

MR P Bowles.

RLBC/M. 50.

Rutherford Laboratory Building Committee

Minutes of the meeting held in No.4 Conference Room, Building R.1.  
Monday, 4th February, 1963.

Present: Mr. P. Bowles - Chairman  
Mr. G.W. Dixon  
Mr. J.C. Louth  
Mr. A. Miller  
Mr. M. Snowden  
Mr. J.M. Valentine  
Mr. G.N. Venn

In attendance : Mr. K.H. Choate  
Mr. A.L. Cuthbert  
Mr. J. Dawson  
Mr. A.H. Fryer  
Mr. J.A. Goode  
Mr. G. Harbert  
Mr. D.A. Harrison  
Mr. E.J. Jones  
Mr. J.D. Lawson  
Mr. J.A. Nott  
Mr. W.W. Woodall  
Mr. A. Shackleford ) Joint  
Mr. E.W. Young ) Secretaries.

Action

1. Minutes of the previous meeting - RLBC/M.49.

The minutes of the previous meeting, held on 14th January, were accepted, subject to the following correction :-  
Page 3, Minute 11, first line, amend "Mr. Miller" to read "Mr. Mellor".

2. Lecture Theatre.

Mr. Snowden has had a meeting with the Building Research Council on acoustics for the main hall, when reverberation times were found to be satisfactory, but attenuation has yet to be settled.

~~Mr. Choate~~

Mr. Snowden agreed that S.W.O. charges for design work on schemes which were subsequently discarded, were fair and reasonable, but expressed his wish that final details of this scheme be submitted to him for approval before work is commenced.

3. Cooling water Plant for R.25.

~~Mr. Nott~~

Mr. Nott reported that the floor had been laid and tarpaulins hung from the steel framework to provide temporary cover. Mr. Harbert protested that the pump bases had not yet been cast and was most anxious that they should be ready for pump installation by 25.2.63.

4. Propane Receiver.

Mr. Choate has had further discussions with Dr. Hawkyard and it has transpired that further consideration must be given to design of this building. It was agreed that completion would not be required before 31.12.63. Thus it was considered that some further time could be given to deliberations.

5. D.C. Power Supplies for R.25. - P.101.

Mr. Jones presented this paper, which has been circulated, and explained that, of the two alternative proposals described in the paper, Scheme II was preferred because it re-employed existing motor generator sets from R.2. Preparation Area, which, he understood, were no longer needed there. Both Mr. Louth and Mr. Venn protested that this was not the case and assured the meeting that these generators would continue to be required, in the Preparation Area for several years.

The nuisance of noise from rotary machines was mentioned and it was accepted that static rectifiers would prove more acceptable from this aspect. They could, moreover, be housed within the main building. However, Manufacturers estimates for delivery of suitable static equipment are "mid August", and since the current rating of this equipment is beyond the standard production range, it is considered realistic to anticipate development delays. Time scales of this order are not acceptable.

Mr. Dawson The urgent need for heavy current D.C. supply to R.25 was accepted, but the Chairman asked Mr. Dawson to investigate more fully into :-

- (a) Realistic delivery dates for static rectifiers.
- (b) The most suitable locations for static rectifiers.
- (c) The most suitable location for motor-generator sets, bearing in mind possible future needs for further M.G. sets for future experiments.

Mr. Choate and to discuss siting with Mr. Choate so that a decision can be reached within two weeks and firm proposals put before the next meeting.

Mr. Harbert Mr. Harbert undertook to arrange for readings to be taken of noise level on existing motor-generator sets in R.2.

Mr. Miller reported that funds were available to cover provision of this service.

6. Electronics Lab. and Office Block - R.33.

Mr. Choate Mr. Choate asked for final confirmation as to the siting of this project and was assured that the location south of R.25 had been agreed, thus he can now prepare a Project Estimate.

Mr. Harbert advised the meeting that no increased facilities could be contemplated from any of the existing services to this building, on this siting.

Mr. Bowles  
Mr. Dixon After some discussion it was agreed that Chivers should be invited to tender for this contract, but Mr. Bowles and Mr. Dixon will arrange to visit Chivers Managing Director to impress upon him the importance of maintaining the target completion date; any delay in this will result in a need to meet the cost of erection of temporary accommodation.

7. Meter Chamber near North East Gate.

Mr. Choate is now satisfied that the location of this chamber is correct, but is looking into the aesthetics of the proposal.

The Chairman is anxious that this equipment should be operative as early as possible, so that the assessed figures can be confirmed, and any adjustments to estimates made before the end of the financial year.

Mr. Choate  
Mr. Louth

8. Future Schemes.

Mr. Louth spoke of the need for a small building in which to deal with the hazard of air pollution when handling Mercury vessels. He will discuss his requirements with Mr. Choate.

9. Room Numbering in the P.L.A. Area.

Mr. Woodall said that a scheme had been agreed and details would be circulated very shortly.

10. Telephones.

Mr. Woodall has approached the G.F.O., but they cannot agree to the proposal to train a NLRNS wireman to install telephones. They have, however, increased their staff on the site.

11. Experimental Area Extension.

Erection of brickwork has been delayed due to frost, but it was agreed that work should proceed subject to reasonable expenditure on frost precautions.

12. Date of next meeting.

The next meeting will be held in No.4 Conference Room, Building R.1, on Monday 4th March, 1963, at 9.00 a.m.

E.W. Young,  
Secretary.

Building R.20,  
Rutherford Laboratory.

7th February, 1963.

