

25th January, 1961

NI/GP/61/1

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE

GENERAL PURPOSES COMMITTEE

GENERAL FINANCIAL STATEMENT

Note by the Secretary

1. Financial Forecast 1960/61 - Schedule I

The latest forecast of expenditure for the current year compared with the Treasury grant.

2. New Commitments - Schedule II

The schedule of commitments entered into since the last statement.

3. Schemes costing over £100,000 - Schedule III

A summary of the present position on each major scheme.

4. Estimates 1961/62 - Schedule IV

A summary of the estimates submitted to the Treasury compared with paper NI/GP/60/36.

5. First Accounts of the National Institute - Schedule V

A copy of the first accounts of the Institute in the form directed by the Treasury.

CAPITAL1. NIMROD PROJECT2. BUILDINGS

- (a) Phase II
 (b) Phase III
 (c) Other Major Schemes
 (d) Minor Schemes
 (e) Hostels, Houses and Flats

3. PLANT

- (a) Nimrod Spares
 (b) Other Nimrod Plant
 (c) P.L.A. Plant
 (d) Other Major Schemes - R.H.E.L.
 (e) Minor Capital Items - R.H.E.L.

4. RESEARCH REACTORSNON-CAPITAL

1. Salaries & Wages
 2. Travelling Expenses
 3. E.M.R.
 4. Preparation for Experiments by Universities
 5. Direct Materials & Services etc.
 6. Services by A.E.R.E.
 7. Hostels, Houses & Flats expenses
 9. Housing Loans

DEDUCT Receipts from Hostels, Houses & Flats

TOTAL

	Allocation of Treasury Grant £000	Latest Forecast £000	Plant Buildings Total	Grant 500 2,554 3,054	Forecast 603 1,847 2,450
	3,054	2,450			
	230	148			
	70	49			
	170	107			
	30	60			
	20	4			
	80	25			
	516	156			
	175	40			
	99	-			
	55	55			
	1	-			
	4,500	3,094			
	141	131			
	20	15			
	40	20			
	25	12			
	245	175			
	1,267	1,203			
	7	3			
	5	2			
	1,750	1,561			
	4	1			
	1,746	1,560			
	6,246	4,654			

} Decrease in overheads and interest £168,000
 and increase in workshops etc. £104,000.

NEW COMMITMENTS VALUED £1,000 AND OVER, FOR THE PERIOD
17th SEPTEMBER, 1960, TO 7th JANUARY, 1961, NOT SHOWN ON THE

RETURN OF NIMROD PROJECT

<u>CAPITAL BUILDINGS</u>	<u>VALUE</u> £	<u>FIRM ETC.</u>	<u>REMARKS</u>
SCHEMES	20,000	Southern Works Organisation	Sub-Station adjoining Hydrogen Bubble Chamber. NI/GP/60/42.
	85,000	"	Rutherford Laboratory Restaurant. NI/GP/60/23.
	70,000	"	Direct Purchase of 25 Houses. NI/GP/60/40.
	1,500		Increase in Cost of Liquid Hydrogen Target Building.
	35,000	"	Increase in Cost of Hydrogen Bubble Chamber Services. NI/GP/60/42.
	14,000		Increase in Cost of Phase II Buildings - C.V.C. increase.

PLANT

NIMROD PLANT

Spares for A.E.I. Pulse

Modulator	1,252	A.E.I.	Nimrod Plant Spares
Pressure Pads	1,743	Silvertown Rubber Co.	"
Magnet Coil Spares	3,454	Metro Vickers	"
Complete Busbar System	2,020	B.I.C.C. Limited	Hydrogen Bubble Chamber Services
Bubble Chamber Body	7,150	Firth Vickers Stainless Steels	Heavy Liquid Bubble Chamber
Pressure Vessel	3,760	W. Beardmore & Co. Ltd.	"
Stainless Steel Plate	5,521	Newburgh Engineering Co.	Beam Handling Plant
500 KV Electro-Static Generator	6,485	S.A.M.E.S.	"
Plunging Mechanism	25,000	Towler Bros. (Patents) Ltd.	" (NI/GP/60/44).
Pole Piece Jacks	1,242	J. W. Roberts Ltd.	
Dual Beam Oscilloscope	1,247	Livingstone Laboratories Ltd.	
Capacitors 20 KV. 10 MT.	2,193	B.I.C.C. Ltd.	
"Remscope" Oscilloscope	1,003	Cawke Research & Electronics Ltd.,	
Tektronic Oscilloscope	1,018	Livingstone Laboratories Ltd.,	

P.L.A. PLANT

Mass Spectrometer Leak Detector	1,750	20th Century Electronics
Argon High Vacuum Pumps	7,050	Livingstone Laboratories Ltd.,

Electro-Static Generator

Pump and Starter	1,242	Pulsometer Eng. Co.
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SCHEDULE II

(Contd.)

