187 040
United Kingdom	£ (millions)	63 043	72 315	81 927

Source: National accounts 2-1975.

ANNEX D

Calculation of the proportion of the gross national product of each Member State in comparison with the total of the gross national products

(in million u.a.)

Member State	1972	1973	1974	Average	%
Belgium	31 081	35 351	41 389	35 940	4·1437
Denmark	19 198	21 942	24 495	21 878	2·5224
Germany	225 440	250 500	268 008	247 983	28·5914
France	175 902	199 514	230 628	202 015	23·2914
Ireland	5 314	6 362	6 910	6 195	0·7143
Italy	110 830	129 541	155 491	131 954	15·2137
Luxembourg	1 214	1 429	1 656	1 433	0·1652
Netherlands	40 671	45 989	51 669	46 110	5·3163
United Kingdom	151 303	173 556	196 625	173 828	20·0416
EEC	760 953	864 184	976 871	867 336	100·0000

C. SUMMARY OF EXPENDITURE

(in u.a.)

Section	1977 budget	Amending budget No 2	New total
I. Parliament	68 166 260	—	68 166 260
II. Council	72 515 546	—	72 515 546
III. Commission	9 433 107 792	−2 736 549	9 430 371 243
IV. Court of Justice	12 704 610	—	12 704 610
V. Court of Auditors	500 000	—	500 000
Total	9 586 994 208	−2 736 549	9 584 257 659

D. STAFF

Section III — Commission

Research and investment activities

I. Joint Research Centre

Category and grade	1977 budget			Changes			New authorization (1977)		
	Scientific and technical (1)	Administrative (2)	Total	Scientific and technical (1)	Administrative (2)	Total	Scientific and technical (1)	Administrative (2)	Total
A 1	2 (5)	—	2 (5)	—	—	—	2	—	2
A 2	9	1	10	—	—	—	9	1	10
A 3	30	8	38	—	—	—	30	8	38
A 4	124	10	134	—	—	—	124	10	134
A 5	219	12	231	—	—	—	219	12	231
A 6	84	1	85	—	—	—	84	1	85
A 7	24	3	27	—	—	—	24	3	27
A 8	—	—	—	—	—	—	—	—	—
Total	492	35	527	—	—	—	492	35	527
B 1	89	22	111	—	—	—	89	22	111
B 2	201	29	230	—	—	—	201	29	230
B 3	183	20 (6)	203	—	—	—	183	20 (6)	203
B 4	169	17	186	—	—	—	169	17	186
B 5	41	18 (7)	59	(−) 1	(−) 1	(−) 2	40	17 (7)	57
Total	683	106	789	(−) 1	(−) 1	(−) 2	682	105	787
C 1	48	29	77	(+) 190	(+) 82	(+) 272	238	111	349
C 2	35	33	68	(+) 262	(+) 93	(+) 355	297	126	423
C 3	1	—	1	(+) 74	(+) 45	+) 119	75	45	120
C 4	—	—	—	(+) 17	(+) 12	(+) 29	17	12	29
C 5	—	—	—	(+) 2	—	(+) 2	2	—	2
Total	84	62	146	(+) 545	(+) 232	(+) 777	629	294	923
D 1	—	—	—	(+) 35	(+) 24	(+) 59	35	24	59
D 2	—	—	—	(+) 21	(+) 11	(+) 32	21	11	32
D 3	—	—	—	—	(+) 2	(+) 2	—	2	2
Total	—	—	—	(+) 56	(+) 37	(+) 93	56	37	93
Total	1 259	203	1 462	(+) 600	(+) 268	(+) 868	1 859	471	2 330
Establishment staff	308	118	426	(−) 308	(−) 118	(−) 426	—	—	—
Grand Total	**1 567 (3)**	**321 (3)**	**1 888 (4)**	**(+) 292**	**(+) 150**	**(+) 442**	**1 859 (3)**	**471 (3)**	**2 330 (4a)**
For information : Local staff	298	154	452	(−) 298	(−) 154	(−) 452	—	—	—

(1) All staff employed in scientific or technical departments and performing either scientific, technical or general work (including managerial staff) are considered as occupying scientific or technical posts.

(2) The following are considered in principle as occupying administrative posts: all staff assigned to administrative, financial and supply departments of the establishments; all secretaries, whatever the departments to which they have been assigned; and the small number of staff assigned to scientific and technical departments who are made available to the supply departments of the establishments.

(3) Of the staff covered by the budget, the following may be included, as shown, under either of the heads 'scientific/technical' or 'administrative':
(a) category B staff in scientific/technical posts A 5/A 8 and administrative posts A 7/A 6 provided for in the budget, up to 5 % of these posts;
(b) category C staff in B posts provided for in the budget, up to 5 % of these posts;
(c) category D staff in C posts provided for in the budget, up to 5 % of these posts.

(4) Including 170 posts occupied by employees placed at the disposal of the Italian Government in accordance with the provision of Article 6 (c) of the Euratom Treaty (see appropriation account 1.90).

(4a) Including 232 posts occupied by employees placed at the disposal of the Italian Government in accordance with the provisions of Article 6 (c) of the Euratom Treaty (see appropriation account 1.90).

(5) Including one temporary post.

(6) Including six posts of senior secretarial assistant.

(7) Including 16 posts of secretarial assistant and two posts of technical assistant.

Section III — Commission *(cont'd)*

Research and investment activities

II. Indirect action

Category and grade	1977 budget (*)						Changes						New authorizations (1977)					
	Scientific and technical (1) (6)		Administrative (3) (6)		Total (6)		Scientific and technical (1) (6)		Administrative (2) (6)		Total (6)		Scientific and technical (1) (6)		Administrative (2) (6)		Total (6)	
	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)
A 1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
A 2	2	1	—	—	2	1	—	—	—	—	—	—	2	1	—	—	2	1
A 3	21	5	—	1	21	6	—	—	—	—	—	—	21	5	—	1	21	6
A 4	55	15	2	2	57	17	—	—	—	—	—	—	55	15	2	2	57	17
A 5	74	30	—	3	74	33	(+) 4	—	—	—	(+) 4	—	78	30	—	3	78	33
A 6	19	14	1	1	20	15	—	—	—	—	—	—	19	14	1	1	20	15
A 7	4	—	—	—	4	—	—	—	—	—	—	—	4	—	—	—	4	—
A 8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	175	65	3	7	178	72	(+) 4	—	—	—	(+) 4	—	179	65	3	7	182	72
B 1	14	5	1	1	15	6	—	—	—	—	—	—	14	5	1	1	15	6
B 2	29	20	5	3	34	23	—	(−) 4	(+) 1	(−) 1	(+) 1	(−) 5	29	16	6	2	35	18
B 3	25	20	1 (5)	3	26	23	—	(−) 4	—	(−) 1	—	(−) 5	25	16	1 (5)	2	26	18
B 4	10	20	—	3	10	23	—	(−) 3	—	(−) 1	—	(−) 4	10	17	—	2	10	19
B 5	2	5	—	2	2	7	—	—	—	—	—	—	2	5	—	2	2	7
Total	80	70	7	12	87	82	—	(−) 11	(+) 1	(−) 3	(+) 1	(−) 14	80	59	8	9	88	68
C 1	—	2	5	1	5	3	—	—	(+) 1	—	(+) 1	—	—	2	6	1	6	3
C 2	—	3	12	8	12	11	(+) 1	—	(+) 1	—	(+) 2	—	1	3	13	8	14	11
C 3	—	5	10	11	10	16	(+) 3	—	(+) 2	—	(+) 5	—	3	5	12	11	15	16
C 4	—	—	1	—	1	—	—	—	—	—	—	—	—	—	1	—	1	—
C 5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	10	28	20	28	30	(+) 4	—	(+) 4	—	(+) 8	—	4	10	32	20	36	30

Category and grade	1977 budget (*)						Changes						New authorizations (1977)					
	Scientific and technical (1) (6)		Administrative (2) (6)		Total (6)		Scientific and technical (1) (6)		Administrative (2) (6)		Total (6)		Scientific and technical (1) (6)		Administrative (2) (6)		Total (6)	
	Permanent	temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)	Permanent	Temporary (JET)
D 1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D 2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
D 3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	255 (4)	145	38	39	293	184	(+) 8	(−) 11	(+) 5	(−) 3	(+) 13	(−) 14	263	134	43	36	306	170
Establishment staff	1	—	2	—	3	—	(−) 1	—	(−) 2	—	(−) 3	—	—	—	—	—	—	—
Grand Total (3)	**256**	**145**	**40**	**39**	**296**	**184**	(+) 7	(−) 11	(+) 3	(−) 3	(+) 10	(−) 14	**263 (4)**	**134**	**43**	**36**	**306**	**170**
For information : Local staff					8						(−) 8		—	—	—	—	—	—

(*) The list of posts authorized for 1977 does not yet take account of the changes made in amending budget No 3/1976.

(1) All staff employed in scientific or technical departments (including managerial staff) are considered as occupying scientific or technical posts.

(2) The following are considered in principle as administrative posts: all staff assigned to administrative and financial departments; all secretaries, whatever the departments to which they have been assigned; and the small number of staff assigned to scientific departments.

(3) Of the staff covered by the budget, the following may be included, as shown, under either of the heads 'scientific/technical' or 'administrative':
(a) category B staff in scientific/technical posts A 5/A 8 and administrative posts A 7/A 6 provided for in the budget, up to 5 % of these posts;
(b) category C staff in B posts provided for in the budget, up to 5 % of these posts.

(4) Including 54 posts in 1977 occupied by staff made available to national bodies in accordance with Article 6 (c) of the Euratom Treaty (for details see appropriation accounts 1.80.0, 1.80.1 and 1.80.2).

(5) Including one post of senior secretarial assistant.

(6) The temporary posts proposed by the Commission for the JET project (Joint European Torus), the construction of which is planned as part of the fusion and plasma physics programme (Chapter 3.20 of Annex I to Section III) remain frozen pending a Council programme decision on the project, a decision which will *inter alia* determine the Staff Regulations and the number of staff assigned to the programme.

SECTION III

COMMISSION

COMMISSION

STATEMENT OF REVENUE

Estimate of Commission revenue for the financial year 1977

Title Chapter	Article	Heading	1977 budget	u.a. Amending budget No 2	New tota
TITLE 2		SURPLUSES AVAILABLE			
Chap. 20		*Surplus available from the preceding financial year*	39 129 353	—	39 129 353
		TITLE 2 — TOTAL	39 129 353	—	39 129 353
TITLE 4		DEDUCTIONS FROM STAFF REMUNERATION			
Chap. 40		*Proceeds of taxation on salaries, wages and allowances of officials and other staff*	35 700 000	—	35 700 000
Chap. 41		*Staff contributions to the pension scheme*	13 288 000 (1)	+ 1 917 000	15 205 000
		TITLE 4 — TOTAL	48 988 000 (1)	+ 1 917 000	50 905 000
TITLE 9		MISCELLANEOUS REVENUE			
Chap. 90		*Proceeds of the sale of movable and immovable property*	540 000	—	540 000
Chap. 91		*Proceeds of letting and hiring*	14 000	—	14 000
Chap. 92		*Revenue and allowances for services rendered against payment*	6 000 (7 587 900)	— —	6 000 (7 587 900)
Chap. 93		*Repayment of miscellaneous expenditure*	token entry	—	token entry
Chap. 94		*Borrowing and lending*	3 400 000	—	3 400 000
Chap. 95		*Miscellaneous revenue*	3 800 000	—	3 800 000

(1) There was an error in Chapter 41 of both the draft and supplementary and amending budget No 1/77. This error has been corrected in the present volume.

COMMISSION

Estimate of Commission revenue for the financial year 1977

Chapter	Article	Remarks

COMMISSION

Estimate of Commission revenue for the financial year 1977 *(cont'd)*

Title Chapter	Article	Heading	u.a.		
			1977 budget	Amending budget No 2	New total
Chap. 96		*Repayments*			
	960	Repayments by the European Investment Bank under the terms of the guarantee provided for in Article 961 of the statement of expenditure (aid to Portugal)	token entry	—	token entry
	961	Repayments by the European Investment Bank under the terms of the guarantee provided for in Article 963 of the statement of expenditure (EEC guarantee for loans made available by the EIB to Yugoslavia)	token entry	—	token entry
	962	Repayments by the European Investment Bank under the terms of the guarantee provided for in Item 9621 of the statement of expenditure (EEC guarantee for loans made available by the EIB to non-member countries linked to the Community by Financial Protocols)		token entry	token entry
		Chapter 96 — Total	token entry	—	token entry
Chap. 99		*Other revenue*	67 520	—	67 520
		TITLE 9 — TOTAL	7 827 520 (7 587 900)	—	7 827 520 (7 587 900)
		GRAND TOTAL	**95 944 873 (7 587 900)**	**+ 1 917 000**	**97 861 873 (7 587 900)**

COMMISSION

Estimate of Commission revenue for the financial year 1977 *(cont'd)*

Chapter	Article	Remarks

COMMISSION

STATEMENT OF EXPENDITURE

General summary of appropriations for 1977 (1)

Title Chapter	Heading	u.a.		
		1977 budget	Amending budget No 2	New total
TITLE 1	EXPENDITURE RELATING TO PERSONS WORKING WITH THE INSTITUTION			
	TITLE 1 — TOTAL	288 176 700	—	288 176 700
TITLE 2	BUILDINGS, EQUIPMENT AND MISCELLANEOUS ADMINISTRATIVE EXPENDITURE			
	TITLE 2 — TOTAL	117 263 440	—	117 263 440
TITLE 3	EXPENDITURE ON SPECIFIC PROJECTS UNDERTAKEN BY THE INSTITUTION			
Chap. 30	Expenditure in the social sector	6 155 000	—	6 155 000
Chap. 31	Expenditure in the agricultural sector	5 303 500	—	5 303 500
Chap. 32	Expenditure under the energy policy	34 000 000	—	34 000 000
Chap. 33	Expenditure on research and investment	183 337 388	— 2 466 685	180 870 703
Chap. 34	Expenditure relating to safeguards	715 000	—	715 000
Chap. 35	Protection of man and his environment	5 872 000	—	5 872 000
Chap. 36	Expenditure on scientific and technical information and on information management	3 082 000	—	3 082 000
Chap. 37	Expenditure in the industrial and transport sectors	3 485 800	—	3 485 800
Chap. 39	Other expenditure on specific projects undertaken by the institution	3 105 000	—	3 105 000
	TITLE 3 — TOTAL	245 055 688	— 2 466 685	242 589 003

(1) Chapters not shown in detail remain unchanged.

COMMISSION

General summary of appropriations for 1977 *(cont'd)*

Title Chapter	Heading	u.a.		
		1977 budget	Amending budget No 2	New total
TITLE 4	REPAYMENTS AND AID TO MEMBER STATES AND MISCELLANEOUS		— 269 864	629 514 300
	TITLE 4 — TOTAL	629 784 164	— 269 864	629 514 300
TITLE 5	SOCIAL AND REGIONAL FUNDS			
	TITLE 5 — TOTAL	577 440 000	—	577 440 000
TITLES 6 and 7	EUROPEAN AGRICULTURAL GUIDANCE AND GUARANTEE FUND — GUARANTEE SECTION			
	TITLES 6 AND 7 — TOTAL	7 101 600 000	—	7 101 600 000
TITLE 8	EUROPEAN AGRICULTURAL GUIDANCE AND GUARANTEE FUND — GUIDANCE SECTION			
	TITLE 8 — TOTAL	157 800 000	—	157 800 000
TITLE 9	COOPERATION WITH DEVELOPING COUNTRIES AND NON-MEMBER STATES			
	TITLE 9 — TOTAL	255 199 100	—	255 199 100
TITLE 10	OTHER EXPENDITURE			
	TITLE 10 — TOTAL	60 788 700	—	60 788 700
	GRAND TOTAL	**9 433 107 792**	**— 2 736 549**	**9 430 371 243**

COMMISSION

BREAKDOWN OF APPROPRIATIONS FOR EXPENDITURE (1)

TITLE 3

EXPENDITURE ON SPECIFIC PROJECTS UNDERTAKEN BY THE INSTITUTION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT

Article	Item	Heading	Payment appropriations		
			u.a.		
			1977 budget	Amending budget No 2	New total
		CHAPTER 33			
330 and 331		*Joint Research Centre — Joint programmes, 1977 to 1980*			
	3300	Reactor safety	token entry	+ 20 457 519	20 457 519
	3301	Plutonium fuels and actinides research	token entry	+ 10 061 219	10 061 219
	3302	Nuclear materials and radioactive waste	token entry	+ 5 644 584	5 644 584
	3303	Solar energy	token entry	+ 3 848 500	3 848 500
	3304	Hydrogen	token entry	+ 4 063 024	4 063 024
	3305	High-temperature materials	token entry	+ 2 383 099	2 383 099
	3306	Design studies on thermonuclear fusion	token entry	+ 2 857 831	2 857 831
	3307	Environment and resources	token entry	+ 9 944 062	9 944 062
	3308	Measurements, standards and reference techniques (METRE)	token entry	+ 14 380 740	14 380 740
	3309	Data processing	token entry	+ 4 177 474	4 177 474
	3310	Training	token entry	+ 381 375	381 375
	3311	Supervision of fissile materials	token entry	+ 4 166 799	4 166 799
		Articles 330 and 331 — Total	token entry	+ 82 366 226	82 366 226

(1) Within Chapter 33 of Title 3 'Expenditure on research and investment' and Chapter 40 of Title 4 'Lump-sum repayment of costs incurred in collecting own resources'.

COMMISSION

TITLE 3

EXPENDITURE ON SPECIFIC PROJECTS UNDERTAKEN BY THE INSTITUTION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT

Article	Item	Remarks
		The appropriations entered in this chapter are all the appropriations shown in detail in the statement of expenditure relating to research and investment activities (Section III of Annex I to the Commission budget) which was created pursuant to Article 94 of the Financial Regulation of 25 April 1973. This statement contains the appropriations which translate into budgetary terms the multiannual programmes adopted, in particular, under the provisions of Article 7 of the Euratom Treaty and, in other fields, under Article 235 of the EEC Treaty. In accordance with Article 95 (2) of the Financial Regulation of 25 April 1973, it includes appropriations for commitment and appropriations for payment. A distinction should be made between: (a) direct action carried out at the four establishments of the Joint Research Centre (JRC) which was created under Article 8 of the Euratom Treaty. The four establishments are situated at Ispra (Italy), Karlsruhe (Federal Republic of Germany), Geel (Belgium) and Petten (Netherlands); and (b) indirect action carried out at the Commission headquarters (DG XII) through the medium of contracts of association, cost-sharing contracts, study contracts, etc. (Article 10 of the Euratom Treaty). Account should also be taken of the following: 1. Annex I mentioned above continues to represent for the financial year 1977 that section of the general budget of the Communities which relates to research and investment expenditure; 2. before the end of the financial year 1977, the Commission will report to Parliament on the results of the application to the research and investment budget of the new nomenclature approved by Parliament; 3. it is on the basis of this report that the institutions will formulate the final modifications to the budgetary nomenclature and to the presentation of research and investment appropriations, as well as any modifications to the Financial Regulation which may result therefrom.

