

22nd September, 1961

NI/GP/61/44

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE

GENERAL PURPOSES COMMITTEE

Staff Complement for the Rutherford Laboratory

Note by T. G. Pickavance

The present approved complement for the Rutherford Laboratory is 826. The complement approved by the Committee at its meeting of 7th October, 1960, (reference paper NI/GP/60/37) was 672: this was increased to 826 by the Personnel Committee at its meeting of 24th May, 1961, (paper NI/P/61/6). Twenty-five of the additional posts were to provide for certain engineering functions then being taken over from the A.E.R.E.

Recent forecasts of staff requirements up to the period when Nimrod comes into full operation have indicated that as far as can be foreseen at present, we should require a total staff at the Rutherford Laboratory of 1,000 to be recruited by progression as follows:

1962-63	880
1963-64	950
1964-65	1,000

In view of the Treasury's requirement for economies in the Institute's programme, it was agreed by the Board (at its Special Meeting on 18th September) that the aim should be to work to figures reduced by 5%, i.e.:

1962-63	835
1963-64	900
1964-65	950

These figures are for staff required and expected to be in post at the end of the year; the complement should exceed the figure of staff in post, to allow recruitment to proceed for the replacement of anticipated wastage and to provide places for the scarce professional staff (particularly physicists) whom we require whenever we can recruit them, but do not expect to recruit quickly. Making an additional allowance for this purpose, the appropriate complement figures would be:

1962-63	855
1963-64	920
1964-65	960

Appendix I attached hereto shows the allocation of the current complement between the groups, the present staff in post by groups, and the approximate allocation for 1962-63.

There are certain services for the Rutherford Laboratory (additional to those referred to in paragraph 1) which it may be necessary for the Institute to carry out with their own staff, but about which no decision has yet been taken. These include the Restaurant (which will require a total staff of

about 20 including part-time workers), Hostel and grounds and at a later date, perhaps, Contracts. No provision has been made for these within the proposed complement, but a figure has been shown in the Table, below the line, to account for them.

Provision must be made also for the staff of the Atlas Computer Laboratory (now approved) and for the Electron Laboratory for which it is hoped approval will be given shortly.

It is expected that the Atlas Computer Laboratory will draw largely upon the Rutherford Laboratory for its administrative and general maintenance services and upon Ferranti's for the servicing of the Computer. Nevertheless, it is expected that it will require a staff of 50 when fully operative: of these, 15 would be recruited during 1962-63.

For the Electron Laboratory a final total complement of 250 is at present foreseen. If the scheme is approved but deferred until 1962-63, the requirement for 1962-63 would be 40.

The proposed complements of the three Laboratories for 1962-63 and the estimated requirements up to 1965-66 are shown in summary in Appendix II.

The Board is invited:

- (a) to approve complements of 855 for the Rutherford Laboratory, 15 for the Atlas Laboratory and 40 for the Electron Laboratory (subject to Treasury approval of this scheme) for 1962-63;
- (b) to note the approximate expected breakdown of the proposed 1962-63 complement (Appendix I);
- (c) to note the expected future requirements for complements for the three Laboratories in the period up to 1965-66 (Appendix II);
- (d) to note that there may be a requirement for 35 additional complement places in 1962-63 (and subsequent years) to provide for new services.

Rutherford High Energy Laboratory,
H A R W E L L.

APPENDIX I

		Approved Complement 1961-62	Staff in Post 1.9.1961	Approximate Allocation 1962-63
Director and Non Group Staff	2P 1E 1A	4	4	4
Accelerator Research	P	21	18	23
Electrostatic Generator	P	16	14	18
Nimrod - Injector	P	29	25	29
- R.F.	P	27	25	27
- Vacuum	P	20	17	21
- Magnet	P	41	36	42
- Bubble Chamber	P	12	10	16
Central Engineering - Design - Services	E E	} 221	58 142	221
Supply Group	E	32	23	32
Electronics	P	10	1	14
Nimrod Operations - Physics - Engineering	P E	5 67	- 47	8 67
Nimrod Nuclear Physics	P	11	6	15
Proton Linear Accelerator - Nuclear Physics - Accelerator Physics - Engineering	P P E	} 46 60	} 39 49	} 51 60
Radiation Protection	P	7	7	9
Secretariat - Finance - Administration - Scientific Administration	A A A	} 125	} 95	} 130
Theoretical Physics	P	20	11	22
Miscellaneous (including Training)		12	4	10
Reserves		33	-	36
Scientific		277	208	297
Engineering		398	320	401
Administration		126	96	131
Unallocated		25	7	26
GRAND TOTALS		826	631	855

Additional functions that may have to
be assumed by the Institute

Administration : Grounds and Hostels
Restaurant
Contracts

- - 15
- - 20
- - -

Complement Summary 1962-1966

	<u>1962-63</u>	<u>1963-64</u>	<u>1964-65</u>	<u>1965-66</u>
Rutherford Laboratory	855	920	960	960
Atlas Laboratory	15	30	45	50
Electron Laboratory	40	120	180	200
TOTAL	<u>910</u>	<u>1,070</u>	<u>1,185</u>	<u>1,210</u>

Possible additional commitments

Restaurant	20	20	20	20
Hostel and Grounds	15	17	17	17
Contracts		20	20	20
	<u>35</u>	<u>57</u>	<u>57</u>	<u>57</u>