Minor Capital Schemes - R.H.E.L.

Saloon Cars - Ford	1,966
" " - Austin	1,140
Bedford Lorry - 4 ton	1,000
Rotary Head Milling Machine	5,904
Universal Milling Machine	4,682
Mobile Crane 6-ton	4,750

Hartwells Motors, Oxford.

"

Gt. Western Motors

E. H. Jones (Mach. Tools) Ltd.

Stanhope Mach. Tools

Brit. Hoist & Crane Co.

Non-Capital

Electronic valves	1,000
Services of Design Staff	5,000
Prototype bellows diaphragm	3,850
Liquid Nitrogen	7,500
Concrete Shielding Blocks	2,629
Grinding of Glass Insulators	1,000
Polishing of Accelerator Electrodes	1,000

M. O. Valve Co.

D. Napier & Sons Ltd.,

Palatin (Surbiton) Ltd.

British Oxygen Gases Ltd.

Cowley Concrete Co.

Gooch & Housego Ltd.

Harris Plating Works.

SCHEDULE III

Schemes Costing over £100,000
for which G.P.C. approval has been given

	Original Amount shown in Estimates	Initial Request to Treasury	Latest Treasury Approval	Latest Estimate of Cost
	£000	£000	£000	£000
Nimrod Project	6,900	6,900	10,671	10,671
Phase II Buildings	380	380	389	389
Hydrogen Bubble Chamber Services	250	250	290	290
Heavy Liquid Bubble Chamber	300	420	420	420
Beam Handling Plant for Nimrod	1,000	1,000	1,000	1,000 (3 years)
Orion Computer	280	400	400	400
P.L.A. Radiochemical Lab. & Offices	115	230	230	230
Houses at Rush Common	60	118	118	(Scheme under reconsi- deration)
Arccon Building Extension - "Heavy" Laboratories	75	140		140

SCHEDULE IV

ESTIMATES - 1961/62

1. The Estimates 1961/62 (paper NI/GP/60/36), which were approved by the Committee at the last meeting, have now been sent to Treasury after a few minor corrections and after deletion of the second site.
2. The shadow cut of £430,000 was increased to £830,000 and the different form of presentation for Treasury purposes has resulted in a transfer of approximately £200,000 from capital to non-capital.
3. A summary of the position is as follows:-

	<u>Submitted to Treasury</u>	<u>Paper NI/GP/60/36</u>
	<u>£000</u>	<u>£000</u>
Non-Capital	2,493	2,298
Capital	4,548	4,757
	<u>7,041</u>	<u>7,055</u>
Shadow Cut	830	-
	<u>6,211</u>	<u>7,055</u>
Amounts Recoverable	66	66
	<u>6,145</u>	<u>6,989</u>

SCHEDULE V

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE

Revenue Account for the period ended 31st March 1960

(including expenditure incurred prior to 23rd June 1958 - date of incorporation)

	<u>£</u>		<u>£</u>
Salaries & Wages	44,567	Grant from the U.K.A.E.A. to meet Recurrent Expenditure	2,205,138
Employers' Superannuation Contributions	2,836	Miscellaneous Income	90
Employers' National Insurance Contributions	801		
Travel and Subsistence Expenses	5,959		
Materials and Services	534		
Research and Development by Universities and Industry	5,917		
Hostel Expenses	230		
Miscellaneous Expenses	2,268		
Supplies and Services by the U.K.A.E.A.	2,142,116		
	<u>£2,205,228</u>		<u>£2,205,228</u>

Capital Account as at 31st March 1960

<u>Capital Grant Account</u>		<u>Assets at cost</u>	
As at 23rd June 1958	532,969	Land and Buildings	2,221,659
Add Grant from the U.K.A.E.A. to meet Capital Expenditure	3,912,316	Plant and Machinery, Ancillary Installations and Motor Vehicles	656,376
Transfer of assets at valuation from the U.K.A.E.A.	1,000,419	Loose Apparatus, Tools, Furniture, Fittings, and Office Machinery	21,825
			<u>2,899,860</u>
		Assets in course of construction	2,545,844
	<u>£5,445,704</u>		<u>£5,445,704</u>

NOTE:

Capital Expenditure authorised but not provided for in these Accounts amounted to £6,672,948 of which £3,332,446 has been committed contractually.

Rutherford High Energy Laboratory,
Harwell.

Circulation: To Members of the G.P.C. and
to Members of the Governing Board for
information.