Article	Item	Corresponding nomenclature in Annex I	1977 budget	Amending budget No 2	New total	Remarks
330 and 331		**Title 2 — Joint Research Centre — Joint programmes, 1977 to 1980**				The appropriations entered under Articles 330 and 331 cover JRC expenditure arising from the implementation in 1977 of the new multiannual programme adopted on 18 July 1977 (OJ No L 200 of 8 August 1977, page 4). They are also intended to cover the financial implications of : — the Council Regulation of 21 October 1976 amending the conditions of employment of other servants of the European Communities (reclassification of establishment and local staff paid from research appropriations as temporary staff occupying permanent posts), — the Council Regulation of 21 December 1976 adjusting remuneration.
	3300	2.10.1	token entry	+ 22 024 463	22 064 463	
	3301	2.10.2	token entry	+ 11 068 508	11 068 508	
	3302	2.10.3	token entry	+ 6 013 976	6 013 976	
	3303	2.20.1	token entry	+ 4 387 661	4 387 661	
	3304	2.20.2	token entry	+ 4 296 528	4 296 528	
	3305	2.20.3	token entry	+ 2 438 307	2 438 307	
	3306	2.20.4	token entry	+ 3 155 372	3 155 372	
	3307	2.30	token entry	+ 10 699 712	10 699 712	
	3308	2.40	token entry	+ 15 486 977	15 486 977	
	3309	2.50.1	token entry	+ 4 538 012	4 538 012	
	3310	2.50.2	token entry	+ 388 828	388 828	
	3311	2.50.3	token entry	+ 4 394 300	4 394 300	
		Articles 330 and 331 (Title 2) — Total	token entry	+ 88 892 644	88 892 644	

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Heading	Payment appropriations u.a.		
			1977 budget	Amending budget No 2	New total
332		*Joint Research Centre — Complementary programmes, 1977 to 1980*	token entry	+ 8 854 345	8 854 345
		Article 332 — Total	token entry	+ 8 854 345	8 854 345
333 and 334		*Indirect action — Joint programmes, 1975 to 1980*			
	3330	Training	token entry	+ 207 100	207 100
	3331	Fusion and plasma physics	22 939 054	+ 388 500	23 327 554
	3332	Fusion and plasma physics — JET project	token entry	—	token entry
	3333	Biology and health protection	7 344 294	+ 184 900	7 529 194
	3334	Reference materials and methods	955 118	+ 21 400	976 518
	3335	Protection of the environment	3 786 017	+ 30 900	3 816 917
	3336	Plutonium recycling in light-water reactors	1 031 600	+ 10 400	1 042 000
	3337	Management and storage of radioactive waste	4 635 200	+ 10 300	4 645 500
	3340	Energy economy	3 005 376	+ 17 400	3 022 776
	3341	Production and use of hydrogen	3 648 095	+ 11 900	3 659 995
	3342	Solar energy	5 731 758	+ 17 400	5 749 158
	3343	Geothermal energy	3 563 978	+ 10 300	3 574 278
	3344	Systems analysis	1 388 707	+ 19 800	1 408 507
		Articles 333 and 334 — Total	58 029 197	+ 980 300	59 009 497

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Corresponding nomenclature in Annex I	1977 budget	Amending budget No 2	New total	Remarks
332		**Title 4 — Joint Research Centre — Complementary programmes, 1977 to 1980**				For more details see Titles 2 and 4 and appropriation accounts 1.10, 1.20, 1.30, 1.40 and 1.50 in Annex I (statement of revenue and expenditure relating to research and investment activities).
	3320	4.10	token entry	9 620 620	+ 9 620 620	
		Article 332 (Title 4) — Total	token entry	9 620 620	+ 9 620 620	
333 and 334		**Title 3 — Indirect action — Joint programmes, 1975 to 1980**				The appropriations entered under Articles 333 and 334 cover expenditure on indirect action arising from the implementation of the programme decisions listed below:
	3330	3.11	token entry	+ 1 186 983	1 186 983	
	3331	3.20.0	16 029 292	+ 388 500	16 417 792	
	3332	3.20.1	token entry	—	token entry	
	3333	3.30	5 827 867	+ 184 900	6 012 767	
	3334	3.51	908 233	+ 21 400	929 633	
	3335	3.52	5 470 000	+ 30 900	5 500 900	
	3336	3.60	1 421 600	+ 10 400	1 432 000	
	3337	3.66	6 511 200	+ 10 300	6 521 500	
	3340	3.61	4 503 076	+ 17 400	4 520 476	
	3341	3.62	5 402 295	+ 11 900	5 414 195	
	3342	3.63	7 003 076	+ 17 400	7 020 476	
	3343	3.64	5 202 178	+ 10 300	5 212 478	
	3344	3.65	1 603 876	+ 19 800	1 623 676	
		Articles 333 and 334 (Title 3) — Total	59 882 693	+ 1 910 183	61 792 876	

Post	Date
3330 (3.11)	21 December 1976
3331 (3.20.0)	25 March 1976
3332 (3.20.1)	25 March 1976
3333 (3.30)	15 March 1976
3334 (3.51)	15 March 1976
3335 (3.52)	15 March 1976
3336 (3.60)	17 December 1974
3337 (3.66)	26 June 1975
3340 (3.61)	22 August 1975 and 21 December 1976 (revised)
3340 (3.65)	22 August 1975 and 21 December 1976 (revised)

They are also used to cover the financial implications arising from:
— the Council Regulation of 21 October 1976 amending the conditions of employment for other servants of the European Communities (reclassification of establishment and local staff paid from research appropriations as temporary staff occupying permanent posts),
— the Council Regulation of 21 December 1976 adjusting remuneration.

For further details see Title 3 and appropriation account 1.11 in Annex I (statement of revenue and expenditure relating to research and investment activities).

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Heading	Payment appropriations		
			u.a.		
			1977 budget	Amending budget No 2	New total
335		*Indirect action — Complementary programmes, 1975 to 1980*	token entry	—	token entry
		Article 335 — Total	token entry	—	token entry
336		*Completion of projects authorized under previous programmes*			
	3362	Joint JRC programme, 1972 to 1976	502 103	+ 544 367	1 046 470
	3363	Complementary JRC programmes, 1973 to 1976	182 722	+ 88 149	270 871
	3364	Joint programme — Indirect action, 1971 to 1975	1 139 097	− 50 000	1 089 097
		Article 336 — Total	1 823 922	+ 582 516	2 406 438
337		*Other activities*			
	3370	Export/Import Bank	3 400 000	—	3 400 000
		Article 337 — Total	3 400 000	—	3 400 000
338		*Miscellaneous activities*			
	3380	Expenditure on training programme	201 800	− 201 800	—
	3381	Implementation of the Council resolution of 22 July 1975 on nuclear plant safety	273 500	+ 23 800	297 300

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Corresponding nomenclature in Annex I	1977 budget	Amending budget No 2	New total	Remarks
335		**Title 5 — Indirect action — Complementary programmes 1975 to 1980**				
			token entry	—	token entry	
		Article 335 (Title 5) — Total	token entry	—	token entry	
336		**Title 6 — Completion of projects authorized under previous programmes**				These appropriations cover commitments contracted under preceding programmes for which payment appropriations have not yet been allocated. They also cover commitment appropriations carried forward from previous programmes to enable certain earlier projects to be completed.
	3362	6.10 to 6.12	—	—	—	
	3363	6.13 to 6.15	—	—	—	
	3364	6.20.1 to 6.20.6	—	—	—	
		Article 336 (Title 6) — Total	—	—	—	
337		**Title 7 — Other activities**				
	3370	7.00.2	3 400 000	—	3 400 000	These appropriations cover capital repayments and payments of interest on sums borrowed by the Commission from the Export-Import Bank in Washington under the agreement concluded on 10 August 1959 (Council Decision of 28 May 1959; see also Article 941 of the statement of revenue).
		Article 337 (Title 7) — Total	3 400 000	—	3 400 000	
338		**Title 8 — Miscellaneous activities**				
	3380	8.10	201 800	— 201 800	—	
	3381	8.11	273 500	+ 23 800	297 300	These appropriations cover expenditure arising from the application in 1977 of the Council resolution of 22 July 1975. Additional requirements are created by the financial implications of the Council Regulation of 21 December 1976 on the adjustment of remuneration. For further details see Chapter 8.11 and appropriation account 1.11 in Annex I (statement of revenue and expenditure relating to research and investment activities).

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Heading	Payment appropriations u.a.		
			1977 budget	Amending budget No 2	New total
338		*(cont'd)*			
	3382	JRC normal operating expenditure	3 068 497	—	3 068 497
	3383	Expenditure which may be necessary to the operation of the JRC	69 358 472	— 69 358 472	—
	3384	Staff awaiting assignment to a post — Indirect action	—	+ 17 400	17 400
	3385	Adjustment of establishment and local staff expenditure	—	+ 900 000	900 000
		Article 338 — Total	72 902 269	— 68 619 072	4 283 197

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Corresponding nomenclature in Annex I	1977 budget	Amending budget No 2	New total	Remarks
338		*(cont'd)*				
	3382	8.30	—	—	—	In 1976 a commitment appropriation of 4 292 800 u.a. and a payment appropriation of 1 224 303 u.a. were allocated to this item to meet normal JCR operating expenditure. The appropriations entered under this heading for 1977 are the difference between the payment appropriations and total commitment appropriations for 1976 (see also Chapter 8.30 of Annex I, statement of revenue and expenditure relating to research and investment activities).
	3383	8.31	75 054 321	75 054 321	—	The appropriations which were provisionally entered under this item have been transferred to Articles 330, 331 and 332.
	3384	8.10	—	+ 17 400	17 400	These appropriations cover the remuneration of a C grade official engaged under the training programme until 31 December 1976 (Item 3300). From 1 January 1977 only six members of staff will be engaged on this programme instead of the seven previously employed, in accordance with the programme decision of 21 December 1976 (see remarks on Chapter 8.10 in Annex I).
	3385	8.20	—	+ 900 000	900 000	These appropriations are intended to cover salary arrears in 1976 arising from the Council Regulation of 21 October 1976 amending the conditions of employment of other servants of the European Communities (reclassification of establishment and local staff paid from research appropriations as temporary staff occupying permanent posts).
		Article 338 (Title 8) — Total	75 054 321	— 74 314 921	1 214 700	

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Heading	Payment appropriations u.a.		
			1977 budget	Amending budget No 2	New total
339		*Provisional appropriations*			
	3390	Provisional appropriations for certain JRC staff expenditure adjustments	7 374 000	— 7 374 000	—
	3391	Provisional appropriations for certain expenditure adjustments — Indirect action	883 000	— 883 000	—
	3392	Provisional appropriations for the new JRC programme	17 955 000	— 17 955 000	—
	3393	Provisional appropriations for the new programme in the field of 'training'	20 000	— 20 000	—
	3394	Provisional appropriations for the project on 'fusion and plasma physics — JET project'	20 950 000	— 399 000	20 551 000
		Article 339 — Total	47 182 000	— 26 631 000	20 551 000
		CHAPTER 33 — TOTAL	183 337 388	— 2 466 685	180 870 703
		Title 3 — Total	245 055 688	— 2 466 685	242 589 003

COMMISSION

CHAPTER 33 — EXPENDITURE ON RESEARCH AND INVESTMENT *(cont'd)*

Article	Item	Corresponding nomenclature in Annex I	1977 budget	Amending budget No 2	New total	Remarks
339		**Title 9 — Provisional appropriations**				
	3390	9.10	7 347 000	— 7 347 000	—	The appropriations entered provisionally under these items have been transferred to Articles 330 to 334 and to Article 33 in accordance with the Commission proposal concerning the future presentation in the budget of provisional appropriations for adjustment of remuneration.
	3391	9.20	883 000	— 883 000	—	
	3392	9.90	25 571 000	— 25 571 000	—	Some of the appropriations entered provisionally under this item have been transferred to Articles 330, 331 and 332. The balance not transferred has lapsed.
	3393	9.21	999 883	— 999 883	—	The appropriations originally entered under this item have been transferred to Item 3330.
	3394	9.22	39 620 000	— 22 093 000	17 527 000	These appropriations cover the Community's contribution to financing the construction and operation of the JET (Joint European Torus) envisaged as part of the research on the fusion and plasma physics programme.
		Article 339 (Title 9) — Total	74 447 883	— 56 920 883	17 527 000	
		CHAPTER 33 — TOTAL	213 260 197	— 30 812 357	182 447 840	

COMMISSION

TITLE 4

REPAYMENTS OF AID TO MEMBER STATES AND OTHER AID

CHAPTER 40 — LUMP-SUM REPAYMENT OF COSTS INCURRED IN COLLECTING OWN RESOURCES

Article	Item	Heading	u.a.		
			1977 budget	Amending budget No 2	New total
		CHAPTER 40			
400		*Belgium*	40 800 000	—	40 800 000
401		*Denmark*	13 432 000	—	13 432 000
402		*Germany*	132 400 000	—	132 400 000
403		*France*	77 360 000	—	77 360 000
404		*Ireland*	5 743 634	— 8 257	5 735 377
405		*Italy*	113 760 000	—	113 760 000
406		*Luxembourg*	360 000	—	360 000
407		*Netherlands*	63 950 000	—	63 950 000
408		*United Kingdom*	181 978 530	— 261 607	181 716 300
		CHAPTER 40 — TOTAL	629 784 164	— 269 864	629 514 300
		Title 4 — Total	**629 784 164**	**— 269 864**	**629 514 300**
		GRAND TOTAL	**9 433 107 792**	**— 2 736 549**	**9 430 371 243**

COMMISSION

TITLE 4

REPAYMENTS OF AID TO MEMBER STATES AND OTHER AID

CHAPTER 40 — LUMP-SUM REPAYMENT OF COSTS INCURRED IN COLLECTING OWN RESOURCES

Article	Item	Remarks

COMMISSION

ANNEX I

STATEMENT OF REVENUE AND EXPENDITURE RELATING TO RESEARCH AND INVESTMENT ACTIVITIES

COMMISSION

Annex I
(Research and investment)

STATEMENT OF REVENUE

Estimated revenue of the Commission for the financial year 1977

(in u.a.)

Title Chapter	Article	Nature of revenue	1977 budget	Amending budget No 2	New total
TITLE 2		AVAILABLE SURPLUSES			
Chap. 20		*Surplus available from preceding financial year*	token entry	token entry	token entry
		TITLE 2 — TOTAL	token entry	token entry	token entry
TITLE 4		DEDUCTIONS FROM STAFF REMUNERATIONS			
Chap. 40		*Proceeds of taxation on the salaries, wages and allowances of officials and other servants*	— (1)	— (1)	— (1)
Chap. 41		*Staff contributions to the pension scheme*	1 563 000	+ 1 917 000	3 480 000
		TITLE 4 — TOTAL	1 563 000	+ 1 917 000	3 480 000

(1) In order to ensure, in the implementation of the functional budget, full compatibility with the programme appropriations, less tax, the Community tax proceeds are assigned as a credit to the 'Staff' appropriation account.

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977

Chapter	Article	Remarks

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977 *(cont'd)*

(in u.a.)

Title Chapter	Article	Nature of revenue	1977 budget	Amending budget No 2	New total
TITLE 5		CONTRIBUTIONS			
Chap. 51	510	*Contributions provided for in Articles 3 (4) and 4 (6) respectively of the Decision of 21 April 1970 on the replacement of financial contributions of Member States by the Communities' own resources*			
		Belgium	13 550	+ 6 723	20 273
		Germany	58 378	+ 4 456 070	4 514 448
		France	28 176	+ 445	28 621
		Italy	13 848	+ 18 056	31 904
		Luxembourg	329	+ 147	476
		Netherlands	19 082	+ 4 436 622	4 455 704
		Denmark	5 141	+ 2 545	7 686
		Ireland	1 354	+ 669	2 023
		United Kingdom	42 864	+ 21 217	64 081
		TITLE 5 — TOTAL	182 722	+ 8 942 494	9 125 216
TITLE 9		MISCELLANEOUS REVENUE			
Chap. 90		*Proceeds of the sale of movable and immovable property*			
	900	Proceeds of the sale of movable property	token entry	—	token entry
	901	Proceeds of the sale of immovable property	—	—	—
Chap. 91		*Proceeds of letting and hiring*			
	910	Proceeds from hiring of furniture and equipment	—	—	—
	911	Proceeds from letting of immovable property	2 000	—	2 000

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977 *(cont'd)*

Chapter	Article	Remarks
51		The revenue assigned to this chapter is that representing contributions under the complementary programmes. Details of the calculations concerning these contributions can be seen in Annex A to this statement of revenue. The scales for the contributions of the Member States to the complementary programmes (1973 to 1976) in the fields of plutonium and transplutonium elements and supervision and management of fissile materials, as shown in Annex A to this statement of revenue, have been calculated on the basis of the relative shares proposed in amending budget No 2/1977, page 25. As regards the 'HFR reactor' complementary programme, the scale adopted on a hypothetical basis is that shown in the programme decision of 18 July 1977 (OJ L 200 of 8 August 1977, page 4).

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977 *(cont'd)*

(in u.a.)

Title Chapter	Article	Nature of revenue	1977 budget	Amending budget No 2	New total
Chap. 92		*Revenue and remuneration for services provided against payment*			
	920	Supply against payment of source materials or special fissile materials (Article 6 of the Euratom Treaty)	token entry	—	token entry
	921	Remuneration for services provided against payment for the purposes of implementing the Community research programme (Article 10 of the Euratom Treaty)	token entry	—	token entry
	922	Remuneration for services provided against payment to Member States, persons or undertakings (Article 6 of the Euratom Treaty)	token entry	—	token entry
	923	Revenue from licences granted by the Commission under patents or on the basis of technical data	6 000	—	6 000
	925	Revenue arising from surplus in respect of services performed on behalf of outside bodies and individuals	token entry	—	token entry
	929	Other revenue from services provided against payment	token entry	—	token entry
Chap. 93		*Repayment of miscellaneous expenditure*			
	930	Repayment of expenditure on account of another institution	token entry	—	token entry
	931	Repayment of expenditure on account of one or more Member States	token entry	—	token entry
	932	Repayment of expenditure incurred specifically as a result of work undertaken on request and against payment	token entry	—	token entry
	939	Other repayments of expenditure on account of outside bodies and individuals	token entry	—	token entry

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977 *(cont'd)*

Chapter	Article	Remarks
	929	Revenue due in 1977 from performance of 1977 programmes. The monies received in 1977 from services to be provided under the 1977 programmes constitute resources in the appropriation accounts and, in conformity with the structure of the functional budget, do not necessitate an entry in the statement of revenue. To this revenue are added the repayments by the Italian and Belgian Governments and those by certain national agencies for having had placed at their disposal, on the basis of Article 6 (c) of the Euratom Treaty, the BR-2 reactor (appropriation account 1.80.0), staff seconded under former advanced reactor associations (appropriation account 1.80.1) and staff of a former association in the field of biology (appropriation account 1.80.2) and the Essor reactor (appropriation account 1.90.0).

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977 *(cont'd)*

(in u.a.)

Title Chapter	Article	Nature of revenue	1977 budget	Amending budget No 2	New total
Chap. 94		*Borrowing and lending operations*			
	940	Proceeds of borrowing under the Euratom/US Agreement	token entry	—	token entry
	941	Repayment of loans granted under the Euratom/US Agreement	3 400 000	—	3 400 000
	942	Payment of financial and bank charges in respect of lending and borrowing operations under the Euratom/US Agreement	token entry	—	token entry
	949	Proceeds from miscellaneous borrowing operations	—	—	—
Chap. 95		*Miscellaneous income*			
	950	Income from investments and loans, bank interest, and other items	token entry	—	token entry
Chap. 99		*Other miscellaneous revenue*			
	990	Repayment of duties and charges on research operations by the French and Italian Governments	token entry	—	token entry
	991	Unexpended miscellaneous revenue which may be used again (Article 22 of the Financial Regulation)	token entry	—	token entry
	999	Other miscellaneous revenue	5 000	—	5 000
		TITLE 9 — TOTAL	3 413 000	—	3 413 000
		GRAND TOTAL	**5 158 722**	**10 859 494**	**16 018 216**

COMMISSION

Annex I
(Research and investment)

Estimated revenue of the Commission for the financial year 1977 *(cont'd)*

Article	Item	Remarks
	941	This revenue corresponds to repayments of capital and payments of interest or loans from the Commission to the Kernkraftwerk RWE Bayerwerk GmbH (contract of 26 July 1963) and to the Société d'énergie nucléaire franco-belge des Ardennes (SENA) (contract of 17 October 1963) for the construction of nuclear power stations. The Commission borrowed the capital for these loans from the Eximbank, Washington, under the contract of 10 August 1959 (Council Decision of 28 May 1959; also see Article 337 of the statement of expenditure).

COMMISSION

Annex I
(Research and investment)

ANNEX

to the statement of revenue

Calculation of the contributions by Member States to the financing of the complementary programmes

(in u.a.)

Objective	Budget nomenclature	Expenditure (1)	Contributions					
			Belgium		Denmark		Germany	
			%		%		%	
1977 to 1980 programmes								
HFR reactor	Chap. 4.10 (2)	8 854 345	—	—	—	—	50·00	4 427 173
Completion of projects authorized under preceding programmes, 1973 to 1976								
Plutonium and transplutonium elements	Chap. 6.13.1 (3)	118 365	7·31	8 652	2·77	3 279	31·46	37 238
Control and management of fissile materials	Chap. 6.14.1 (3)	152 506	7·62	11 621	2·89	4 407	32·81	50 037
Total		**9 125 216**		**20 273**		**7 686**		**4 514 448**

Objective	Budget nomenclature	Expenditure (1)	Contributions					
			France		Ireland		Italy	
			%		%		%	
1977 to 1980 programmes								
HFR reactor	Chap. 4.10 (2)	8 854 345	—	—	—	—	—	—
Completion of projects authorized under preceding programmes, 1973 to 1976								
Plutonium and transplutonium elements	Chap. 6.13.1 (3)	118 365	24·18	28 621	0·73	864	—	—
Control and management of fissile materials	Chap. 6.14.1 (3)	152 506	—	—	0·76	1 159	20·92	31 904
Total		**9 125 216**		**28 621**		**2 023**		**31 904**

Objective	Budget nomenclature	Expenditure (1)	Contributions					
			Luxembourg		Netherlands		United Kingdom	
			%		%		%	
1977 to 1980 programmes								
HFR reactor	Chap. 4.10 (2)	8 854 345	—	—	50·00	4 427 172	—	—
Completion of projects authorized under preceding programmes, 1973 to 1976								
Plutonium and transplutonium elements	Chap. 6.13.1 (3)	118 365	0·17	201	10·28	12 168	23·10	27 342
Control and management of fissile materials	Chap. 6.14.1 (3)	152 506	0·18	275	10·73	16 364	24·09	36 739
Total		**9 125 216**		**476**		**4 455 704**		**64 081**

(1) The expenditure represents the appropriations for payment entered under each objective for 1977.
(2) Contributions are calculated from the flat-rate scale shown in the programme decision of 18 July 1977 (OJ No L 200 of 8 August 1977, page 4).
(3) Contributions are calculated from the relative shares set out in amending budget No 2/1977, page 25.

