

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE

GOVERNING BOARD

Progress with the Electron Laboratory

Note by A. W. Merrison

1. SITE

Since the last Board meeting we have applied to the Cheshire County Council for outline planning permission for the Daresbury site. Their Planning Committee heard our application on 15th November and will report on it favourably to the Minister for Town and Country Planning. A considerable amount of local opposition was expressed at the meeting of the Planning Committee, and this, unfortunately, has been maintained. We hope soon to meet the local objectors.

2. LABORATORY BUILDINGS

The first exercise undertaken by the Risley Engineering Group has been completed. It is clear that buildings on the scale envisaged by the Board in NI/61/16 would now cost far more than the £1.2 million which had been budgeted, indeed the first Risley estimate was more than £1.7 million. By rather violent pruning we have been able to cut this figure to £1.4 million, but not without the elimination of some buildings which will eventually be necessary. A detailed report on the buildings will be prepared for the Board.

None of the figures in the preceeding paragraph includes any allowances for contingencies.

3. ELECTRON SYNCHROTRON

Good progress has been made on the design of the synchrotron and now all the leading parameters of the machine are settled. A list of these parameters is available.

The first model magnet is complete and will shortly be powered. A 1/10 - scale model of the magnet power supply is under construction. The equipment required for low-power model work on the radio-frequency system has been ordered.

The staff of the Electron Laboratory has increased to 2.

4. ESTIMATES

The first exercise on the estimates has been completed and is the subject of a separate note.