

DEPARTMENT OF ENGINEERING SCIENCE

When it was first set up the Department of Engineering Science was organised on the basis of the Applied Physics Division programme operating at that time and in consequence a large proportion of its effort was directed towards the HFBC project which had been estimated to cost over £3M and require a total staff of over 60. This project has subsequently been dropped from the 5 year forward look of the Laboratory and some redeployment of RHEL staff and reduction in Contract effort was started when approval of this project was held up last year. However it is now opportune to reorganise the department and redeploy staff where necessary on other work, such as the NBRU which recently received Council approval.

STRUCTURE

The revised structure is shown on the attached sheet and shows a Research and Materials Section under B Colyer, a Project Section in which projects taken on for other Divisions will be carried out with R N Walker as one of the Project Leaders and acting as the senior engineer for general organisational matters and a General Engineering and Electrical Section under A G Ashburn which includes the Design Office under R B Hopes and Ken Quinton's workshop.

PROJECT SECTION

As Projects arise they will be given to one of the engineers in the Projects Section who where necessary will be assisted by other engineers in the Section and by Design Office staff detached for the duration of the particular Project. The distribution of effort in this Section will depend on the Project loading at any particular time but the present situation is given for information. Any projects of a predominantly electrical nature arising in the future would be led by an appropriate electrical engineer.

THE GENERAL ENGINEERING AND ELECTRICAL SECTION

This section will carry out work arising on the experimental programme of the Applied Physics Division and any work suitable to be handed over from the Project Section. Electrical work such as instrumentation and power supplies clearly comes in this category but some mechanical work can be treated in the same way where it is not essential for it to be done within the Project Section.

RESEARCH & MATERIALS SECTION

The work of this section includes that previously covered in P D Hey's Material Testing programme and the research side of B Colyer's team i.e. heat transfer, cryogenics, stress theory and design study work on refrigeration and energy storage. This Section will also draw on the General Engineering and Electrical Section for support where appropriate.

This new organisation will start to function from the date of this notice but where necessary there will be a transition period to allow a smooth transfer of responsibilities to take place.

M SNOWDEN

21 June 1971

DEPARTMENT OF ENGINEERING SCIENCE

-- M SNOWDEN

GENERAL ENGINEERING & ELECTRICAL

A G Ashburn
N H Cunliffe
J M Dawson
C E Micklewright
J D Wheatley
P J Housego
~~A S Gilby~~
R B Hopes
R Coley
R Q Apsey
~~R N Dutton~~
R D Hambelton
P E Hatton
J S Long
R L S Coleman
S Hancock
P M Lewis
R W Roberts
B G Silcock
R Turner

Workshop

Quinton
Carr
Holliday
Bell*
Ferrie*

RESEARCH & MATERIALS

B Colyer
A J Middleton
R L Bailey
M T Ball
R Wigley
J A Williams
R Luckock

PROJECT ENGINEERING

R N Walker
P D Hey
P T Clee
B R Diplock
B W Edwards
R W Malton
D C Pickles
R S Stovold
J H Swain
W J Tallis
B Mack
R L Roberts
A H Fogg

PRESENT GROUPING OF THE PROJECT SECTION

FROZEN TARGET AND H.E.P. Expt.

R N Walker, E1 (Leader)
D C Pickles E11
B Mack E111
J S Long LD (Attached)
R D Hambelton LD (Attached)

BUBBLE CHAMBERS

J H Swain E11 (Leader)
B R Diplock E11
W J Tallis E11
B W Edwards E11
P E Hatton LD (Attached)
R L S Coleman (Attached)

PULSED MAGNETS

P T Clee E11 (Leader)
R S Stovold E11
R W Malton E11
R L Roberts E111

NEUTRON BEAM APPARATUS

P D Hey E1 (Leader)
+ other posts still to be
determined.

*On loan to DES from EDS

Note: Contract effort not included in this chart