COMMISSION
Annex I
(Research and investment)

STATEMENT OF EXPENDITURE

PART ONE

Recapitulative table of statement of expenditure

(in u.a.)

Title	Chapter	Article	Heading	New tranche	Appropriations for commitment	Appropriations for payment
1			BALANCE OF APPROPRIATION ACCOUNTS			
	1.10		*Staff — JRC*	—	token entry	token entry
	1.11		*Staff — Indirect action*	—	token entry	token entry
	1.20		*General infrastructure: general services and overheads*	—	token entry	token entry
	1.21		*General administrative expenditure — Indirect action*	—	token entry	token entry
	1.30		*Scientific and technical support*	—	token entry	token entry
	1.40		*HFR reactor — Petten*	—	—	—
	1.50		*Scientific divisions*	—	token entry	token entry
	1.80		*Installations and/or staff placed at the disposal of outside bodies or individuals pursuant to Article 6 (c) of the Euratom Treaty (indirect action)*	—	token entry	token entry
	1.81		*Services performed on behalf of outside bodies and individuals (indirect action)*	—	token entry	token entry
	1.90		*Installations and/or staff placed at the disposal of outside bodies or individuals pursuant to Article 6 (c) of the Euratom Treaty (direct action) — Essor reactor staff and installations*	—	token entry	token entry
	1.91		*Services performed by the JRC on behalf of indirect action*	—	token entry	token entry
	1.92		*Services performed by the JRC on behalf of other Commission departments (excluding indirect action)*	—	token entry	token entry
	1.94		*Other contracts for services on behalf of outside bodies and individuals*	—	token entry	token entry
			TITLE 1 — TOTAL	—	token entry	token entry

COMMISSION

Annex I
(Research and investment)

Recapitulative table of statement of expenditure *(cont'd)*

(in u.a.)

Title	Chapter	Article	Heading	New tranche	Appropriations for commitment	Appropriations for payment
2			JOINT PROGRAMME — DIRECT ACTION — JRC			
	2.10		*Nuclear safety*			
		2.10.1	Reactor safety	22 024 463	22 024 463	20 457 519
		2.10.2	Plutonium fuel and actinide research	11 068 508	11 068 508	10 061 219
		2.10.3	Nuclear materials and radioactive waste management	6 013 976	6 013 976	5 644 584
	2.20		*Future energy sources*			
		2.20.1	Solar energy	4 387 661	4 387 661	3 848 500
		2.20.2	Hydrogen	4 296 528	4 296 528	4 063 024
		2.20.3	High-temperature materials	2 438 307	2 438 307	2 383 099
		2.20.4	Design studies on thermonuclear fusion reactors	3 155 372	3 155 372	2 857 831
	2.30		*Environment and resources*	10 699 712	10 699 712	9 944 062
	2.40		*Measurements, standards and reference techniques (METRE)*	15 486 977	15 486 977	14 380 740
	2.50		*Service and support activities*			
		2.50.1	Data processing	4 538 012	4 538 012	4 177 474
		2.50.2	Training	388 828	388 828	381 375
		2.50.3	Supervision of fissile materials	4 394 300	4 394 300	4 166 799
			TITLE 2 — TOTAL	88 892 644	88 892 644	82 366 226

COMMISSION

Annex I
(Research and investment)

Recapitulative table of statement of expenditure *(cont'd)*

(in u.a.)

Title	Chapter	Article	Heading	New tranche	Appropriations for commitment	Appropriations for payment
3			JOINT PROGRAMME — INDIRECT ACTION			
	3.11		*Training*	4 600 000	1 186 983	257 100
	3.20	3.20.0	Controlled thermonuclear fusion and plasma physics	—	16 417 792	23 327 554
		3.20.1	Controlled thermonuclear fusion and plasma physics (JET project)	—	token entry	token entry
	3.30		*Biology and health protection — Radiation protection*	—	6 012 767	7 529 194
	3.51		*Reference materials and methods (Community Bureau of References)*	—	929 633	976 518
	3.52		*Protection of the environment (pollution)*	—	5 500 900	3 816 917
	3.60		*Plutonium recycling in light-water reactors*	—	1 432 000	1 042 000
	3.61		*Energy economy*	8 990 000	4 520 476	3 022 776
	3.62		*Production and use of hydrogen*	10 900 000	5 414 195	3 659 995
	3.63		*Solar energy*	13 760 000	7 020 476	5 749 158
	3.64		*Geothermal energy*	10 240 000	5 212 478	3 574 278
	3.65		*Systems analysis*	3 110 000	1 623 676	1 408 507
	3.66		*Management and storage of radioactive waste*	—	6 521 500	4 645 500
			TITLE 3 — TOTAL	51 600 000	61 792 876	59 009 497
4			COMPLEMENTARY PROGRAMMES — DIRECT ACTION — JRC			
	4.10		*Operation of HFR reactor*	9 620 620	9 620 620	8 854 345
			TITLE 4 — TOTAL	9 620 620	9 620 620	8 854 345
5			COMPLEMENTARY PROGRAMMES — INDIRECT ACTION	token entry	token entry	token entry
			TITLE 5 — TOTAL	token entry	token entry	token entry

COMMISSION

Annex I
(Research and investment)

Recapitulative table of statement of expenditure *(cont'd)*

(in u.a.)

Title	Chapter	Article	Heading	New tranche	Appropriations for commitment	Appropriations for payment
6			COMPLETION OF PROJECTS AUTHORIZED UNDER PRECEDING PROGRAMMES			
	6.10		*Joint programme — JRC, 1972 to 1976*			
		6.10.1	European Informatics Network (COST 11)	—	—	855 669
	6.11		*Joint programme — JRC, 1973 to 1976*	—	—	
	6.12		*Joint programme — JRC, 1975 and 1976*			
		6.12.1	Standards and reference materials (CBR Petten) and high-temperature materials	—	—	190 801
	6.13		*Complementary programmes — JRC, 1973 to 1976*			
		6.13.1	Plutonium and transplutonium elements (B/DK/D/F/IRL/L/N/UK)	—	—	118 365
	6.14		*Complementary programmes — JRC, 1973 to 1976*			
		6.14.1	Supervision and management of fissile materials (B/DK/D/IRL/I/L/N/UK)	—	—	66 195
	6.15		*Complementary programmes — JRC, 1973 to 1976*			
		6.15.1	HFR reactor (D/N)	—	—	token entry
	6.20		*Joint programme — Indirect action, 1973 to 1976*			
		6.20.1	Education and training	—	—	782 100
		6.20.2	Materials-testing reactors	—	—	8 892
		6.20.3	Controlled thermonuclear fusion and plasma physics	—	—	10 946
		6.20.4	Biology and health physics — Radiation protection	—	—	12 445
		6.20.5	Reference materials and methods (Community Bureau of References)	—	—	110 782
		6.20.6	Environment	—	—	163 932
	6.36		*Complementary programmes — Indirect action, 1971 to 1975*			
		6.36.1	Biology — Adaptation of nuclear techniques to agricultural research (D/I/N)	—	—	token entry
	6.37		*Complementary programmes — Indirect action, 1974 and 1975*			
		6.37.1	Biology — Adaptation of nuclear techniques to agricultural research (DK/IRL)	—	—	token entry
			TITLE 6 — TOTAL	—	—	2 406 438

COMMISSION

Annex I
(Research and investment)

Recapitulative table of statement of expenditure *(cont'd)*

(in u.a.)

Title	Chapter	Article	Heading	New tranche	Appropriations for commitment	Appropriations for payment
7			OTHER ACTIVITIES			
	7.00		*Financial operations under the Euratom/US Agreement*			
		7.00.1	Loans granted under the Euratom/US Agreement	—	—	—
		7.00.2	Repayment of sums borrowed under the Euratom/US Agreement	—	3 400 000	3 400 000
		7.00.3	Financial and bank charges in respect of borrowing and lending under the Euratom/US Agreement	—	—	—
			TITLE 7 — TOTAL	—	3 400 000	3 400 000
8			MISCELLANEOUS ACTIVITIES			
	8.10		*Staff awaiting assignment to a post*	—	17 400	17 400
	8.11		*Implementation of the Council resolution of 22 July 1975 on nuclear plant safety*	—	297 300	297 300
	8.30		*JRC normal operating expenditure*	—	—	3 068 497
	8.32		*Adjustment of establishment and local staff expenditure*	—	900 000	900 000
			TITLE 8 — TOTAL	—	1 214 700	4 283 197
9			PROVISIONAL APPROPRIATIONS			
	9.22		*Provisional appropriations for the project on 'fusion and plasma physics — JET project'*	—	17 527 000	20 551 000
			TITLE 9 — TOTAL	—	17 527 000	20 551 000
			GRAND TOTAL	**150 113 264**	**182 447 840**	**180 870 703**

TITLE 1 — BALANCE OF APPROPRIATION ACCOUNTS

(in u.a.)

Chapter	Article	Heading	Appropriations for commitment	Appropriations for payment	Remarks
					The balances of the appropriation accounts are charged to this title in accordance with the provisions of Article 98 of the Financial Regulation of 25 April 1973 applicable to the budget of the European Communities.
1.10		STAFF — JRC	token entry	token entry	
1.11		STAFF — INDIRECT ACTION	token entry	token entry	
1.20		GENERAL INFRASTRUCTURE: GENERAL SERVICES AND OVERHEADS			
	1.20.1	General administration — JRC	token entry	token entry	
	1.20.2	General services — Administrative — JRC Ispra	token entry	token entry	
	1.20.3	General services — Technical — JRC Ispra	token entry	token entry	
	1.20.5	General services and infrastructure — JRC, CBNM (Geel)	token entry	token entry	
	1.20.6	General services and infrastructure — JRC Karlsruhe	token entry	token entry	
	1.20.7	General services and infrastructure — JRC Petten	token entry	token entry	
		CHAPTER 1.20 — TOTAL	token entry	token entry	
1.21		GENERAL ADMINISTRATIVE EXPENDITURE — INDIRECT ACTION	token entry	token entry	
1.30		SCIENTIFIC AND TECHNICAL SUPPORT			
	1.30.1	Central store — JRC Ispra	token entry	token entry	
	1.30.2	Computer centre — JRC Ispra	token entry	token entry	
	1.30.3	Central workshop — JRC Ispra	token entry	token entry	
	1.30.4	Medium-activity laboratory — JRC Ispra	token entry	token entry	
	1.30.5	Specialized scientific and technical support — JRC, CBNM (Geel)	token entry	token entry	
	1.30.6	Specialized scientific and technical support — JRC Karlsruhe	token entry	token entry	
	1.30.7	Specialized scientific and technical support — JRC Petten	token entry	token entry	
		CHAPTER 1.30 — TOTAL	token entry	token entry	

TITLE 1 — BALANCE OF APPROPRIATION ACCOUNTS *(cont'd)*

(in u.a.)

Chapter	Article	Heading	Appropriations for commitment	Appropriations for payment	Remarks
1.40					
	1.40.1	Ispra-I reactor	token entry	token entry	
	1.40.7	HFR reactor — Petten	token entry	token entry	
		CHAPTER 1.40 — TOTAL	token entry	token entry	
1.50		SCIENTIFIC DIVISIONS			
	1.50.1	Department A — JRC Ispra	token entry	token entry	
	1.50.2	Department B — JRC Ispra	token entry	token entry	
	1.50.3	Department C — JRC Ispra	token entry	token entry	
	1.50.5	JRC, CBNM (Geel)	token entry	token entry	
	1.50.6	JRC Karlsruhe	token entry	token entry	
	1.50.7	JRC Petten	token entry	token entry	
		CHAPTER 1.50 — TOTAL	token entry	token entry	
1.80		INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (INDIRECT ACTION)			
	1.80.0	BR-2 reactor staff	token entry	token entry	
	1.80.1	Staff of former associations concerned with advanced reactors	token entry	token entry	
	1.80.2	Staff of former associations in this biology field	token entry	token entry	
		CHAPTER 1.80 — TOTAL	token entry	token entry	
1.81		SERVICES PERFORMED ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (INDIRECT ACTION)			
	1.81.0	Fusion contract — Sweden	token entry	token entry	
	1.81.1	Fusion contract — Switzerland	token entry	token entry	
		CHAPTER 1.81 — TOTAL	token entry	token entry	

TITLE 1 — BALANCE OF APPROPRIATION ACCOUNTS *(cont'd)*

(in u.a.)

Chapter	Article	Heading	Appropriations for commitment	Appropriations for payment	Remarks
1.90		INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (DIRECT ACTION) — ESSOR REACTOR STAFF AND INSTALLATIONS	token entry	token entry	
1.91		SERVICES PERFORMED BY THE JRC ON BEHALF OF INDIRECT ACTION			
	1.91.0	Biology and health protection — Radiation protection (Chapter 3.30)	token entry	token entry	
	1.91.1	Reference materials and methods (Community Bureau of References) (Chapter 3.51)	token entry	token entry	
		CHAPTER 1.91 — TOTAL	token entry	token entry	
1.92		SERVICES PERFORMED BY THE JRC ON BEHALF OF OTHER COMMISSION DEPARTMENTS (EXCLUDING INDIRECT ACTION)			
	1.92.0	Technical assessments in support of certain Commission activities	token entry	token entry	
	1.92.1	Safeguards	token entry	token entry	
		CHAPTER 1.92 — TOTAL	token entry	token entry	
1.94		OTHER CONTRACTS FOR SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS	token entry	token entry	
		CHAPTER 1.94 — TOTAL	token entry	token entry	
		Title 1 — Total	**token entry**	**token entry**	

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC

Objective: Reactor safety
(Item 3300 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.10	2.10.1		PRIMARY CHARGES			
		13	Missions and duty travel	80 000	80 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	30 000	25 000	
		27	Publication and information	5 000	3 500	
		30	Technical operating expenditure	1 827 668	1 238 508	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — one creep machine for mechanical tests 80 000 — one machine for tensile tests 40 000 — equipment for high-speed tests 85 000 — heat exchanger and inlet for tests for loss of coolant 90 000 — one HF generator 70 000 — high-frequency measuring equipment 80 000 — one data-acquisition system 130 000 — heating element for sodium loop 100 000
		50	Contracts	624 568	478 092	This appropriation covers such research contracts as: — design study of the Cofas loop 120 000 — development of the validation of a code for dynamic loading and response of structures 50 000 — execution of two-phase fluid-flow tests 175 000 — probability analysis of accident in light-water reactor cores 80 000 — study of crack detection by ultrasonic emission 50 000

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Reactor safety
(Item 3300 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.10	2.10.1		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	7 342 050	6 844 498	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	1 613 808	1 478 086	This appropriation covers the use of the Computer Centre — 1.30.2 (about 793 machine hours), the workshop — 1.30.3 (about 25 600 machine hours) and about 45 % of the capacity of the medium-activity laboratory.
		95	Use of scientific divisions	8 592 369	8 400 835	This appropriation covers the expenditure on 229 men/year assigned to research.
			Sub-total	20 115 463	18 548 519	
		91	Staff (reserve)	1 909 000	1 909 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	22 024 463	20 457 519	

Timetable

Total programme allocation: 81 833 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 22 024 463
Total tranches opened: 22 024 463

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	22 024 463	22 544 000	18 923 000	18 977 000	Foreseeable payments	20 457 519	22 544 000	18 923 000	18 977 000	1 566 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Plutonium fuels and actinides research
(Item 3301 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.10	2.10.2		PRIMARY CHARGES			
		13	Missions and duty travel	15 000	15 000	
		30	Technical operating expenditure	936 960	655 900	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — monochromator for XPS-UPS 25 000 — Fourier spectrometer 35 000 — plasma torch 20 000 — secondary ion mass spectrometer 35 000 — carbon monoxide analyser 15 000 — sintering furnace 25 000 — overhaul of the welding machine 25 000 — extension of the Lasac laser system 50 000 — laser for measuring emissivity 70 000 — extension of the data acquisition system 50 000 — modification of hot cells 30 000 — metrology bench 30 000 — Edax system (non-dispersive analytical system for a scanning microscope) 30 000 — autoclave 50 000 — Perthometer 20 000 — fissile materials 130 000
		50	Contracts	380 000	266 000	This appropriation is intended to cover the financing of the irradiation programmes Treson 4 and 5 (100 000 u.a.), DN (200 000 u.a.), Gocar 2 and 3 (100 000 u.a.).

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Plutonium fuels and actinides research
(Item 3301 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.10	2.10.2		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	3 052 651	2 839 821	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	2 253 055	1 896 132	This appropriation covers the use of scientific and technical support — 1.30.6 (about 57 men).
		95	Use of scientific divisions	3 561 842	3 519 366	This appropriation covers the expenditure on 121 men/year assigned to research.
			Sub-total	10 199 508	9 192 219	
		91	Staff (reserve)	869 000	869 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	11 068 508	10 061 219	

Timetable

Total programme allocation: 46 495 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 11 068 508
Total tranches opened: 11 068 508

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	11 068 508	10 062 000	10 197 000	10 315 000	Foreseeable payments	10 061 219	10 062 000	10 197 000	10 315 000	1 009 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Management of nuclear materials and radioactive waste
(Item 3302 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.10	2.10.3		PRIMARY CHARGES			
		13	Missions and duty travel	46 000	46 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		30	Technical operating expenditure	379 180	265 400	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — instrumentation for performing differential thermal analyses in hot cells on solid waste 40 000 — alpha + gamma spectrometer 50 000 — apparatus for the measurement of the cross-sections of actinides 30 000
		50	Contracts	95 760	67 000	This appropriation covers such research contracts as: — development of a mathematical model relating to methods of separating actinides 30 000 — updating of the libraries on the formation and burn-up of actinides 30 000 — studies of statistical problems and various software studies 30 000

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Management of nuclear materials and radioactive waste
(Item 3302 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.10	2.10.3		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	1 994 322	1 880 311	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	500 876	446 009	This appropriation covers the use of the Computer Centre — 1.30.2 (about 60 machine hours), the workshop — 1.30.3 (about 5 500 machine hours) and about 40 % of the capacity of the medium-activity laboratory.
		95	Use of scientific divisions	2 453 838	2 395 864	This appropriation covers the expenditure on the 64 men/year assigned to research.
			Sub-total	5 469 976	5 100 584	
		91	Staff (reserve)	544 000	544 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	6 013 976	5 644 584	

Timetable

Total programme allocation: 22 365 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)

Tranches previously opened: —
New tranche: 6 013 976

Total tranches opened: 6 013 976

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	6 013 976	5 482 000	5 466 000	5 511 000	Foreseeable payments	5 644 584	5 482 000	5 466 000	5 511 000	369 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Solar energy
(Item 3303 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.20	2.20.1		PRIMARY CHARGES			
		13	Missions and duty travel	40 000	40 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	18 000	18 000	
		30	Technical operating expenditure	825 120	577 600	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — one standard pilot plant for the characterization of solar collectors 60 000 — one reference loop for the establishment of the standard of heat transference 35 000 — one reference loop for the establishment of the standard of energy storage 40 000 — intense broad-beam light sources 240 000 — climatic chambers 100 000 — data-acquisition systems 60 000
		50	Contracts	244 720	171 300	

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Solar energy
(Item 3303 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.20	2.20.1		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	1 488 159	1 304 869	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	102 058	97 254	This appropriation covers the use of the Computer Centre — 1.30.2 (about 24 machine hours) and the workshop — 1.30.3 (about 4 600 machine hours).
		95	Use of scientific divisions	1 351 604	1 321 477	This appropriation covers the expenditure on 35 men/year assigned to research.
			Sub-total	4 069 661	3 530 500	
		91	Staff (reserve)	318 000	318 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	4 387 661	3 848 500	

Timetable

Total programme allocation: 14 935 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 4 387 661
Total tranches opened: 4 387 661

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	4 387 661	4 141 000	3 580 000	3 202 000	Foreseeable payments	3 848 500	4 141 000	3 580 000	3 202 000	539 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Hydrogen
(Item 3304 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.20	2.20.2		PRIMARY CHARGES			
		13	Missions and duty travel	45 000	45 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	30 000	30 000	
		30	Technical operating expenditure	84 600	59 200	This appropriation covers recurring technical operating expenditure.
		50	Contracts	297 920	208 500	This appropriation covers such research contracts as: — study of hydrogen production for hybrid reactions 50 000 — study and designing of a large-scale plant for the decomposition of sulphuric acid 88 000 — a technical and economic study of various processes 58 000 — a consultant for chemical and electrochemical engineering problems 28 000

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Hydrogen
(Item 3304 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.20	2.20.2		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	1 427 042	1 356 067	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	107 145	102 739	This appropriation covers the use of the Computer Centre — 1.30.2 (about 19 machine hours) and the workshop — 1.30.3 (about 4 600 machine hours).
		95	Use of scientific divisions	1 910 821	1 867 518	This appropriation covers the expenditure on 50 men/year assigned to research.
			Sub-total	3 902 528	3 669 024	
		91	Staff (reserve)	394 000	394 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	4 296 528	4 063 024	

Timetable

Total programme allocation: 16 044 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 4 296 528
Total tranches opened: 4 296 528

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	4 296 528	4 085 000	4 056 000	3 934 000	Foreseeable payments	4 063 024	4 085 000	4 056 000	3 934 000	234 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: High-temperature materials
(Item 3305 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.20	2.20.3		PRIMARY CHARGES			
		11	Staff	8 000	8 000	
		13	Missions and duty travel	16 000	16 000	
		22	Movable property and incidental expenditure	1 800	1 600	
		26	Studies, surveys, consultancy	26 000	23 400	
		30	Technical operating expenditure	401 400	361 300	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — induction furnace 35 000 — heat treatment furnaces and controllers 25 000 — scanning electron microscope with microsonic analyser 55 000 — machines for testing fatigue behaviour at high temperatures 20 000 — machines for testing creep behaviour at high temperatures 70 000 — thermobalance 35 000

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: High-temperature materials
(Item 3305 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.20	2.20.3		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	526 280	516 237	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	120 803	119 558	This appropriation covers the use of scientific and technical support — 1.30.7 (about five men).
		95	Use of scientific divisions	1 111 024	1 110 004	This appropriation covers the expenditure on 36 men/year assigned to research.
			Sub-total	2 211 307	2 156 099	
		91	Staff (reserve)	227 000	227 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be taken by the Council during the financial year 1977.
			TOTAL	2 438 307	2 383 099	

Timetable

Total programme allocation: 10 307 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)

Tranches previously opened: —
New tranche: 2 438 307

Total tranches opened: 2 438 307

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	2 438 307	2 081 000	2 115 000	2 140 000	Foreseeable payments	2 383 099	2 081 000	2 115 000	2 140 000	55 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Design studies on thermonuclear fusion
(Item 3306 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.20	2.20.4		PRIMARY CHARGES			
		13	Missions and duty travel	69 160	69 160	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		30	Technical operating expenditure	106 400	103 300	This appropriation covers recurring technical operating expenditure, in particular on materials, equipment and equipment maintenance.
		50	Contracts	377 720	217 240	This appropriation covers such research contracts as: — study of the fragility of the leakproof shield of a fusion reactor in a vacuum 15 000 — study of a machine to test breakdown by ionic bombardment 25 000 — study of fibre-reinforced copper 40 000 — study of an accelerator to test materials under radiation 30 000 — evaluation of the electromagnetic field (poloidal and toroidal) in a demonstration reactor 35 000

Objective: Design studies on thermonuclear fusion
(Item 3306 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.20	2.20.4		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	1 060 949	962 373	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	113 544	104 223	This appropriation covers the use of the Computer Centre — 1.30.2 (about 110 machine hours) and the workshop — 1.30.3 (about 900 machine hours).
		95	Use of scientific divisions	1 173 599	1 147 535	This appropriation covers the expenditure on 30 men/year assigned to research.
			Sub-total	2 901 372	2 603 831	
		91	Staff (reserve)	254 000	254 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	3 155 372	2 857 831	

Timetable

Total programme allocation: 12 750 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)

Tranches previously opened: —
New tranche: 3 155 372

Total tranches opened: 3 155 372

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	3 155 372	4 296 000	2 607 000	2 633 000	Foreseeable payments	2 857 831	4 296 000	2 607 000	2 633 000	297 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Environment and resources
(Item 3307 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.30	2.30.0		PRIMARY CHARGES			
		13	Missions and duty travel	60 000	60 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	20 000	20 000	
		30	Technical operating expenditure	994 640	699 340	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — Lidar accessories 55 000 — one mass spectrometer coupled to a liquid phase chromatograph 140 000 — aerosol counters 60 000 — development of equipment for the processing of data transmitted by satellite: study of specific software, extension of the central unit of an image synthesizer, extension of the memory storage system 90 000 — laboratory equipment for the interpretation of photographic documents 65 000 — mobile laboratory equipment for eutrophication 55 000
		50	Contracts	255 360	175 568	This appropriation covers such research contracts as: — study of an urban atmospheric model 90 000 — studies of quantitative exchanges occurring between sedimentation phenomena 70 000

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Environment and resources
(Item 3307 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.30	2.30.0		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	3 578 355	3 337 503	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	683 903	640 539	This appropriation covers the use of the Computer Centre — 1.30.2 (about 450 machine hours) and the workshop — 1.30.3 (about 12 000 machine hours).
		95	Use of scientific divisions	4 193 454	4 097 120	This appropriation covers the expenditure on 109 men/year assigned to research.
			Sub-total	9 785 712	9 030 062	
		91	Staff (reserve)	914 000	914 000	Provisional credits for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	10 699 712	9 944 062	

Timetable

Total programme allocation: 37 441 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: 10 699 712
New tranche: —
Total tranches opened: 10 699 712

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	10 699 712	9 335 000	8 761 000	8 765 000	Foreseeable payments	9 944 062	9 335 000	8 761 000	8 765 000	755 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Measurements, standards and reference techniques (METRE)
(Item 3308 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.40	2.40.0		PRIMARY CHARGES			
		11	Staff	8 100	8 100	
		13	Missions and duty travel	30 000	30 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	10 000	10 000	This appropriation is intended to cover the travel, subsistence and incidental expenses of experts.
		27	Publication and information	3 000	2 100	
		30	Technical operating expenditure	1 367 800	983 220	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — one atomic absorption spectrograph 40 000 — one Charpy tester with instrumentation 22 000 — one direct-reading plasma spectrometer 50 000 — modernization of the scientific data-processing system 180 000 — one X-ray fluorescence spectrometer 50 000 — one computer for use with a gas chromatograph and a mass spectrometer operating in combination 45 000 — one nuclear resonance spectrometer 26 000
		50	Contracts	147 890	101 880	

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Measurements, standards and reference techniques (METRE)
(Item 3308 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.40	2.40.0		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	4 590 499	4 295 332	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	2 057 427	1 743 849	This appropriation covers the use of the Computer Centre — 1.30.2 (about 70 machine hours), scientific and technical support at Geel (about 37 men) and the workshop — 1.30.3 (about 9 150 machine hours).
		95	Use of scientific divisions	5 915 261	5 849 259	This appropriation covers the expenditure on 177 men/year assigned to research.
			Sub-total	14 129 987	13 023 740	
		91	Staff (reserve)	1 357 000	1 357 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	15 486 987	14 380 740	

Timetable

Total programme allocation: 61 597 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: 15 486 987
New tranche: —
Total tranches opened: 15 486 987

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	15 486 987	12 967 000	14 104 000	14 247 000	Foreseeable payments	14 380 740	12 967 000	14 104 000	14 247 000	1 105 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Data processing
(Item 3309 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.50	2.50.1		PRIMARY CHARGES			
		13	Missions and duty travel	40 000	40 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	20 000	20 000	
		27	Publication and information	10 000	7 000	This appropriation covers the publication of 'Eurocopi' 25 000
		30	Technical operating expenditure	424 760	297 300	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — acquisition of a miniature computer for the European informatics network and cost of hiring terminals 220 000 — use of telephone lines and local processing of data 100 000
		50	Contracts	175 560	122 900	This appropriation covers such research contracts as: — Eurocopi: — standardization of programme documentation 25 000 — study of existing methods of automatic programme testing, and development of new methods 35 000 — Esis: — use (on hire) of a reactor thermal column 16 500 — assessment of cross-section data 15 000 — COST 11: — development of the terminal interface 70 000

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Data processing
(Item 3309 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.50	2.50.1		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	1 531 802	1 415 000	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	527 280	495 749	This appropriation covers the use of the Computer Centre — 1.30.2 (about 378 machine hours) and the workshop — 1.30.3 (about 2 300 machine hours).
		95	Use of scientific divisions	1 459 610	1 430 525	This appropriation covers the expenditure on 37 men/year assigned to research.
			Sub-total	4 189 012	3 828 474	
		91	Staff (reserve)	349 000	349 000	Provisional appropriations provided for the purpose of offsetting, as each case arises, any adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	4 538 012	4 177 474	

Timetable

Total programme allocation: 15 706 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 4 538 012
Total tranches opened: 4 538 012

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	4 538 012	4 416 000	3 878 000	3 930 000	Foreseeable payments	4 177 474	4 416 000	3 878 000	3 930 000	361 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Training
(Item 3310 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.50	2.50.2		PRIMARY CHARGES			
		11	Staff	11 000	11 000	This appropriation is intended to cover the expenditure involved in translation and typing to be contracted out.
		13	Missions and duty travel	5 000	5 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		25	Formal and other meetings	10 920	10 920	This appropriation is intended to cover the expenditure involved in the fitting-out of lecture rooms.
		27	Publication and information	5 000	3 500	This appropriation is intended to cover the fees and expenses of outside instructors.

Objective: Training
(Item 3310 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.50	2.50.2		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	128 653	127 281	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	2 666	2 427	This appropriation covers the use made of the Computer Centre — 1.30.2 (about three machine hours).
		95	Use of scientific divisions	188 589	184 247	This appropriation covers the expenditure on five men/year assigned to research.
			Sub-total	351 828	344 375	
		91	Staff (reserve)	37 000	37 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	388 828	381 375	

Timetable

Total programme allocation: 1 196 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 388 828
Total tranches opened: 388 828

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	388 828	409 000	429 000	433 000	Foreseeable payments	381 375	409 000	429 000	433 000	8 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Supervision of missile materials
(Item 3311 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
2.50	2.50.3		PRIMARY CHARGES			
		13	Missions and duty travel	20 000	20 000	This appropriation is intended to cover expenditure on missions specific to the attainment of this objective.
		30	Technical operating expenditure	256 220	179 300	This appropriation covers recurring technical operating expenditure and includes a number of specific investments such as: — instrumentation for the characterization of ultrasonic sensors 48 000 — instrumentation for the destructive assessment of fissile materials 35 000 — instrumentation for the non-destructive characterization of fissile materials 80 000 — reference standards 50 000
		50	Contracts	42 560	29 800	

TITLE 2 — JOINT PROGRAMME — DIRECT ACTION — JRC *(cont'd)*

Objective: Supervision of fissile materials
(Item 3311 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
2.50	2.50.3		*(cont'd)*			
			SECONDARY CHARGES			
		92	Use of infrastructure	1 445 813	1 379 078	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	266 645	241 761	This appropriation covers the use of the Computer Centre — 1.30.2 (about 53 machine hours), the workshop — 1.30.3 (about 5 500 machine hours) and about 10 % of the capacity of the medium-activity laboratory.
		95	Use of scientific divisions	1 952 062	1 905 860	This appropriation covers the expenditure on 52 men/year assigned to research.
			Sub-total	3 983 300	3 755 799	
		91	Staff (reserve)	411 000	411 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	4 394 300	4 166 799	

Timetable

Total programme allocation: 16 803 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 4 394 300
Total tranches opened : 4 394 300

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	4 394 300	4 439 000	4 089 000	4 148 000	Foreseeable payments	4 166 799	4 439 000	4 089 000	4 148 000	228 000

(1) Including the staff expenditure reserve (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION

Objective: Training
(Item 3330 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.11	3.11.0					This chapter covers the appropriations intended to finance the following measures: 1. Awards of grants to enable scientific work to be pursued at all levels of training (dissertation at the end of graduate studies, doctor's thesis, 'post-doctoral' research work). These grants are awarded to enable the scientific work to be performed elsewhere than in the candidate's country of origin or the country in which he usually engages in his activity and are intended for students, graduates of universities and similar institutions of learning, holders of doctorate degrees in various scientific disciplines and engineers — including scientists and engineers working in industry — who as a general rule come from Community member countries. 2. Financing of advanced further training courses arranged in the fields which Community research and development policy treats as being particularly important. These appropriations cover all expenditure incurred in performance of the project, i.e.: — administration (Categories 13 and 25), — specific expenditure resulting from the implementation of the measures referred to above (Category 60), — staff assigned to the project (Categories 91/0 and 91/1), the relevant expenditure having been estimated as follows:
			PRIMARY CHARGES			
		13	Missions and duty travel	12 000	12 000	
		25	Formal and other meetings	8 000	8 000	
		60	Miscellaneous expenditure	979 883	50 000	
			SECONDARY CHARGES			
		91	Use of staff	169 600	169 600	
		92	Use of infrastructure	1 700	1 700	
			Sub-total	1 171 183	241 300	
		91/1	Reserve (use of staff)	15 800	15 800	
			TOTAL	1 186 983	257 100	

	Category 91/0		*Category 91/1*
— 2 category A staff at	42 800	+	4 000
— 2 category B staff at	26 100	+	2 400
— 2 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 4 600 000 (Decision of 21 December 1976, published in OJ No L 10 of 13. 1. 1977)

Tranches previously opened: —
New tranche: 4 600 000
Total tranches opened: 4 600 000

	1977	1978	1979	1980		1977	1978	1979	1980	1981
Foreseeable commitments	1 186 983	1 287 955	1 241 025	884 037	Foreseeable payments	257 100	1 490 955	1 323 025	1 363 000	165 920

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Fusion and plasma physics (excluding JET — see Article 3.20.1 and Chapter 9.22)
(Item 3331 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.20	3.20.0		PRIMARY CHARGES			The appropriations entered against Articles 3.20.0 and 3.20.1 cover the Commission's participation in the Community fusion and plasma physics programme. The aim of this programme is the ascertainment of ways and means of generating competitively priced power from fusion reactors and the joint construction of prototypes of such reactors with the object of their application in industry and being put on the market.
		11	Staff	13 000	13 000	
		13	Missions and duty travel	35 700	35 700	The appropriations cover all the expenditure involved in the execution of this project, i.e.:
		22	Movable property and incidental expenditure	3 500	3 500	
		23	Recurring administrative expenditure	800	800	— administrative operating expenditure (Categories 11, 13, 23, 24 and 25),
		24	Entertainment and representation expenditure	2 000	2 000	— expenditure covering the Commission's financial obligations arising out of several contracts of association (Category 50),
		25	Formal and other meetings	55 000	55 000	— expenditure on staff assigned to the project (Categories 91/0 and 91/1), estimated as follows:
		50	Contracts	11 706 792	18 616 554	
			SECONDARY CHARGES			*Category 91/0* *Category 91/1*
		91/0	Use of staff	4 171 200	4 171 200	— 75 category A staff at 42 800 + 4 000
		92	Use of infrastructure	41 300	41 300	— 35 category B staff at 26 100 + 2 400
			Sub-total	16 029 292	22 939 054	— 3 category C staff at 15 900 + 1 500
		91/1	Reserve (use of staff)	388 500	388 500	
			TOTAL	16 417 792	23 327 554	

Timetable

Total programme allocation: 124 000 000 (Decision of 25 March 1976, published in OJ No L 90 of 3. 4. 1976)
Tranches previously opened: 124 000 000 (1976)
New tranche: —
Total tranches opened: 124 000 000

	1976	1977	1978	1979	1980
Foreseeable commitments	93 332 768	16 417 792	5 024 640	4 621 100	4 603 700

	1976	1977	1978	1979	1980	1981
Foreseeable payments (new programme)	19 100 143	23 327 554	25 714 831	26 497 397	27 303 326	2 056 749

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Fusion and plasma physics (JET project)
(Item 3332 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
3.20	3.20.1		PRIMARY CHARGES	token entry	token entry	This chapter is intended to carry appropriations relating to the JET project, currently under consideration, once the Council has decided to execute it. In the meantime, the appropriations are entered in Chapter 9.22 'Provisional appropriations for the programme on fusion and plasma physics — JET project' (Item 3394 of the general budget).
			TOTAL	token entry	token entry	

Timetable

Foreseeable commitments	1976	1977	1978	1979	1980	Foreseeable payments	1976	1977	1978	1979	1980
	token entry	token entry	token entry	token entry	token entry		token entry	token entry	token entry	token entry	token entry

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Biology and health protection — Radiation protection
(Item 3333 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.30	3.30.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended for the financing of studies concerning the assessment of the risks inherent in ionizing radiations. They cover all expenditure involved in the execution of the project, i.e.: — expenditure relating to administrative and technical operations (Categories 11, 13, 23, 24, 25 and 30), — expenditure covering the Commission's financial obligations arising out of several contracts of association (Category 50), — expenditure on staff assigned to the project (Categories 91/0 and 91/1), estimated as follows:
		11	Staff	4 600	4 600	
		13	Missions and duty travel	42 000	42 000	
		23	Recurring administrative expenditure	1 000	1 000	
		24	Entertainment and representation expenditure	3 900	3 900	
		25	Formal and other meetings	55 000	55 000	
		30	Technical operating expenditure	130 000	130 000	
		50	Contracts	2 926 767	4 443 194	
			SECONDARY CHARGES			
		91/0	Use of staff	2 360 400	2 360 400	
		92	Use of infrastructure	23 600	23 600	
		99	Use of JRC services for indirect action	255 000	255 000	
			Sub-total	5 802 267	7 318 694	
		91/1	Reserve (use of staff)	210 500	210 500	
			TOTAL	6 012 767	7 529 194	

	Category 91/0		*Category 91/1*
— 43 category A staff at	42 800	+	4 000
— 13 category B staff at	26 100	+	2 400
— 4 category C staff at (Salary scale under Article 66 of the statute)	15 900	+	1 500
— 8 category C staff at (Salary scale under Article 20 of the conditions of employment of other servants).	14 300	+	1 500

This amount covers the use of the infrastructure of the Ispra establishment of the JRC by the Working Party on Biology located there.

Timetable

Total programme allocation: 39 000 000 (Decision of 15 March 1976, published in OJ No L 74 of 20. 3. 1976)
Tranches previously opened: 39 000 000
New tranche: —
Total tranches opened: 39 000 000

	1976	1977	1978	1979	1980
Foreseeable commitments	19 701 627	6 012 767	4 606 037	4 047 296	4 632 273

	1976	1977	1978	1979	1980	1981
Foreseeable payments (new programme)	5 162 945	7 529 194	7 849 858	8 347 296	8 931 973	1 178 734

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Reference materials and methods (Community Bureau of References)
(Item 3334 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.51	3.51.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended to finance research on reference materials and methods with a view to removing quantitative restrictions on the import and export of goods between Member States and approximating the laws of the Member States. They cover all expenditure involved in the implementation of the project, i.e.: — administrative and technical operating expenditure (Categories 11, 12, 22, 23, 24, 25, 26, 27 and 30), — expenditure in respect of the Commission's financial obligations arising out of research contracts, study contracts, etc., — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
		11	Staff	12 500	12 500	
		13	Missions and duty travel	40 000	40 000	
		22	Movable property and incidental expenditure	3 000	3 000	
		23	Recurring administrative expenditure	5 500	5 500	
		24	Entertainment and representation expenditure	2 500	2 500	
		25	Formal and other meetings	70 000	70 000	
		26	Studies, surveys, consultancy	15 000	15 000	
		27	Publication and information	2 000	2 000	
		30	Technical operating expenditure	20 000	20 000	
		50	Contracts	506 333	553 218	
			SECONDARY CHARGES			
		91/0	Use of staff	229 100	229 100	
		92	Use of infrastructure	2 300	2 300	
			Sub-total	908 233	955 118	
		91/1	Reserve (use of staff)	21 400	21 400	
			TOTAL	929 633	976 518	

	Category 91/0		*Category 91/1*
— 4 category A staff at	42 800	+	4 000
— 1 category B staff at	26 100	+	2 400
— 2 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 2 700 000 (Decision of 15 March 1976, published in OJ No L 74 of 20. 3. 1976)
Tranches previously opened: 2 700 000
New tranche: —
Total tranches opened: 2 700 000

	1976	1977	1978		1976	1977	1978	1979
Foreseeable commitments	815 814	929 633	954 553	Foreseeable payments (new programme)	434 113	976 518	1 057 527	231 842

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Environment
(Item 3335 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.52	3.52.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended to finance research on: — laying down criteria for potentially toxic pollutants and chemical products, — management of information on the environment, — reduction and prevention of pollution and nuisances, — protection and improvement of the natural environment. They cover all expenditure involved in the implementation of the project, i.e.: — administrative and technical operating expenditure (Categories 11, 13, 22, 23, 24, 25, 27 and 30), — expenditure in respect of the Commission's financial obligations arising mainly out of shared-cost contracts already concluded or to be concluded (Category 50), — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
		11	Staff	16 000	16 000	
		13	Missions and duty travel	28 000	28 000	
		22	Movable property and incidental expenditure	4 500	4 500	
		23	Recurring administrative expenditure	1 500	1 500	
		24	Entertainment and representation expenditure	4 500	4 500	
		25	Formal and other meetings	75 000	75 000	
		27	Publication and information	5 000	5 000	
		30	Technical operating expenditure	5 500	5 500	
		50	Contracts	4 996 100	3 312 117	
			SECONDARY CHARGES			
		91/0	Use of staff	330 600	330 600	
		92	Use of infrastructure	3 300	3 300	
			Sub-total	5 470 000	3 786 017	
		91/1	Reserve (use of staff)	30 900	30 900	
			TOTAL	5 500 900	3 816 917	

	Category 91/0		*Category 91/1*
— 6 category A staff at	42 800	+	4 000
— 1 category B staff at	26 100	+	2 400
— 3 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 16 000 000 (Decision of 15 March 1976, published in OJ No L 74 of 20. 3. 1976)
Tranches previously opened: 16 000 000
New tranche: —
Total tranches opened: 16 000 000

	1976	1977	1978	1979	1980		1976	1977	1978	1979	1980	1981
Foreseeable commitments	6 927 990	5 500 900	2 196 360	643 020	731 730	Foreseeable payments (new programme)	2 514 097	3 816 917	3 736 277	3 343 020	2 032 930	556 759

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Plutonium recycling in light-water reactors
(Item 3336 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
3.60	3.60.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended to finance measures concerning the pooling of experience acquired in the subject, in order that the electricity producers may, with full knowledge of the facts, state their position with regard to the use of plutonium fuels. They cover all expenditure involved in the implementation of the project, i.e.: — administrative operating expenditure (Categories 13, 24 and 25), — expenditure in respect of the Commission's financial obligations arising out of study contracts already concluded or to be concluded (Category 50), — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
		13	Missions and duty travel	1 500	1 500	
		24	Entertainment and representation expenditure	3 500	3 500	
		25	Formal and other meetings	23 000	23 000	
		50	Contracts	1 280 800	890 800	
			SECONDARY CHARGES			
		91/0	Use of staff	111 700	111 700	
		92	Use of infrastructure	1 100	1 100	
			Sub-total	1 421 600	1 031 600	
		91/1	Reserve (use of staff)	10 400	10 400	
			TOTAL	1 432 000	1 042 000	

	Category 91/0		*Category 91/1*
— 2 category A staff at	42 800	+	4 000
— 1 category B staff at	26 100	+	2 400

Timetable

Total programme allocation: 4 500 000 (Decision of 17 December 1974, published in OJ No L 349 of 28. 12. 1974)
Tranches previously opened: 4 500 000
New tranche: —
Total tranches opened: 4 500 000

	1975	1976	1977	1978		1975	1976	1977	1978	1979
Foreseeable commitments	539 545 (1)	1 834 569 (2)	1 432 600	693 886	Foreseeable payments	499 508 (3)	1 014 606	1 042 000	982 000	961 886

(1) Commitments contracted.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Energy economy
(Item 3340 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.61	3.61.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended to finance research in: — improvement of insulation in buildings, — use of heat pumps, — recovery of residual heat, — etc. They cover all expenditure involved in the implementation of the action, i.e.: — administrative operating expenditure (Categories 11, 13, 24 and 25), — expenditure in respect of the Commission's financial obligations arising out of research contracts already concluded or to be concluded (Category 50), — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
		11	Staff	20 476	20 476	
		13	Missions and duty travel	25 000	25 000	
		24	Entertainment and representation expenditure	1 000	1 000	
		25	Formal and other meetings	30 000	30 000	
		50	Contracts	4 238 500	2 740 800	
			SECONDARY CHARGES			
		91/0	Use of staff	186 300	186 300	
		92	Use of infrastructure	1 800	1 800	
			Sub-total	4 503 076	3 005 376	
		91/1	Reserve (use of staff)	17 400	17 400	
			TOTAL	4 520 476	3 022 776	

	Category 91/0		*Category 91/1*
— 3 category A staff at	42 800	+	4 000
— 1 category B staff at	26 100	+	2 400
— 2 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 11 380 000 (Decision of 22 August 1975, published in OJ No L 231 of 2. 9. 1975)
Tranches previously opened: 2 390 000
New tranche: 8 990 000
Total tranches opened: 11 380 000

	1. 7. 1975	1976	1977	1978	30. 6. 1979
Foreseeable commitments	9 586 (1)	2 373 267 (2)	4 520 476	4 000 933	475 738

	1. 7. 1975	1976	1977	1978	1979	1980
Foreseeable payments	98 586 (3)	2 131 553	3 022 776	4 000 933	1 641 086	485 066

(1) Commitments contracted.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Production and use of hydrogen
(Item 3341 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.62	3.62.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended to finance research on the thermochemical and electrolytic production of hydrogen and its use. They cover all expenditure connected with the implementation of the action, i.e.: — administrative operating expenditure (Categories 11, 13, 24 and 25), — expenditure in respect of the Commission's financial obligations arising out of contracts already concluded or to be concluded (Category 50), — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
		11	Staff	19 595	19 595	
		13	Missions and duty travel	20 000	20 000	
		24	Entertainment and representation expenditure	1 000	1 000	
		25	Formal and other meetings	30 000	30 000	
		50	Contracts	5 202 800	3 448 600	
			SECONDARY CHARGES			
		91/0	Use of staff	127 600	127 600	
		92	Use of infrastructure	1 300	1 300	
			Sub-total	5 402 295	3 648 095	
		91/1	Reserve (use of staff)	11 900	11 900	
			TOTAL	5 414 195	3 659 995	

	Category 91/0		*Category 91/1*
— 2 category A staff at	42 800	+	4 000
— 1 category B staff at	26 100	+	2 400
— 1 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 13 240 000 (Decision of 22 August 1975, published in OJ No L 231 of 2. 9. 1975)
Tranches previously opened: 2 340 000
New tranche: 10 900 000
Total tranches opened: 13 240 000

	1. 7. 1975	1976	1977	1978	30. 6. 1979
Foreseeable commitments	2 000 (1)	2 327 203 (2)	5 414 195	4 814 099	681 503

	1. 7. 1975	1976	1977	1978	1979	1980
Foreseeable payments	110 000 (3)	2 073 323	3 659 995	5 014 099	1 773 056	609 527

(1) Commitments under contract.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Solar energy
(Item 3342 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.63	3.63.0					The appropriations entered under this chapter are intended to finance research on solar collectors and their application in the human environment, the use of solar heat for the production of mechanical and/or electric power, photovoltaic conversion, etc.
			PRIMARY CHARGES			
		11	Staff	16 476	16 476	They cover all expenditure involved in the implementation of the project, i.e.:
		13	Missions and duty travel	25 000	25 000	— administrative operating expenditure (Categories 11, 13, 24 and 25),
		24	Entertainment and representation expenditure	1 000	1 000	— expenditure in respect of the Commission's financial obligations arising out of research contracts already concluded or to be concluded (Category 50),
		25	Formal and other meetings	30 000	30 000	— expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
		50	Contracts	6 742 500	5 471 182	
			SECONDARY CHARGES			
		91/0	Use of staff	186 300	186 300	
		92	Use of infrastructure	1 800	1 800	
			Sub-total	7 003 076	5 731 758	
		91/1	Reserve (use of staff)	17 400	17 400	
			TOTAL	7 020 476	5 749 158	

	Category 91/0		*Category 91/1*
— 3 category A staff at	42 800	+	4 000
— 1 category B staff at	26 100	+	2 400
— 2 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 17 500 000 (Decision of 22 August 1975, published in OJ No L 231 of 2. 9. 1975)

Tranches previously opened: 3 740 000
New tranche: 13 760 000

Total tranches opened: 17 500 000

	1. 7. 1975	1976	1977	1978	30. 6. 1979
Foreseeable commitments	16 662 (1)	3 708 891 (2)	7 020 476	6 020 106	733 865

	1. 7. 1975	1976	1977	1978	1979	1980
Foreseeable payments	148 662 (3)	2 347 871	5 749 158	6 220 106	2 364 187	670 016

(1) Commitments contracted.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Geothermal energy
(Item 3343 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
3.64	3.64.0					The appropriations entered under this chapter are intended to finance research on: — acquisition and collection of existing and new geothermal data, — improvement of prospecting methods, — etc. They cover all expenditure involved in the implementation of the project, i.e.: — administrative operating expenditure (Categories 11, 13, 24 and 25), — expenditure in respect of the Commission's financial obligations arising out of research contracts already concluded or to be concluded (Category 50), — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
			PRIMARY CHARGES			
		11	Staff	18 078	18 078	
		13	Missions and duty travel	20 000	20 000	
		24	Entertainment and representation expenditure	1 000	1 000	
		25	Formal and other meetings	30 000	30 000	
		50	Contracts	5 021 100	3 382 900	
			SECONDARY CHARGES			
		91/0	Use of staff	110 900	110 900	
		92	Use of infrastructure	1 100	1 100	
			Sub-total	5 202 178	3 563 978	
		91/1	Reserve (use of staff)	10 300	10 300	
			TOTAL	5 212 478	3 574 278	

	Category 91/0		*Category 91/1*
— 1 category A staff at	42 800	+	4 000
— 2 category B staff at	26 100	+	2 400
— 1 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 13 000 000 (Decision of 22 August 1975, published in OJ No L 231 of 2. 9. 1975)
Tranches previously opened: 2 760 000
New tranche: 10 240 000
Total tranches opened: 13 000 000

	1. 7. 1975	1976	1977	1978	30. 6. 1979
Foreseeable commitments	2 742 (1)	2 747 999 (2)	5 212 478	4 512 096	524 685

	1. 7. 1975	1976	1977	1978	1979	1980
Foreseeable payments	90 742 (3)	2 297 941	3 574 278	4 612 796	1 901 978	522 265

(1) Commitments contracted.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Systems analysis — Model building
(Item 3344 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
3.65	3.65.0					The appropriations entered under this chapter are intended to finance a programme comprising two projects: — static models (short-term), — dynamic sectoral models (medium- or long-term). They cover all expenditure involved in the implementation of the programme, i.e.: — administrative operating expenditure (Categories 11, 13, 24 and 25), — expenditure in respect of the Commission's financial obligations arising out of contracts already concluded or to be concluded, — expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
			PRIMARY CHARGES			
		11	Staff	11 076	11 076	
		13	Missions and duty travel	25 000	25 000	
		24	Entertainment and representation expenditure	1 000	1 000	
		25	Formal and other meetings	27 000	27 000	
		50	Contracts	1 325 300	1 110 131	
			SECONDARY CHARGES			
		91/0	Use of staff	212 400	212 400	
		92	Use of infrastructure	2 100	2 100	
			Sub-total	1 603 876	1 388 707	
		91/1	Reserve (use of staff)	19 800	19 800	
			TOTAL	1 623 676	1 408 507	

	Category 91/0		*Category 91/1*
— 3 category A staff at	42 800	+	4 000
— 2 category B staff at	26 100	+	2 400
— 2 category C staff at	15 900	+	1 500

Timetable

Total programme allocation: 3 880 000 (Decision of 22 August 1975, published in OJ No L 231 of 2. 9. 1975)
Tranches previously opened: 770 000
New tranche: 3 110 000
Total tranches opened: 3 880 000

	1. 7. 1975	1976	1977	1978	1979
Foreseeable commitments	11 558 (1)	745 533 (2)	1 623 676	1 021 149	478 084
Foreseeable payments	50 558 (3)	571 260	1 408 507	1 271 149	531 380	47 146

(1) Commitments contracted.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 3 — JOINT PROGRAMME — INDIRECT ACTION *(cont'd)*

Objective: Management and storage of radioactive waste
(Item 3337 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
3.66	3.66.0		PRIMARY CHARGES			The appropriations entered under this chapter are intended to finance the joint development and finalization of safe and effective techniques for the management of radioactive waste which will be produced by the nuclear industry.
		13	Missions and duty travel	2 500	2 500	They cover all expenditure involved in the implementation of the project, i.e.:
		24	Entertainment and representation expenditure	1 500	1 500	— administrative operating expenditure (Categories 13, 24 and 25),
		25	Formal and other meetings	22 000	22 000	— expenditure in respect of the Commission's financial obligations arising out of contracts already concluded or to be concluded (Category 50),
		50	Contracts	6 373 200	4 497 200	— expenditure in respect of seconded staff (Categories 91/0 and 91/1); these appropriations have been assessed as follows:
			SECONDARY CHARGES			*Category 91/0* *Category 91/1*
		91/0	Use of staff	110 900	110 900	— 1 category A staff at 42 800 + 4 000
		92	Use of infrastructure	1 100	1 100	— 2 category B staff at 26 100 + 2 400
			Sub-total	6 511 200	4 635 200	— 1 category C staff at 15 900 + 1 500
		91/1	Reserve (use of staff)	10 300	10 300	
			TOTAL	6 521 500	4 645 500	

Timetable

Total programme allocation: 19 160 000 (Decision of 26 June 1975, published in OJ No L 178 of 9. 7. 1975)
Tranches previously opened: 19 160 000
New tranche: —
Total tranches opened: 19 160 000

	1975	1976	1977	1978	1979
Foreseeable commitments	6 071 (1)	7 616 965 (2)	6 521 500	3 365 000	1 650 464

	1975	1976	1977	1978	1979	1980
Foreseeable payments	1 314 071 (3)	3 808 036	4 645 500	3 550 000	2 400 000	3 442 393

(1) Commitments contracted.
(2) Including the appropriations for commitment carried forward from 1975.
(3) Including appropriations for payment carried forward to the next financial year.

TITLE 4 — COMPLEMENTARY PROGRAMMES — DIRECT ACTION — JRC

Objective: Operation of HFR reactor
(Item 3320 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure: Cat.	Heading	Appropriations for commitment	Appropriations for payment	Remarks
4.10	4.10.0		PRIMARY CHARGES			
		11	Staff	26 000	26 000	
		13	Missions and duty travel	10 000	10 000	
		30	Technical operating expenditure	276 090	248 500	This appropriation covers recurring technical operating expenditure, in particular on materials, equipment and equipment maintenance. It includes in particular the following investment: — electron beam welding machine 100 000
		50	Contracts	103 000	92 700	
			SECONDARY CHARGES			
		92	Use of infrastructure	1 329 012	1 240 813	This amount covers the share in the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	676 497	669 522	This amount covers the use of scientific and technical support 1.30.7 (approximately 28 men).
		94	Use of major installations	5 542 688	4 910 638	
		95	Use of scientific divisions	1 265 333	1 264 172	This amount covers the expenditure on 42 men/year assigned to research.
			Sub-total	9 228 620	8 462 345	
		91	Staff (reserve)	392 000	392 000	Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			TOTAL	9 620 620	8 854 345	

Timetable

Total programme allocation: 45 512 000 (Decision of 18 July 1977, published in OJ No L 200 of 8. 8. 1977)
Tranches previously opened: —
New tranche: 9 620 620
Total tranches opened: 9 620 620

	1977 (1)	1978 (2)	1979 (2)	1980 (2)		1977 (1)	1978 (2)	1979 (2)	1980 (2)	1981 (2)
Foreseeable commitments	9 620 620	9 100 000	9 412 000	9 464 000	Foreseeable payments	8 854 345	9 100 000	9 412 000	9 464 000	766 000

(1) Including the reserve for staff expenditure (financial year 1977).
(2) Based on staff costs as at 1 January 1977.

TITLE 5 — COMPLEMENTARY PROGRAMMES — INDIRECT ACTION

(Article 335 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
				token entry	token entry	

TITLE 6 — COMPLETION OF PROJECTS AUTHORIZED UNDER PRECEDING PROGRAMMES

(Items 3362 and 3364 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure Heading	New tranche	Appropriations for commitment	Appropriations for payment	Remarks
						These appropriations for payment cover commitments contracted under preceding programmes and, where applicable, appropriations for commitment carried forward from preceding programmes.
6.10		JOINT PROGRAMME — JRC 1972 to 1976				
	6.10.1	European Informatics Network (COST 11)	—	—	855 669	
6.11		JOINT PROGRAMME — JRC 1973 to 1976	—	—		
6.12		JOINT PROGRAMME — JRC 1975 and 1976				
		Standards and reference materials (CBR Petten) and high-temperature materials	—	—	190 801	
6.13		COMPLEMENTARY PROGRAMMES — JRC 1973 to 1976				
	6.13.1	Plutonium and transplutonium elements (B/DK/D/F/IRL/L/N/UK)	—	—	118 365	
6.14		COMPLEMENTARY PROGRAMMES — JRC 1973 to 1976				
	6.14.1	Supervision and management of fissile materials (B/DK/D/IRL/I/L/N/UK)	—	—	152 506	
6.15		COMPLEMENTARY PROGRAMMES — JRC 1973 to 1976				
	6.15.1	HFR reactor (D/N)		—	token entry	

TITLE 6 — COMPLETION OF PROJECTS AUTHORIZED UNDER PRECEDING PROGRAMMES *(cont'd)*

(Items 3362 and 3364 of the general budget)

(in u.a.)

Chapter	Article	Breakdown by class of expenditure — Heading	New tranche	Appropriations for commitment	Appropriations for payment	Remarks
6.20		JOINT PROGRAMME — INDIRECT ACTION, 1973 to 1976				
	6.20.1	Training	—	—	782 100	
	6.20.2	Materials-testing reactors	—	—	8 892	
	6.20.3	Controlled thermonuclear fusion and plasma physics	—	—	10 946	
	6.20.4	Biology and health protection — Radiation protection	—	—	12 445	
	6.20.5	Reference materials and methods (Community Bureau of References)	—	—	110 782	
	6.20.6	Environment	—	—	163 932	
6.36		COMPLEMENTARY PROGRAMME — INDIRECT ACTION, 1971 to 1975				
	6.36.1	Biology — Adaptation of nuclear techniques to agricultural research (D/I/N)	—	—	token entry	
6.37		COMPLEMENTARY PROGRAMME — INDIRECT ACTION, 1974 and 1975				
	6.37.1	Biology — Adaptation of nuclear techniques to agricultural research (DK/IRL)	—	—	token entry	
		Title 6 — Total	**—**	**—**	**2 406 438**	

TITLE 7 — OTHER ACTIVITIES

(Item 3370 of the general budget)

(in u.a.)

Chapter	Article	Heading	Appropriations for commitment	Appropriations for payment	Remarks
7.00		FINANCIAL OPERATIONS UNDER THE EURATOM/ UNITED STATES AGREEMENT			
	7.00.1	Loans granted under the Euratom/United States Agreement	token entry	token entry	
	7.00.2	Repayment of borrowings under the Euratom/United States Agreement	3 400 000	3 400 000	This article includes repayments and payments of interest on sums borrowed from the Export/Import Bank.
	7.00.3	Financial and bank charges in respect of borrowing and lending under the Euratom/United States Agreement	token entry	token entry	This article includes payments for services performed by the bank acting on the Commission's behalf in transactions with the Export/Import Bank.
		Title 7 — Total	**3 400 000**	**3 400 000**	

TITLE 8 — MISCELLANEOUS ACTIVITIES

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
8.10			STAFF AWAITING ASSIGNMENT TO A POST (INDIRECT ACTION) (Item 3380 of the general budget)			For the purposes of the preceding training programme (1973 to 1976, Chapter 3.11) the Commission engaged seven officials in accordance with the programme decision of 18 June 1973. The programme decision of 21 December 1976 on the pursuit of the same objective authorizes the engagement of only six staff. Accordingly, one member of staff is awaiting assignment to another project as from 1 January 1977. Staff expenditure (Categories 91/0 and 91/1) has been assessed as follows: *Category 91/0* *Category 91/1* — 1 category C staff at 15 900 + 1 500
		91/0	Use of staff	15 900	15 900	
			Sub-total	15 900	15 900	
		91/1	Reserve (use of staff)	1 500	1 500	
			CHAPTER 8.10 — TOTAL	17 400	17 400	
8.11			IMPLEMENTATION OF THE COUNCIL RESOLUTION OF 22 JULY 1975 ON NUCLEAR PLANT SAFETY (OJ No C 185 of 14 AUGUST 1975) (Item 3381 of the general budget)			The appropriations entered under this chapter are intended to finance the scientific and technical support provided by Commission officials for various groups of Member State experts responsible for studying nuclear plant safety problems. The Commission proposes to improve the operation of these working parties and to speed up the attainment of the common objectives drawn up in consultation with the Member State experts. The appropriations cover the administrative operating expenditure (Categories 13 and 25), and the appropriations in respect of expenditure on staff assigned to this project (Categories 91/0 and 91/1) have been assessed as follows: *Category 91/0* *Category 91/1* — 4 category A staff at 42 800 + 4 000 — 2 category B staff at 26 100 + 2 400 — 2 category C staff at 15 900 + 1 500
			PRIMARY CHARGES			
		13	Missions and duty travel	3 000	3 000	
		25	Formal and other meetings	12 800	12 800	
			SECONDARY CHARGES			
		91/0	Use of staff	255 200	255 200	
		92	Use of infrastructure	2 500	2 500	
			Sub-total	273 500	273 500	
		91/1	Reserve (use of staff)	23 800	23 800	
			CHAPTER 8.11 — TOTAL	297 300	297 300	

TITLE 8 — MISCELLANEOUS ACTIVITIES *(cont'd)*

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
8.30	8.30.0		JRC NORMAL OPERATING EXPENDITURE (Item 3382 of the general budget)			These appropriations for payment are intended to cover commitments contracted under this chapter in 1976.
			PRIMARY CHARGES			
		11	Staff	—	3 068 497	
		14	Welfare and staff training	—		
		21	Immovable property and incidental expenditure	—		
		22	Movable property and incidental expenditure	—		
		23	Recurring administrative expenditure	—		
		27	Publication and information	—		
		30	Technical operating expenditure	—		
		50	Contracts	—		
			CHAPTER 8.30 — TOTAL	—	3 068 497	
8.32	8.32.0		ADJUSTMENT OF ESTABLISHMENT AND LOCAL STAFF EXPENDITURE (Item 3383 of the general budget)			These appropriations are intended to cover, with reference to the financial year 1976, salary arrears resulting from Council Regulation (ECSC, EEC, Euratom) No 2615/76 of 21 October 1976 implementing as from 1 November 1976 the 'new conditions of employment' of 896 JRC establishment and local staff.
		11 12		900 000	900 000	
			CHAPTER 8.32 — TOTAL	900 000	900 000	

TITLE 9 — PROVISIONAL APPROPRIATIONS

(in u.a.)

Chapter	Article	Breakdown by class of expenditure		Appropriations for commitment	Appropriations for payment	Remarks
		Cat.	Heading			
9.22			PROVISIONAL APPROPRIATIONS FOR THE FUSION AND PLASMA PHYSICS PROGRAMME (JET PROJECT) (Item 3394 of the general budget)	17 527 000	20 551 000	Pending the decision to be taken by the Council on the Commission's proposal concerning the JET project, the appropriations intended to finance the project in 1977 have been provisionally entered in this article, the amount being a hypothetical one corresponding to the Commission proposal. The appropriations, including reserves for adjustments, comprise: (a) the temporary staff expenditure allocated to the project, estimated at 5 829 600 u.a. in commitment appropriations and payment appropriations; (b) the contract expenditure estimated at 11 697 400 u.a. in commitment appropriations and 14 721 400 u.a. in payment appropriations.
			CHAPTER 9.22 — TOTAL	17 527 000	20 551 000	

PART TWO

APPROPRIATION ACCOUNTS

APPROPRIATION ACCOUNT: JRC STAFF EXPENDITURE

(in u.a.)

Uses							Remarks
Title	Chapter	Article	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.10	1.10.0					This appropriation is determined on the basis of the following staff numbers :
				PRIMARY CHARGES			— category A 1/A 4 posts: 159 — category A 5/A 8 posts: 355 — category B posts: 776 — category C and D posts: 1 050 Total 2 340
			11	Staff	64 012 143	64 012 143	
			11	Staff (reserve)	8 700 000	8 700 000	Reserve: Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			12	Recruitment, termination of service and transfers — Allowances and expenditure	725 000	725 000	
				USES — TOTAL	73 437 143	73 437 143	

APPROPRIATION ACCOUNT — STAFF EXPENDITURE — INDIRECT ACTION

(in u.a.)

Uses							Remarks
Title	Chapter	Article	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.11	1.11.0					This appropriation is assessed on the basis of the average strength in 1977 being the following: — category A posts: 182 — category B posts: 88 — category C posts: 36 Total 306
				PRIMARY CHARGES			
			11	Staff	12 260 700	12 260 700	
			11	Staff (reserve)	1 031 500	1 031 500	Reserve: Provisional appropriations for the purpose of offsetting, as each case arises, adjustments resulting from decisions to increase staff expenditure which may be adopted by the Council during the financial year 1977.
			12	Recruitment, termination of service and transfers — Allowances and expenditure	155 000	155 000	
				USES — TOTAL	13 447 200	13 447 200	
				CHAPTERS 1.10 AND 1.11 — TOTAL	86 884 343	86 884 343	

APPROPRIATION ACCOUNT — JRC STAFF EXPENDITURE

(in u.a.)

Resources				Article 1.10.0 *JRC Staff*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.10/1	91	Community taxes	6 698 927	6 698 927	The estimated breakdown of staff expenditure (11 and 12) is based on the following average costs: — category A 1/A 4 posts: 46 196 u.a./year, — category A 5/A 8 posts: 37 338 u.a./year, — category B posts: 26 079 u.a./year, — category C posts: 16 382 u.a./year. These average costs are assessed on the basis of prices at 1 January 1977 and do not take account of increases during the financial year 1977. The breakdown of expenditure (11 — Reserve) has been calculated provisionally on the basis of staff expenditure by objectives. *NB:* The amount of 5 560 513 u.a. in respect of the Essor reactor includes a reserve amount of 725 000 u.a.
			Appropriation accounts			
			1.20.1 — General administrative expenditure — JRC	1 642 052	1 642 052	
			1.20.2 — General services — Administrative — JRC, Ispra	5 795 190	5 795 190	
			1.20.3 — General services — Technical — JRC, Ispra	4 607 737	4 607 737	
			1.20.5 — General services and infrastructure — JRC, CBNM (Geel)	1 166 002	1 166 002	
			1.20.6 — General services and infrastructure — JRC, Karlsruhe	821 631	821 631	
			1.20.7 — General services and infrastructure — JRC, Petten	802 237	802 237	
			1.30.2 — Computer centre — JRC, Ispra	770 602	770 602	
			1.30.3 — Central workshop — JRC, Ispra	1 461 359	1 461 359	
			1.30.4 — Medium-activity laboratory — JRC, Ispra	367 389	367 389	
			1.30.5 — Specialized scientific and technical support — JRC, CBNM (Geel)	718 930	718 930	
			1.30.6 — Specialized scientific and technical support — JRC, Karlsruhe	1 114 266	1 114 266	
			1.30.7 — Specialized scientific and technical support — JRC, Petten	717 431	717 431	
			1.40.7 — HFR reactor — Petten	37 338	37 338	
			1.50.1 — Scientific divisions — Department A — JRC, Ispra	3 517 482	3 517 482	
			1.50.2 — Scientific divisions — Department B — JRC, Ispra	10 038 728	10 038 728	
			1.50.3 — Scientific divisions — Department C — JRC, Ispra	9 301 018	9 301 018	
			1.50.4 — Project management	930 220	930 220	
			1.50.5 — Scientific divisions — JRC, CBNM (Geel)	3 338 837	3 338 837	

APPROPRIATION ACCOUNT — JRC STAFF EXPENDITURE *(cont'd)*

(in u.a.)

Resources					Article 1.10.0 *JRC staff*		Remarks
Title	Chapter	Cat.	Heading		Commitments	Payments	
1	1.10/1	91	*(cont'd)*				
			1.50.6 — Scientific divisions — JRC, Karlsruhe		3 312 744	3 312 744	
			1.50.7 — Scientific divisions — JRC, Petten		2 741 511	2 741 511	
			1.90.0 — Essor reactor		5 560 512	5 560 512	
			1.91.1 — Services performed by the JRC on behalf of research and investment indirect action		token entry	token entry	
			1.92.0 — Services performed by the JRC on behalf of other Commission departments (excluding research and investment indirect action)		token entry	token entry	
	1.10/2		2.10.1 — Reactor safety	Reserve	1 909 000	1 909 000	
			2.10.2 — Plutonium fuels and actinides research		869 000	869 000	
			2.10.3 — Management of nuclear materials and radioactive waste		544 000	544 000	
			2.20.1 — Solar energy		318 000	318 000	
			2.20.2 — Hydrogen		394 000	394 000	
			2.20.3 — High-temperature materials		227 000	227 000	
			2.20.4 — Design studies on thermonuclear fusion		254 000	254 000	
			2.30.0 — Environment and resources		914 000	914 000	
			2.40.0 — Measurements, standards and reference techniques (METRE)		1 357 000	1 357 000	
			2.50.1 — Data processing		349 000	349 000	
			2.50.2 — Training		37 000	37 000	
			2.50.3 — Supervision of fissile materials		411 000	411 000	
			4.10.0 — Operation of HFR reactor		392 000	392 000	
			RESOURCES — TOTAL		73 437 143	73 437 143	

APPROPRIATION ACCOUNT — STAFF EXPENDITURE — INDIRECT ACTION

(in u.a.)

Resources				Article 1.11.0 *Staff expenditure — Headquarters and indirect action*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.11	91	Community taxes	1 767 000	1 767 000	The estimated breakdown of staff expenditure is on the following flat-rate basis: — 42 800 u.a. per category A post for one year — 26 100 u.a. per category B post for one year — 15 900 u.a. per category C post for one year (remuneration based on Article 66 of the Staff Regulations), — 14 300 u.a. per category C post for one year (remuneration based on Article 20 of the conditions of employment of other servants of the European Communities). It should be noted that additional sums of 764 600 u.a. in respect of projects under Title 3, 25 300 u.a. in respect of Chapters 8.10 'Staff awaiting assignment to a post' and 8.11 'Implementation of the Council resolution of 22 July 1975 on nuclear plant safety' and 192 600 u.a. in respect of the appropriation accounts under 1.80 'Staff placed at the disposal of outside bodies or individuals pursuant to the provisions of Article 6(c) of the Treaty' are entered directly in each chapter to offset the effects of whatever salary increases are adopted by the Council in 1977.
			Research objectives			
			3.11 — Training	169 600	169 600	
			3.20.0 — Fusion and plasma physics	4 171 200	4 171 200	
			3.30 — Biology and health protection — Radiation protection	2 360 400	2 360 400	
			3.51 — Reference materials and methods (Community Bureau of References)	229 100	229 100	
			3.52 — Protection of the environment — Pollutants and nuisances	330 600	330 600	
			3.60 — Plutonium recycling in light-water reactors	111 700	111 700	
			3.61 — Energy economy	186 300	186 300	
			3.62 — Production and use of hydrogen	127 600	127 600	
			3.63 — Solar energy	186 300	186 300	
			3.64 — Geothermal energy	110 900	110 900	
			3.65 — Systems analysis	212 400	212 400	
			3.66 — Management and storage of radioactive waste	110 900	110 900	
			8.10 — Staff awaiting assignment to a post	15 900	15 900	
			8.11 — Implementation of the Council resolution of 22 July 1975 on nuclear plant safety	255 200	255 200	

APPROPRIATION ACCOUNT — STAFF EXPENDITURE — INDIRECT ACTION *(cont'd)*

(in u.a.)

Resources				Article 1.11.0 *Staff expenditure — Headquarters and indirect action*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.11	91	*(cont'd)*			
			Appropriation accounts			
			1.80 — Installations and/or staff placed at the disposal of outside bodies or individuals pursuant to Article 6 (c) of the Euratom Treaty (indirect action)			
			Article 1.80.0 — BR-2 reactor personnel	896 200	896 200	
			Article 1.80.1 — Staff from former associations in the field of advanced reactors	1 088 800	1 088 800	
			Article 1.80.2 — Staff from a former association in the field of biology	85 600	85 600	
		91/1	*Reserve:*			The estimated breakdown of this additional expenditure, taking into account whatever salary increases may be adopted by the Council in 1977, is on the following flat-rate basis: — 4 000 u.a. per category A post for one year — 2 400 u.a. per category B post for one year — 1 500 u.a. per category C post for one year (remuneration based on Article 66 of the Staff Regulations), — 1 500 u.a. per category C post for one year (remuneration based on Article 20 of the conditions of employment of other servants of the European Communities).
			Title 3	764 600	764 600	
			Title 8	25 300	25 300	
			Appropriation account 1.80	192 600	192 600	
			Community taxes	49 000	49 000	
			RESOURCES — TOTAL	13 447 200	13 447 200	

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS

(in u.a.)

Uses				Article 1.20.1 *General administrative expenditure — JRC*		Article 1.20.2 *General services — Administrative — JRC Ispra*		Article 1.20.3 *General services — Technical — JRC Ispra*		Article 1.20.5 *General services and infrastructure — JRC, CBNM (Geel)*	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.20		PRIMARY CHARGES								
		11	Staff	—	—	908 000	908 000	—	—	55 000	55 000
		13	Missions and duty travel	140 000	140 000	111 000	111 000	20 000	20 000	18 500	18 500
		14	Welfare and further training of staff	159 500	143 600	125 000	112 500	—	—	41 500	37 400
		21	Immovable property and incidental expenditure	—	—	2 321 720	2 090 300	2 158 100	1 942 300	247 500	222 750
		22	Movable property and incidental expenditure	31 250	28 100	1 177 000	1 059 400	206 200	185 600	95 000	85 600
		23	Recurring administrative expenditure	7 320	6 600	1 098 300	988 500	40 000	36 000	115 000	103 550
		24	Entertainment and representation expenditure	15 300	15 300	14 100	14 100	—	—	2 000	2 000
		25	Formal and other meetings	69 950	69 950	112 000	112 000	—	—	8 000	8 000
		26	Studies, surveys and consultancy	42 000	42 000	—	—	—	—	5 000	4 500
		27	Publication and information	37 000	33 300	39 000	35 100	—	—	10 000	9 000
		30	Technical operating expenditure	—	—	103 800	98 900	1 086 900	972 500	327 000	294 300
		40	Investment	—	—	—	—	2 148 000	1 503 600	300 000	210 000
		50	Contracts	485 680	388 500	65 000	58 500	—	—	222 140	177 700
		60	Miscellaneous expenditure	—	—	55 000	49 500	—	—	—	—
			SECONDARY CHARGES								
		91	Staff	1 642 052	1 642 052	5 795 190	5 795 190	4 607 737	4 607 737	1 166 002	1 166 002
		93	Use of scientific and technical support	177 158	161 718	733 432	683 370	58 868	56 663	—	—
			USES — TOTAL	2 807 210	2 671 120	12 658 542	12 116 360	10 325 805	9 324 400	2 612 642	2 394 302

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

(in u.a.)

Uses				Article 1.20.6 *General services and infrastructure — JRC Karlsruhe*		Article 1.20.7 *General services and infrastructure — JRC Petten*		CHAPTER 1.20 — TOTAL		Article 1.21.0 *General administrative expenditure — Headquarters and indirect action*	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.20 and 1.21		*(cont'd)*								
			PRIMARY CHARGES								
		11	Staff	115 000	115 000	30 290	30 290	1 108 290	1 108 290	38 300	38 300
		12	Recruitment, termination of service and transfers — Allowances and expenditure	—	—	—	—	—	—	—	—
		13	Missions and duty travel	39 640	39 640	12 300	12 300	341 440	341 440	—	—
		14	Welfare and further training of staff	31 970	28 800	25 400	23 000	383 370	345 300	46 700	46 700
		21	Immovable property and incidental expenditure	808 800	728 100	175 800	160 400	5 711 920	5 143 850	—	—
		22	Movable property and incidental expenditure	77 970	70 100	146 700	134 500	1 734 120	1 563 300	—	—
		23	Recurring administrative expenditure	114 064	102 544	100 000	95 000	1 474 684	1 332 194	—	—
		24	Entertainment and representation expenditure	3 000	3 000	3 600	3 600	38 000	38 000	—	—
		25	Formal and other meetings	500	500	600	600	191 050	191 050	—	—
		26	Studies, surveys and consultancy	—	—	—	—	47 000	46 500	—	—
		27	Publication and information	—	—	12 300	11 100	98 300	88 500	—	—
		30	Technical operating expenditure	490 250	441 200	116 800	105 100	2 124 750	1 912 000	—	—
		40	Investment	55 000	38 500	27 000	20 000	2 530 000	1 772 100	—	—
		50	Contracts	131 000	104 800	351 400	316 300	1 255 220	1 045 800	—	—
		60	Miscellaneous expenditure	—	—	—	—	55 000	49 500	—	—
			SECONDARY CHARGES								
		91	Staff	821 631	821 631	802 237	802 237	14 834 849	14 834 849	—	—
		93	Use of scientific and technical support	—	—	—	—	969 458	901 751	—	—
			USES — TOTAL	2 688 825	2 493 815	1 804 427	1 714 427	32 897 451	30 714 424	85 000	85 000

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

(in u.a.)

Title	Chapter	Article	Cat.	Remarks
1	1.20			*(cont'd)*
			11	This appropriation covers expenditure in respect of overtime and various allowances (arduous work, continuous-process work, work under pressure).
			14	This appropriation covers expenditure in respect of restaurants and canteens, of staff recreation circles and of further training courses.
			21	This appropriation includes the following estimates:

	Ispra	Geel	Karlsruhe	Petten
— insurance	187 400	41 800	94 310	20 750
— water, gas, electricity, heating	2 128 000	100 000	602 490	65 800
— cleaning and maintenance	2 088 000	90 000	82 000	71 000

			22	This appropriation covers in particular expenditure in respect of office equipment, furniture, equipment for use in administration and means of transport, and an amount of 294 440 u.a. for library requirements.
			23	This appropriation covers in particular the following estimates of expenditures:

	Ispra	Geel	Karlsruhe	Petten
— telephone, telegraph, telex	700 000	42 000	47 480	28 000
— work and service clothing	28 300	13 000	42 480	5 900
— postage	64 700	11 000	1 830	5 000
— stationery and office requisites	212 200	28 000	14 240	14 000

			25	This appropriation is intended to cover the travel, subsistence and incidental expenses of government and other experts invited to attend meetings of study groups and working parties. In addition, it covers the operating expenses of certain committees and the various expenses incurred in the organization of and participation in conferences and congresses or meetings held at places other than the place of work of the institution.
			26	This appropriation is intended to cover expenditure arising from the consultation of experts and the performance or procurement of studies and investigations.
			30	This appropriation is intended to cover in particular the expenditure relating to the maintenance of buildings, road systems, and equipment and also expenditure involved in protection and safety at work.

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

Title	Chapter	Article	Cat.	Remarks
1	1.20			*(cont'd)*
			40	*1.20.3 — General services — Technical — JRC Ispra* This appropriation covers a series of development or modernization projects involving Ispra establishment installations and also certain investments. Of the major projects, the following should be mentioned: — alterations to the conventional power plant and rebuilding of certain corroded parts (170 000 u.a.), — the first tranche for the water purification plant (600 000 u.a.), — a series of projects designed to improve conventional safety: — erection of a new perimeter fence round the establishment: about 650 000 u.a., — miscellaneous problems: 100 000 u.a. *1.20.5 — General services and infrastructure — JRC Geel* This appropriation covers the building of a conference room for the CBNM.
			50	*1.20.1 — General administrative expenditure — JRC* This appropriation is intended to finance, mainly by contracts, the research needed for the preparation of further programmes. *1.20.2 — General services — Administrative — JRC Ispra* This amount covers expenditure on the purchase and leasing of special software for management problems. *1.20.5 — General services and infrastructure — JRC Geel* This amount covers expenditure in respect of assistance provided by Belgian organizations (CEN and Belgonucléaire). *1.20.6 — General services and infrastructure — JRC Karlsruhe* This amount covers expenditure in respect of assistance provided by GfK. *1.20.7 — General services and infrastructure — JRC Petten* This amount covers expenditure in respect of assistance provided by RCN.
			91	This appropriation covers expenditure in respect of: — *Officials* — 1.20.1 — General administrative expenditure — JRC — 50 — 1.20.2 — General services — Administrative — Ispra — 281 — 1.20.3 — General services — Technical — Ispra — 246 — 1.20.5 — General services and infrastructure — Geel — 53 — 1.20.6 — General services and infrastructure — Karlsruhe — 37 — 1.20.7 — General services and infrastructure — Petten — 37
			93	This appropriation covers the use of the Computer Centre — 1.30.2 (about 633 machine hours) and the use of the workshop — 1.30.3 (about 1 000 machine hours).

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

(in u.a.)

Resources				Article 1.20.1 *General administrative expenditure — JRC*		Article 1.20.2 *General services — Administrative — JRC Ispra*		Article 1.20.3 *General services — Technical — JRC Ispra*		Article 1.20.5 *General services and infrastructure — JRC, CBNM (Geel)*	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.20	92									
			Research objectives								
			2.10.1 — Reactor safety	686 991	653 404	3 607 993	3 444 137	2 995 369	2 699 800	—	—
			2.10.2 — Plutonium fuels and actinide research	296 445	282 154	99 664	95 635	82 741	74 967	—	—
			2.10.3 — Management of nuclear materials and radioactive waste	186 643	179 539	975 454	941 750	809 826	738 221	—	—
			2.20.1 — Solar energy	139 202	124 526	737 053	661 671	611 904	518 672	—	—
			2.20.2 — Hydrogen	133 485	129 412	706 783	687 632	586 774	539 023	—	—
			2.20.3 — High-temperature materials	58 101	57 067	—	—	—	—	—	—
			2.20.4 — Design studies on thermonuclear fusion	99 241	91 841	525 465	487 998	436 243	382 534	—	—
			2.30.0 — Environment and resources	334 718	318 505	1 772 282	1 692 375	1 471 355	1 326 623	—	—
			2.40.0 — Measurements, standards and reference techniques (METRE)	434 929	418 533	758 916	746 063	630 054	584 826	2 612 642	2 394 302
			2.50.1 — Data processing	143 284	135 036	758 669	717 516	629 849	562 448	—	—
			2.50.2 — Training	12 034	12 147	63 719	64 541	52 900	50 593	—	—
			2.50.3 — Supervision of fissile materials	135 414	131 790	693 623	677 453	575 848	531 044	—	—
			4.10.0 — Operation of HFR reactor	146 722	137 164	—	—	—	—	—	—
			Appropriation accounts								
			1.90.0 — Essor reactor staff and installations	—	—	1 487 015	1 412 772	1 212 985	1 087 228	—	—
			1.91.1 — Biology and health protection — Radiation protection (Chapter 3.30)	—	—	140 440	144 103	114 560	110 897	—	—
			1.92.0 — Technical assessments in support of certain Commission activities	—	—	141 466	152 714	115 397	117 525	—	—
			1.94.0 — Other contracts for services on behalf of outside bodies and individuals (JRC)	—	—	190 000	190 000	—	—	—	—
			RESOURCES — TOTAL	2 807 209	2 671 118	12 658 542	12 116 360	10 325 805	9 324 401	2 612 642	2 394 302

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

(in u.a.)

Resources				Article 1.20.6 *General services and infrastructure — JRC Karlsruhe*		Article 1.20.7 *General services and infrastructure — JRC Petten*		CHAPTER 1.20 — TOTAL	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.20	92	*(cont'd)*						
			Research objectives						
			2.10.1 — Reactor safety	51 697	47 157	—	—	7 342 050	6 844 498
			2.10.2 — Plutonium fuels and actinide research	2 573 801	2 387 065	—	—	3 052 651	2 839 821
			2.10.3 — Management of nuclear materials and radioactive waste	22 399	20 801	—	—	1 994 322	1 880 311
			2.20.1 — Solar energy	—	—	—	—	1 488 159	1 304 869
			2.20.2 — Hydrogen	—	—	—	—	1 427 042	1 356 067
			2.20.3 — High-temperature materials	—	—	468 179	459 170	526 280	516 237
			2.20.4 — Design studies on thermonuclear fusion	—	—	—	—	1 060 949	962 373
			2.30.0 — Environment and resources	—	—	—	—	3 578 355	3 337 503
			2.40.0 — Measurements, standards and reference techniques (METRE)	—	—	153 958	151 608	4 590 499	4 295 332
			2.50.1 — Data processing	—	—	—	—	1 531 802	1 415 000
			2.50.2 — Training	—	—	—	—	128 653	127 281
			2.50.3 — Supervision of fissile materials	40 928	38 791	—	—	1 445 813	1 379 078
			4.10.0 — Operation of HFR reactor	—	—	1 182 290	1 103 649	1 329 012	1 240 813

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

(in u.a.)

Resources				Article 1.20.6 *General services and infrastructure — JRC Karlsruhe*		Article 1.20.7 *General services and infrastructure — JRC Petten*		CHAPTER 1.20 — TOTAL	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.20	92	*(cont'd)*						
			Appropriation accounts						
			1.90.0 — Essor reactor staff and installations	—	—	—	—	2 700 000	2 500 000
			1.91.1 — Biology and health protection — Radiation protection (Chapter 3.30)	—	—	—	—	255 000	255 000
			1.92.0 — Technical assessments in support of certain Commission activities	—	—	—	—	256 863	270 239
			1.94.0 — Other contracts for services on behalf of outside bodies and individuals (JRC)	—	—	—	—	190 000	190 000
			RESOURCES — TOTAL	2 688 825	2 493 814	1 804 427	1 714 427	32 897 450	30 714 422

Remarks on Chapter 1.20

JRC overheads are allocated under two main headings:

— general administrative expenditure (1.20.1) covering all establishments,
— general services (1.20.2 to 1.20.7) specific to each establishment.

Where the Ispra Establishment is concerned, this item is itself subdivided into 'General services — Administrative' (1.20.2) and 'General services — Technical' (1.20.3).

General administrative expenditure (1.20.1) is allocated in proportion to the total staff complement for each JRC establishment and, within the latter, in proportion to the annual budget appropriation for each objective (sum of the specific appropriations and secondary charges other than Category 92).

General administrative expenditure still chargeable to the objectives, i.e., after the deduction of expenditure repaid under contracts or other resources, is allocated in proportion to the annual budget appropriation for each objective (sum of the specific appropriations and secondary charges other than Category 92).

In the particular case of the HFR reactor, the amount of the contract concluded with the RCN is excluded from the reference appropriation adopted for the purposes of calculating the contribution covering general services expenditure.

APPROPRIATION ACCOUNT — GENERAL INFRASTRUCTURE — GENERAL SERVICES AND OVERHEADS *(cont'd)*

(in u.a.)

Resources				Article 1.21.0 *General administrative expenditure — Headquarters and indirect action*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.21	92	*Research objectives*			Infrastructure expenditure is allocated in proportion to the aggregate earnings of the staff covered by research objectives in Title 3 on the one hand and the appropriations in Chapter 8.11 'Implementation of the Council resolution of 22 July 1975 on nuclear plant safety' on the other.
			3.11.0 — Training	1 700	1 700	
			3.20.0 — Fusion and plasma physics	41 000	41 000	
			3.30.0 — Biology and health protection — Radiation protection	23 600	23 600	
			3.51.0 — Reference materials and methods (Community Bureau of References)	2 300	2 300	
			3.52.0 — Protection of the environment — Pollution and nuisances	3 300	3 300	
			3.60.0 — Plutonium recycling in light-water reactors	1 100	1 100	
			3.61.0 — Energy economy	1 800	1 800	
			3.62.0 — Production and use of hydrogen	1 300	1 300	
			3.63.0 — Solar energy	1 800	1 800	
			3.64.0 — Geothermal energy	1 100	1 100	
			3.65.0 — Systems analysis	2 100	2 100	
			3.66.0 — Management and storage of radioactive waste	1 100	1 100	
			8.11 — Implementation of the Council resolution of 22 July 1975 on nuclear plant safety	2 500	2 500	
			RESOURCES — TOTAL	85 000	85 000	

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT

(in u.a.)

Uses				Article 1.30.1 *Central store — JRC Ispra*		Article 1.30.2 *Computer centre — JRC Ispra*		Article 1.30.3 *Central workshop — JRC Ispra*		Article 1.30.4 *Medium-activity laboratory — JRC Ispra*	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.30		PRIMARY CHARGES								
		11	Staff	—	—	18 000	18 000	47 200	47 200	13 000	13 000
		13	Missions and duty travel	—	—	6 000	6 000	6 000	6 000	6 000	6 000
		30	Technical operating expenditure	—	—	2 624 832	2 362 300	205 352	143 700	351 272	246 000
		50	Contracts	—	—	25 000	22 500	—	—	—	—
			SECONDARY CHARGES								
		91	Staff	—	—	770 602	770 602	1 461 359	1 461 359	367 389	367 389
		93	Use of scientific and technical support	—	—	—	—	—	—	87 806	84 420
			USES — TOTAL	—	—	3 444 434	3 179 402	1 719 911	1 658 259	825 467	716 809

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT *(cont'd)*

(in u.a.)

Uses				Article 1.30.5 *Specialized scientific and technical support — JRC, CBNM (Geel)*		Article 1.30.6 *Specialized scientific and technical support — JRC Karlsruhe*		Article 1.30.7 *Specialized scientific and technical support — JRC Petten*		CHAPTER 1.30 — TOTAL	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.30		*(cont'd)*								
			PRIMARY CHARGES								
		11	Staff	50 000	50 000	—	—	18 560	18 560	146 760	146 760
		13	Missions and duty travel	11 000	11 000	—	—	—	—	29 000	29 000
		22	Movable property and incidental expenditure	—	—	—	—	6 185	5 600	6 185	5 600
		30	Technical operating expenditure	1 000 000	700 000	815 840	571 100	79 285	71 400	5 076 581	4 094 500
		40	Investment	—	—	—	—	—	—	—	—
		50	Contracts	10 200	8 200	431 000	301 700	—	—	466 200	332 400
			SECONDARY CHARGES								
		91	Staff	718 930	718 930	1 114 266	1 114 266	717 431	717 431	5 149 977	5 149 977
		93	Use of scientific and technical support	—	—	—	—	—	—	87 806	84 420
			USES — TOTAL	1 790 130	1 488 130	2 361 106	1 987 066	821 461	812 991	10 962 509	9 842 657

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT *(cont'd)*

Title	Chapter	Article	Cat.	Remarks
1	1.30			*(cont'd)*
			11	This appropriation covers expenditure in respect of overtime, bonuses and various allowances.
			30	*1.30.2 — Computer Centre* This amount is mainly intended to cover expenditure in respect of the leasing of the Ispra Computer Centre installations. *1.30.3 — Central workshop* This amount covers normal technical operating expenditure, materials, equipment and maintenance of equipment (about 100 000 u.a.). It also covers the purchase of an electro-erosion machine (about 53 000 u.a.) together with some minor items of equipment. *1.30.4 — Medium-activity laboratory* This appropriation covers the normal technical operating expenditure, materials, equipment and maintenance of equipment together with the adaptation of existing installations for chemical work. *1.30.5 — Scientific and technical support — Geel* This appropriation covers the normal technical operating expenditure, materials, equipment and maintenance of equipment. It also covers the purchase of klystrons (80 000 u.a.), industrial electricity (95 000 u.a.) and contract for the leasing of a computer (260 000 u.a.). *1.30.6 — Scientific and technical support — Karlsruhe* This appropriation covers normal technical operating expenditure; it also covers in particular the cost of extending the capacity for the venting and purification of inert gases, installing central monitoring units, converting air-extraction plants in order to obtain energy savings, and installing air conditioning in the east wing of the building. *1.30.7 — Scientific and technical support — Petten* This appropriation covers normal technical operating expenditure.
			50	*1.30.2 — Computer Centre* This amount covers a contract relating to card punching and checking. *1.30.6 — Scientific and technical support — Karlsruhe* This amount covers in particular contracts relating to monitoring and other services to be performed by outside bodies or individuals.
			91	This appropriation covers expenditure in respect of: — *Officials* — 1.30.2 — Computer Centre — 33 — 1.30.3 — Central workshop — 76 — 1.30.4 — Medium-activity laboratory — 14 — 1.30.5 — Scientific and technical support — Geel — 36 — 1.30.6 — Scientific and technical support — Karlsruhe — 59 — 1.30.7 — Scientific and technical support — Petten — 33
			93	*1.30.4 — Medium-activity laboratory — JRC Ispra* This amount covers the use of the Computer Centre 1.30.2 (about five computing hours) and use of the workshop 1.30.3 (about 5 200 machine hours).

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT *(cont'd)*

(in u.a.)

Resources				Article 1.30.1 *Central store — JRC Ispra*		Article 1.30.2 *Computer centre — JRC Ispra*		Article 1.30.3 *Central workshop — JRC Ispra*		Article 1.30.4 *Medium-activity laboratory — JRC Ispra*	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.30	93	*Research objectives*								
			2.10.1 — Reactor safety	—	—	745 043	681 929	449 283	433 178	371 460	322 564
			2.10.2 — Plutonium fuels and actinide research	—	—	—	—	—	—	—	—
			2.10.3 — Nuclear materials and radioactive waste management	—	—	54 154	49 379	96 526	93 066	330 187	286 724
			2.20.1 — Solar energy	—	—	21 327	19 417	80 731	77 837	—	—
			2.20.2 — Hydrogen	—	—	26 414	24 902	80 731	77 837	—	—
			2.20.3 — High-temperature materials	—	—	—	—	—	—	—	—
			2.20.4 — Design studies on thermonuclear fusion reactors	—	—	97 749	88 994	15 795	15 229	—	—
			2.30.0 — Environment and resources	—	—	473 302	437 487	210 601	203 052	—	—
			2.40.0 — Measures, standards and reference techniques (METRE)	—	—	82 552	76 980	160 584	154 827	—	—
			2.50.1 — Data processing	—	—	486 915	456 831	40 365	38 918	—	—
			2.50.2 — Training	—	—	2 666	2 427	—	—	—	—
			2.50.3 — Supervision of fissile materials	—	—	47 553	43 335	96 526	93 066	82 547	71 681
			4.10.0 — Operation of HFR reactor	—	—	—	—	—	—	—	—

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT *(cont'd)*

(in u.a.)

Resources				Article 1.30.1 *Central store — JRC Ispra*		Article 1.30.2 *Computer centre — JRC Ispra*		Article 1.30.3 *Central workshop — JRC Ispra*		Article 1.30.4 *Medium-activity laboratory — JRC Ispra*	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.30	93	*(cont'd)*								
			Appropriation accounts								
			1.20.1 — General administration — JRC	—	—	177 158	161 718	—	—	—	—
			1.20.2 — General services — Administrative — JRC Ispra	—	—	733 432	683 370	—	—	—	—
			1.20.3 — General services — Technical — JRC Ispra	—	—	6 218	5 900	52 650	50 763	—	—
			1.30.4 — Medium-activity laboratory — JRC Ispra	—	—	4 443	4 045	83 363	80 375	—	—
			1.90.0 — Essor reactor personnel and installations	—	—	158 495	144 965	352 757	340 112	41 273	35 840
			1.92.0 — Technical assessments in support of certain Commission activities	—	—	33 768	30 743	—	—	—	—
			1.94.0 — Other contracts for services on behalf of outside bodies and individuals (JRC)	—	—	293 246	266 981	—	—	—	—
			RESOURCES — TOTAL	—	—	3 444 434	3 179 402	1 719 911	1 658 259	825 467	716 809

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT *(cont'd)*

(in u.a.)

Resources				Article 1.30.5 *Specialized scientific and technical support — JRC, CBNM (Geel)*		Article 1.30.6 *Specialized scientific and technical support — JRC Karlsruhe*		Article 1.30.7 *Specialized scientific and technical support — JRC Petten*		CHAPTER 1.30 — TOTAL	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.30	93	*(cont'd)*								
			Research objectives								
			2.10.1 — Reactor safety	—	—	48 022	40 415	—	—	1 613 808	1 478 086
			2.10.2 — Plutonium fuels and actinide research	—	—	2 253 055	1 896 132	—	—	2 253 055	1 896 132
			2.10.3 — Nuclear materials and radioactive waste management	—	—	20 009	16 840	—	—	500 876	446 009
			2.20.1 — Solar energy	—	—	—	—	—	—	102 058	97 254
			2.20.2 — Hydrogen	—	—	—	—	—	—	107 145	102 739
			2.20.3 — High-temperature materials	—	—	—	—	120 803	119 558	120 803	119 558
			2.20.4 — Design studies on thermonuclear fusion reactors	—	—	—	—	—	—	113 544	104 223
			2.30.0 — Environment and resources	—	—	—	—	—	—	683 903	640 539
			2.40.0 — Measures, standards and reference techniques (METRE)	1 790 130	1 488 130	—	—	24 161	23 912	2 057 427	1 743 849
			2.50.1 — Data processing	—	—	—	—	—	—	527 280	495 749
			2.50.2 — Training	—	—	—	—	—	—	2 666	2 427
			2.50.3 — Supervision of fissile materials	—	—	40 019	33 679	—	—	266 645	241 761
			4.10.0 — Operation of HFR reactor	—	—	—	—	676 497	669 522	676 497	669 522

APPROPRIATION ACCOUNT — SCIENTIFIC AND TECHNICAL SUPPORT *(cont'd)*

(in u.a.)

Resources				Article 1.30.5 *Specialized scientific and technical support — JRC, CBNM (Geel)*		Article 1.30.6 *Specialized scientific and technical support — JRC Karlsruhe*		Article 1.30.7 *Specialized scientific and technical support — JRC Petten*		CHAPTER 1.30 — TOTAL	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.30	93	*(cont'd)*								
			Appropriation accounts								
			1.20.1 — General administration — JRC	—	—	—	—	—	—	177 158	161 718
			1.20.2 — General services — Administrative — JRC Ispra	—	—	—	—	—	—	733 432	683 370
			1.20.3 — General services — Technical — JRC Ispra	—	—	—	—	—	—	58 868	56 663
			1.30.4 — Medium-activity laboratory — JRC Ispra	—	—	—	—	—	—	87 806	84 420
			1.90.0 — Essor reactor personnel and installations	—	—	—	—	—	—	552 525	520 917
			1.92.0 — Technical assessments in support of certain Commission activities	—	—	—	—	—	—	33 768	30 743
			1.94.0 — Other contracts for services on behalf of outside bodies and individuals (JRC)	—	—	—	—	—	—	293 246	266 981
			RESOURCES — TOTAL	1 790 130	1 488 130	2 361 106	1 987 066	821 461	812 991	10 962 509	9 842 657

Remarks on Chapter 1.30

The resources in this appropriation account cover the use, estimated on the basis of the research objectives and other appropriation accounts, which will be made of the services provided under this account.

APPROPRIATION ACCOUNT — MAJOR INSTALLATIONS

(in u.a.)

Uses				Article 1.40.1 *Ispra-I reactor — JRC Ispra*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.40					
			PRIMARY CHARGES			
		11	Staff	token entry	token entry	
		13	Missions and duty travel			
		21	Immovable property and incidental expenditure			
		30	Technical operating expenditure			
		40	Investments			
		50	Contracts			
		60	Miscellaneous expenditure			
			SECONDARY CHARGES			
		91	Use of staff	—	—	
			USES — TOTAL	token entry	token entry	

APPROPRIATION ACCOUNT — MAJOR INSTALLATIONS *(cont'd)*

(in u.a.)

Resources				Article 1.40.1 *Ispra-I reactor — JRC Ispra*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.40		*(cont'd)*	token entry	token entry	
RESOURCES — TOTAL				token entry	token entry	

APPROPRIATION ACCOUNT — MAJOR INSTALLATIONS *(cont'd)*

(in u.a.)

Uses				Article 1.40.7 *HFR reactor — JRC Petten*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.40		PRIMARY CHARGES			
		21	Immovable property and incidental expenditure	69 770	62 800	This appropriation mainly covers expenditure in respect of insurance.
		30	Technical operating expenditure	1 692 165	1 523 000	This appropriation relates in particular to expenditure on fuel elements and industrial electricity.
		40	Investment	305 000	213 500	This appropriation is intended for the fitting-out of premises with assemblies for carrying out experiments.
		50	Contracts	3 644 415	3 280 000	This appropriation covers the services provided by the RCN mainly under the contract for the technical operation of the reactor.
			SECONDARY CHARGES			
		91	Staff	37 338	37 338	This appropriation covers expenditure in respect of one official.
			USES — TOTAL	5 748 688	5 116 638	

APPROPRIATION ACCOUNT — MAJOR INSTALLATIONS *(cont'd)*

(in u.a.)

Resources				Article 1.40.7 *HFR reactor — JRC Petten*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.40	94	*(cont'd)*			
			Research objective			
			4.10.0 — Operation of HFR reactor	5 542 688	4 910 638	
			Appropriation account			
			1.94.0 — Other contracts for services on behalf of outside bodies and individuals (JRC)	206 000	206 000	
RESOURCES — TOTAL				5 748 688	5 116 638	

APPROPRIATION ACCOUNT — SCIENTIFIC DIVISIONS

(in u.a.)

Uses				Article 1.50.2 *Department A — JRC Ispra*		Article 1.50.3 *Department B — JRC Ispra*		Article 1.50.4 *Department C — JRC Ispra*		Article 1.50.1 *Project management — JRC Ispra*	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.50		PRIMARY CHARGES								
		11	Staff	11 700	11 700	21 280	21 280	26 600	26 600	—	—
		13	Missions and duty travel	32 000	32 000	31 920	31 920	85 120	85 120	18 500	18 500
		22	Movable property and incidental expenditure	—	—	—	—	—	—	2 000	1 400
		23	Recurring administrative expenditure	—	—	—	—	—	—	5 000	3 500
		25	Formal and other meetings	—	—	—	—	—	—	—	—
		30	Technical operating expenditure	262 732	183 900	734 160	513 900	790 552	553 350	6 420	4 500
		40	Investment	—	—	42 560	29 800	44 688	31 300	—	—
		50	Contracts	—	—	42 560	29 800	10 640	7 450	—	—
			SECONDARY CHARGES								
		91	Staff	3 517 482	3 517 482	10 038 728	10 038 728	9 301 018	9 301 018	930 220	930 220
			USES — TOTAL	3 823 914	3 745 082	10 911 208	10 665 428	10 258 618	10 004 838	962 140	958 120

APPROPRIATION ACCOUNT — SCIENTIFIC DIVISIONS *(cont'd)*

(in u.a.)

Resources				Article 1.50.2 *Department A — JRC Ispra*		Article 1.50.3 *Department B — JRC Ispra*		Article 1.50.4 *Department C — JRC Ispra*		Article 1.50.1 *Project management — JRC Ispra*	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.50	95									
			Research objectives								
			2.10.1 — Reactor safety	733 882	718 753	6 398 776	6 254 641	1 253 831	1 222 814	148 022	147 403
			2.10.2 — Plutonium fuels and actinide research	—	—	73 974	72 308	189 974	185 275	—	—
			2.10.3 — Nuclear materials and radioactive waste management	77 251	75 658	221 923	216 924	2 051 724	2 000 968	74 011	73 702
			2.20.1 — Solar energy	115 876	113 487	591 794	578 464	569 923	555 824	74 011	73 702
			2.20.2 — Hydrogen	77 251	75 658	961 666	940 004	797 893	778 154	74 011	73 702
			2.20.3 — High-temperature materials	—	—	—	—	—	—	—	—
			2.20.4 — Conceptual design studies on thermonuclear fusion reactors	231 752	226 975	221 923	216 924	645 913	629 934	74 011	73 702
			2.30.0 — Environment and resources	502 130	491 778	1 035 640	1 012 312	2 507 662	2 445 627	148 022	147 403
			2.40.0 — Measurements, standards and reference techniques (METRE)	115 876	113 487	924 679	903 850	721 903	704 044	296 043	294 806
			2.50.1 — Data processing	1 274 638	1 248 361	110 961	108 462	—	—	74 011	73 702
			2.50.2 — Training	38 625	37 829	73 974	72 308	75 990	74 110	—	—
			2.50.3 — Supervision of fissile materials	154 502	151 316	295 897	289 232	1 443 805	1 408 088	—	—
			4.10.0 — Operation of HFR reactor	—	—	—	—	—	—	—	—
			Appropriation account								
			1.92.0 — Technical assessments in support of certain Commission activities	502 130	491 778	—	—	—	—	—	—
			RESOURCES — TOTAL	3 823 914	3 745 080	10 911 207	10 665 429	10 258 618	10 004 838	962 142	958 122

APPROPRIATION ACCOUNT — SCIENTIFIC DIVISIONS *(cont'd)*

(in u.a.)

Uses				Article 1.50.5 *JRC, CBNM (Geel)*		Article 1.50.6 *JRC Karlsruhe*		Article 1.50.7 *JRC Petten*		CHAPTER 1.50 — TOTAL	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.50		*(cont'd)*								
			PRIMARY CHARGES								
		11	Staff	21 000	21 000	2 000	2 000	10 300	10 300	92 880	92 880
		13	Missions and duty travel	26 000	26 000	2 000	2 000	—	—	195 540	195 540
		22	Movable property and incidental expenditure	—	—	—	—	—	—	2 000	1 400
		23	Recurring administrative expenditure	—	—	—	—	—	—	5 000	3 500
		25	Formal and other meetings	24 000	24 000	—	—	—	—	24 000	24 000
		30	Technical operating expenditure	67 720	47 400	125 794	88 100	25 750	23 200	2 013 128	1 414 350
		40	Investment	—	—	—	—	—	—	87 248	61 100
		50	Contracts	10 000	7 000	—	—	—	—	63 200	44 250
			SECONDARY CHARGES								
		91	Staff	3 338 837	3 338 837	3 312 744	3 312 744	2 741 511	2 741 511	33 180 540	33 180 540
			USES — TOTAL	3 487 557	3 464 237	3 442 538	3 404 844	2 777 561	2 775 011	35 663 536	35 017 560

APPROPRIATION ACCOUNT — SCIENTIFIC DIVISIONS *(cont'd)*

Title	Chapter	Article	Cat.	Remarks on Chapter 1.50
1	1.50			*(cont'd)*
			11	This appropriation covers expenditure in respect of overtime, bonuses and various allowances.
			30	*1.50.2 — Department A — JRC Ispra* This appropriation covers expenditure on maintenance and renewal of basic equipment in the scientific laboratories of Department A (graphics laboratory, scientific divisions, ESIS/INDAC laboratory). *1.50.3 — Department B — JRC Ispra* This appropriation covers expenditure on maintenance and renewal of basic equipment in the scientific laboratories of Department B (heat transfer, electronics, general design office, applied mechanics, process engineering). *1.50.4 — Department C — JRC Ispra* This appropriation covers expenditure on maintenance and renewal of basic equipment in the scientific laboratories of Department C (chemistry, physics, materials). *1.50.5 — Scientific divisions — JRC Geel* This appropriation covers recurring technical operating expenditure, materials, equipment and equipment maintenance. *1.50.6 — Scientific divisions — JRC Karlsruhe* This appropriation covers recurring technical operating expenditure, materials, equipment and equipment maintenance. *1.50.7 — Scientific divisions — JRC Petten* This appropriation covers expenditure on equipment maintenance.
			91	This appropriation covers expenditure in respect of: *Officials* — 1.50.2 — Scientific division, Department A 111 — 1.50.3 — Scientific division, Department B 373 — 1.50.4 — Scientific division, Department C 341 — 1.50.1 — Project management 23 — 1.50.5 — Scientific division, Geel 113 — 1.50.6 — Scientific division, Karlsruhe 119 — 1.50.7 — Scientific division, Petten 95

APPROPRIATION ACCOUNT — SCIENTIFIC DIVISIONS *(cont'd)*

(in u.a.)

Resources				Article 1.50.5 *JRC, CBNM (Geel)*		Article 1.50.6 *JRC Karlsruhe*		Article 1.50.7 *JRC Petten*		CHAPTER 1.50 — TOTAL	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.50	95									
			Research objectives								
			2.10.1 — Reactor safety	—	—	57 858	57 224	—	—	8 592 369	8 400 835
			2.10.2 — Plutonium fuels and actinide research	—	—	3 297 894	3 261 783	—	—	3 561 842	3 519 366
			2.10.3 — Nuclear materials and radioactive waste management	—	—	28 929	28 612	—	—	2 453 838	2 395 864
			2.20.1 — Solar energy	—	—	—	—	—	—	1 351 604	1 321 477
			2.20.2 — Hydrogen	—	—	—	—	—	—	1 910 821	1 867 518
			2.20.3 — High-temperature materials	—	—	—	—	1 111 024	1 110 004	1 111 024	1 110 004
			2.20.4 — Conceptual design studies on thermonuclear fusion reactors	—	—	—	—	—	—	1 173 599	1 147 535
			2.30.0 — Environment and resources	—	—	—	—	—	—	4 193 454	4 097 120
			2.40.0 — Measurements, standards and reference techniques (METRE)	3 455 557	3 432 237	—	—	401 203	400 835	5 915 261	5 849 259
			2.50.1 — Data processing	—	—	—	—	—	—	1 459 610	1 430 525
			2.50.2 — Training	—	—	—	—	—	—	188 589	184 247
			2.50.3 — Supervision of fissile materials	—	—	57 858	57 224	—	—	1 952 062	1 905 860
			2.50.4 — Operation of HFR reactor	—	—	—	—	1 265 333	1 264 172	1 265 333	1 264 172
			Appropriation accounts								
			1.92.0 — Technical assessments in support of certain Commission activities	—	—	—	—	—	—	502 130	491 778
			1.94.0 — Other contracts for services on behalf of outside bodies and individuals (JRC)	32 000	32 000	—	—	—	—	32 000	32 000
			RESOURCES — TOTAL	3 487 557	3 464 237	3 442 539	3 404 843	2 777 560	2 775 011	35 663 536	35 017 560

Remarks on Chapter 1.50

The resources in the appropriation accounts for scientific divisions cover the use, estimated on the basis of the research objectives and other appropriation accounts, of the men/year assigned to research.

APPROPRIATION ACCOUNT — INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (INDIRECT ACTION)

(in u.a.)

Uses				Article 1.80.0 *BR-2 reactor staff*		Article 1.80.1 *Staff of former associations concerned with advanced reactors*		Article 1.80.2 *Staff of a former association in the biology field*	
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment
1	1.80		PRIMARY CHARGES						
		11	Staff	12 000	12 000	—	—	—	—
		13	Missions and duty travel	7 000	7 000	—	—	—	—
		22	Movable property and incidental expenditure	—	—	—	—	—	—
		23	Recurring administrative expenditure	—	—	—	—	—	—
		25	Formal and other meetings	—	—	—	—	—	—
			SECONDARY CHARGES						
		91	Staff	979 200	979 200	1 190 400	1 190 400	93 600	93 600
			USES — TOTAL	998 200	998 200	1 190 400	1 190 400	93 600	93 600

APPROPRIATION ACCOUNT — INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (INDIRECT ACTION) *(cont'd)*

Title	Chapter	Article	Cat.	Remarks	
1	1.80	1.80.0		The Commission has placed 30 of its staff, as experts, at the disposal of the Belgian Centre d'études nucléaires (CEN) for the operation of the BR-2 reactor and its ancillary installations. In return, the Belgian Government is reimbursing to the Commission the expenditure incurred in respect of the staff in question under the arrangements concluded on the subject.	
			91	The appropriations to cover expenditure in respect of this staff have been estimated as follows:	u.a.
				— 8 category A staff at 42 800 u.a. — 20 category B staff at 26 100 u.a. — 2 category C staff at 15 900 u.a.	896 200
				The following amounts must be added to the amount of 896 200 u.a. to cover any increases in remuneration during 1977:	
				— 8 category A staff at 4 000 u.a. — 20 category B staff at 2 400 u.a. — 2 category C staff at 1 500 u.a.	83 000
				Total	979 200
		1.80.1		The Commission has placed 27 of its staff at the disposal of the following former associations in the field of advanced reactors: — Gesellschaft für Kernforschung (GfK), — Syndicat luxembourgeois pour l'industrie nucléaire (Luxatom), — Commissariat à l'énergie atomique (CEA), — Comitato nazionale per l'energia nucleare (CNEN). The agreements concluded between these bodies and Euratom provide that the former shall reimburse the charges relating to the salaries and allowances paid by the Commission to its staff in question.	
			91	The appropriations to cover expenditure in respect of this staff have been estimated as follows:	u.a.
				— 23 category A staff at 42 800 u.a. — 4 category B staff at 26 100 u.a.	1 088 800
				The following amounts must be added to the amount of 1 088 800 u.a. to cover any increases in remuneration during 1977:	
				— 23 category A staff at 4 000 u.a. — 4 category B staff at 2 400 u.a.	101 600
				Total	1 190 400
		1.80.2		The Commission has placed two of its staff at the disposal of the former 'ITAL' association in the field of biology, against reimbursement of the relevant expenditure, estimated as follows:	u.a.
			91	— 2 category A staff at 42 800 u.a.	85 600
				The following amounts must be added to this amount of 85 600 u.a. to cover any increases in remuneration during 1977:	
				— 2 category A staff at 4 000 u.a.	8 000
				Total	93 600

APPROPRIATION ACCOUNT — INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (INDIRECT ACTION) *(cont'd)*

(in u.a.)

Resources				Article 1.80.0 *BR-2 reactor staff*		Article 1.80.1 *Staff of former associations concerned with advanced reactors*		Article 1.80.2 *Staff of a former association in the biology field*	
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	Commitments	Payments
1	1.80		*(cont'd)*						
		99	Repayment by Belgian Government	998 200	998 200	—	—	—	—
		99	Repayment by national bodies	—	—	1 190 400	1 190 400	—	—
		99	Repayment by a former association	—	—	—	—	93 600	93 600
RESOURCES — TOTAL				998 200	998 200	1 190 400	1 190 400	93 600	93 600

APPROPRIATION ACCOUNT — SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (INDIRECT ACTION)

(in u.a.)

Uses				Article 1.81.0 *Sweden/Euratom fusion contract*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.81		PRIMARY CHARGES			
		50	Contracts	token entry	token entry	This appropriation account lists as 'uses' the commitments and payments relating to the Community's financial participation in Swedish involvement in thermonuclear fusion, i.e. expenditure arising from association contracts or other existing or future contracts between the Commission and the National Swedish Board for Energy Source Development and other Swedish bodies under the Cooperation Agreement of 10 May 1976 between Sweden and Euratom.
			USES — TOTAL	token entry	token entry	

APPROPRIATION ACCOUNT — SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (INDIRECT ACTION) *(cont'd)*

(in u.a.)

Resources				Article 1.81.0 *Sweden/Euratom fusion contract*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.81		*(cont'd)*			
		99	Repayment by the Swedish Government	token entry	token entry	Resources consist of contributions by the Swedish Government under the Cooperation Agreement of 10 May 1976 between Sweden and Euratom in the field of controlled thermonuclear fusion and plasma physics.
			RESOURCES — TOTAL	token entry	token entry	

APPROPRIATION ACCOUNT — SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (INDIRECT ACTION) *(cont'd)*

(in u.a.)

Uses				Article 1.81.1 *Switzerland/Euratom fusion contract*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.81		*(cont'd)*			
			PRIMARY CHARGES			
		50	Contracts	token entry	token entry	This appropriation account lists as 'uses' the commitments and payments relating to the Community's financial participation in Swiss involvement in thermonuclear fusion, i.e. expenditure arising from association contracts or other future contracts between the Commission and the Swiss Government and other Swiss organizations under the Cooperation Agreement between Switzerland and Euratom.
			USES — TOTAL	token entry	token entry	

APPROPRIATION ACCOUNT — SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (INDIRECT ACTION) *(cont'd)*

(in u.a.)

Resources				Article 1.81.1 *Switzerland/Euratom fusion contract*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.81		*(cont'd)*			
		99	Repayment by the Swiss Government	token entry	token entry	Resources consist of contributions by the Swiss Government under the Cooperation Agreement between Switzerland and Euratom in the field of controlled thermonuclear fusion and plasma physics.
RESOURCES — TOTAL				token entry	token entry	

APPROPRIATION ACCOUNT — INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (JRC)

(in u.a.)

Uses				Article 1.90.0 *Essor reactor staff and installations — Ispra*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.90		PRIMARY CHARGES			The placing of the Essor reactor at the disposal of the Italian Government is covered by a contract with the latter. The opinion of the Reactor Management Committee in respect of the expenditure estimates for 1977 has not yet been delivered.
		11	Staff	token entry	token entry	
		13	Missions and duty travel			
		14	Welfare and further training of staff			
		21	Immovable property and incidental expenditure			
		22	Movable property and incidental expenditure			
		23	Recurring administrative expenditure			
		24	Entertainment and representation expenditure			
		25	Formal and other meetings			
		26	Studies, surveys and consultancy			
		27	Publication and information			
		30	Technical operating expenditure			
		40	Investment			
		50	Contracts			
			SECONDARY CHARGES			
		91	Staff	5 560 513	5 560 513	This appropriation covers expenditure in respect of 219 officials. It also includes a provisional amount of 670 000 u.a. to cover any increases which may be decided on in 1977.
		92	Use of infrastructure	2 700 000	2 500 000	This amount covers the contribution towards the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	552 525	520 917	This appropriation covers the use of the Computer Centre 1.30.2 (about 170 computing hours), use of the workshop 1.30.3 (about 22 000 machine hours) and use of about 5 % of the medium-activity laboratory capacity, corresponding on average to the use of 13 men/year in the scientific or technical support units.
			USES — TOTAL	8 813 038	8 581 430	

APPROPRIATION ACCOUNT — INSTALLATIONS AND/OR STAFF PLACED AT THE DISPOSAL OF OUTSIDE BODIES OR INDIVIDUALS PURSUANT TO ARTICLE 6 (c) OF THE EURATOM TREATY (JRC) *(cont'd)*

(in u.a.)

Resources				Article 1.90.0 *Essor reactor staff and installations — Ispra*		Remarks
Title	Chapter	Cat.	Heading	Appropriations for commitment	Appropriations for payment	
1	1.90		*(cont'd)*			
		99	Repayment by the Italian Government	8 813 038	8 581 430	
RESOURCES — TOTAL				8 813 038	8 581 430	

APPROPRIATION ACCOUNT — SERVICES PERFORMED BY THE JRC ON BEHALF OF RESEARCH AND INVESTMENT (INDIRECT ACTION)

(in u.a.)

Uses				Article 1.91.1 *Biology and health protection — Radiation protection (Chapter 3.30)*		Article 1.91.2 *Reference materials and methods (CBR) (Chapter 3.51)*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	
1	1.91							
			PRIMARY CHARGES					
		30	Technical operating expenditure	—	—	token entry	token entry	
		50	Contracts	—	—	—	—	
			SECONDARY CHARGES					
		92	Use of infrastructure	255 000	255 000	—	—	This appropriation covers the flat-rate contribution towards the financing of the general services of the Ispra establishment.
		93	Use of scientific and technical support	token entry	token entry	—	—	
			USES — TOTAL	255 000	255 000	token entry	token entry	

APPROPRIATION ACCOUNT — SERVICES PERFORMED BY THE JRC ON BEHALF OF RESEARCH AND INVESTMENT (INDIRECT ACTION) *(cont'd)*

(in u.a.)

Resources				Article 1.91.1 *Biology and health protection — Radiation protection (Chapter 3.30)*		Article 1.91.2 *Reference materials and methods (CBR) (Chapter 3.51)*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	
1	1.91		*(cont'd)*					
		99	Repayment from Chapter 3.30	255 000	255 000	—	—	
		99	Repayment from Chapter 3.51	—	—	token entry	token entry	
			RESOURCES — TOTAL	255 000	255 000	token entry	token entry	

APPROPRIATION ACCOUNT — SERVICES PERFORMED BY THE JRC ON BEHALF OF OTHER COMMISSION DEPARTMENTS (EXCLUDING RESEARCH AND INVESTMENT INDIRECT ACTION)

(in u.a.)

Uses				Article 1.92.0 *Technical assessments in support of certain Commission departments*		Article 1.92.1 *Services performed by the JRC for the Safeguards Directorate*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	Appropriations for commitment	Appropriations for payment	
1	1.92		PRIMARY CHARGES					
		13	Missions and duty travel	4 000	4 000			
		30	Technical operating expenditure	10 240	10 239			This appropriation covers recurring technical operating expenditure.
		50	Contracts	23 000	23 000			This appropriation covers two research contracts: — a study on the energy system: 15 000 — a study on renewable resources: 8 000
			SECONDARY CHARGES			token entry	token entry	
		92	Use of infrastructure	256 863	270 239			This amount covers the contribution towards the financing of the general infrastructure (general services and overheads).
		93	Use of scientific and technical support	33 768	30 743			This appropriation covers the use of the Computer Centre 1.30.2 (about 38 computing hours).
		95	Use of scientific divisions	502 130	491 778			This appropriation covers expenditure in respect of 13 men/year assigned to research.
			USES — TOTAL	830 000	830 000	token entry	token entry	

APPROPRIATION ACCOUNT — SERVICES PERFORMED BY THE JRC ON BEHALF OF OTHER COMMISSION DEPARTMENTS (EXCLUDING RESEARCH AND INVESTMENT INDIRECT ACTION) *(cont'd)*

(in u.a.)

Resources				Article 1.92.0 *Technical assessments in support of certain Commission departments*		Article 1.92.1 *Services performed by the JRC for the Safeguards Directorate*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	Commitments	Payments	
1	1.92		*(cont'd)*					
		99	Proceeds of services performed on behalf of outside bodies and individuals	830 000	830 000	token entry	token entry	Resources in this appropriation account originate from Article 394 of Section III of the budget of the European Communities. The Directorates-General concerned are the following; — DG III (Industrial and Technological affairs), — DG V (Social Affairs), — DG VII (Transport), — DG XII (Research, Science and Education), — DG XVII (Energy and Euratom Safeguards).
RESOURCES — TOTAL				830 000	830 000	token entry	token entry	

APPROPRIATION ACCOUNT — OTHER CONTRACTS FOR SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (JRC)

(in u.a.)

Uses				Article 1.94.0 *Other contracts for services on behalf of outside bodies and individuals (JRC)*		Remarks
Title	Chapter	Cat.	Breakdown by class of expenditure Heading	Appropriations for commitment	Appropriations for payment	
1	1.94					
			PRIMARY CHARGES			
		22	Movable property and incidental expenditure	5 000	5 000	This expenditure is covered by revenue accruing mainly from Eurocopi and training courses.
		24	Entertainment and representation expenditure	5 000	5 000	
		25	Formal and other meetings	21 920	21 920	
		27	Publication and information	21 280	21 280	
			SECONDARY CHARGES			
		92	Use of infrastructure	190 000	190 000	This amount concerns the use of Ispra welfare facilities by outside bodies and individuals.
		93	Use of scientific and technical support	293 246	266 981	This amount covers the use of the Computer Centre (1.30.2) by outside bodies and individuals (about 300 computing hours).
		94	Use of major installations	206 000	206 000	This amount covers the use of the HFR reactor by outside bodies and individuals.
		95	Use of scientific divisions	32 000	32 000	This amount corresponds to revenue from analyses made by the CBNM (Geel) for outside bodies and individuals.
			USES — TOTAL	774 446	748 181	

APPROPRIATION ACCOUNT — OTHER CONTRACTS FOR SERVICES ON BEHALF OF OUTSIDE BODIES AND INDIVIDUALS (JRC) *(cont'd)*

(in u.a.)

Resources				Article 1.94.0 *Other contracts for services on behalf of outside bodies and individuals (JRC)*		Remarks
Title	Chapter	Cat.	Heading	Commitments	Payments	
1	1.94		*(cont'd)*			
		99	Proceeds of services performed on behalf of outside bodies and individuals	774 446	748 181	
			RESOURCES — TOTAL	774 446	748 181	

COUNCIL DECISION

authorizing the Commission to make certain transfers

For the purpose of administering the statement of expenditure relating to research and investment activities for 1977, the Council hereby authorizes the Commission, in accordance with Article 103 (1) of the Financial Regulation applicable to the budget of the European Communities, to use its discretion, as the need arises, with regard to making the following transfers:

Transfers between chapters resulting from the structure of the functional budget

The Commission shall use its own discretion with regard to making transfers between chapters within programmes governed by the same scale of financing where the necessity for making such transfers arises from discrepancies between the initial budgetary authorizations and the proven needs.

Such transfers shall not have the effect of increasing or reducing by more than 7 %, as to appropriations for commitment and appropriations for payment, the appropriation originally entered in each chapter.

However, such transfers shall not have the effect of exceeding the overall financial ceiling of the programmes adopted.