

*Mr. P. Bowles* R.1.

RLEC/M.49.

Rutherford Laboratory Building Committee

4/13

Minutes of the meeting held in Mr. Bowles' Office, Building K.1. on Monday, 14th January, 1963.

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

*Dr. Margaret (Profess.)*  
*Dr. Simmonds.*

In attendance : Mr. K.H. Choate  
 Mr. A.L. Cuthbert  
 Mr. A.H. Fryer  
 Mr. J.A. Goode  
 Mr. A. Hancock  
 Mr. G.H. Harbert  
 Mr. D.A. Harrison  
 Mr. J.A. Nott  
 Mr. G.E. Simmonds  
 Mr. W.W. Woodall  
 Mr. A. Shackelford - Secretary.

Action

1. Minutes of the previous meeting - RLEC/M.48.

The minutes of the previous meeting, held on 3rd December, 1962, were accepted subject to the following corrections :-

Page 1. Minute 3. third paragraph, line 1, amend "Treasury" to read "London Office".

Page 3. Minute 11. Action Column. delete "Mr. Miller" and insert "Mr. Simmonds".

2. Severe Weather

Snow and severe frost, which have persisted since Christmas, have caused extensive delays and inconvenience and Chivers have been obliged to discharge the majority of their labour force due to the impracticable working conditions on most building projects.

Mr. Harrison

It was agreed that snow clearance had been done efficiently and without undue inconvenience to Laboratory Staff, but the Chairman remarked that more use should be made of salt in future exercises of this nature. Mr. Simmonds reported that the cost of snow clearance, to date, was approximately £2,500 and the work has been done, mainly, on Maintenance Contracts.

Mr. Cuthbert

Mr. Cuthbert

Mr. Cuthbert reported that virtually all building work had stopped, except on the Restaurant where he felt it inevitable that extra cost would be incurred due to the conditions of working. It was generally agreed that it was uneconomic to continue to work under these weather conditions and the Chairman felt that it would be wise policy to shut down pending a thaw and then to work overtime to try to recover lost time. However, he asked Mr. Cuthbert to let him have an assessment of the weekly cost of overtime for consideration before reaching a decision. The Chairman also asked Mr. Cuthbert for an assessment of the extra costs incurred by winter working, to assist him in preparing a case to submit to G.P.C. seeking extra financial cover on this account.

3. R.2 Extension.

All work on this project has stopped and a further three weeks delay on programme has been incurred. Mr. Louth remarked that this delay may well prove more embarrassing than that on Restaurant. However, it was agreed that work was quite impracticable and that overtime working should be considered, as a means of recovering time, after the thaw.

4. Lecture Theatre.

An I.T.P. has been issued, but the starting date has been delayed and will be reviewed later, in relation to the rate of labour "build up" achieved, when conditions improve.

Mr. Snowden reported that the last details of seat design had now been agreed, but he is with-holding his final approval on acoustics, pending a visit to the Building Research Council for a specialist opinion on this subject.

5. Cooling Water Plant for R.25.

A limited amount of work has continued on this scheme, but cladding and pump bases are held up. Mr. Harbert remarked that if the pump bases were provided then installation of pumps and coolers could proceed and the plant made operative and given some kind of temporary shelter, such as tarpaulin sheets hung on the steel framework.

The Chairman agreed that some extra cost could be justified in this case; due to the urgent need for cooling water in R.25 the more expensive expedient of running water to waste had been contemplated.

Mr. Nott

Mr. Nott was asked to proceed urgently with pump bases.

6. Additional Capacity and Equipment for Sub.12.

Mr. Harbert now has tenders for this service and will discuss them later in the day with the Sponsor and Project Officer.

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

Mr. Choate will present his project estimate very shortly and anticipates a figure of about £167,000, which was considered acceptable.

Mr. Choate

Mr. Woodall said that the proposed site, south of R.25, was definitely the correct one, but Dr. Valentine asked to be advised of the costs which would have been involved had the building been sited elsewhere.

Mr. Simmonds asked for an assurance that all services would be routed to all laboratories. Mr. Harbert gave that assurance.

8. Propane Receiver.

Mr. Choate had looked into the question of type of construction and found that alternatives would prove more expensive. It was also explained that a more robust construction would be undesirable, due to explosion hazard.

Mr. Choate

Mr. Choate promised to present his estimate, including the pipe support bridge, within two weeks.

9. Atlas Computer Building.

Mr. Miller was anxious for information of any possible financial saving on this project and Mr. Barbert hopes to offer a figure in two weeks time. Mr. Choate hopes to save £5,000.

10. Hydrogen Target Ventilation Scheme - P.100.

This paper was presented by Mr. Louth for Mr. Venn and has been circulated.

The paper was submitted to this Committee for approval to proceed, with those parts of an experimental facility, which involved Civil works, the cost of which has been estimated by S.W.O. at £4,500 excluding fees.

The Chairman explained that this was a project which must proceed since it would provide a facility which was essential for the majority of the experiments to be carried out on Nimrod. The scheme was therefore approved and Mr. Choate was asked to ensure that aesthetics were preserved to the best practicable advantage.

Mr. Miller was asked to issue an I.T.P. to cover this service. Fees will be charged on what an analysis of past cases indicates as appropriate for a scheme of this value.

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

A scheme prepared by Mr. Miller was tabled and discussed, and passed to Mr. Woodall for further consideration.

12. Meter Chamber for Piped Services.

Mr. Harrison tabled a layout plan, showing a proposal to construct a semi-buried meter pit for A.E.R.E., to meter steam, gas and water supplied to Rutherford Laboratory. The pit was sited adjacent to a fence and over the steam main, near to the main site entrance. A.E.R.E. would bear the cost of this construction.

Mr. Choate was asked to examine the aesthetics of the scheme and to make recommendations.

13. Future Schemes.

Mr. Woodall hopes to present a paper to the next meeting, seeking approval for a new Stores Building.

Mr. Ashburn is preparing a case for a Hydrogen Test Building.

Mr. Snowden is preparing a case for a Low Background Laboratory.

14. Telephones.

Considerable delays are being experienced with installation of telephones in new offices and to overcome this, the Chairman asked Mr. Woodall to approach the G.P.O. with the suggestion that we provide a craftsman for training by G.P.O. Telephone Engineers so that subsequently we have a man permanently available, to deal with this class of work.

15. Minor Works Orders.

A statement of Minor Works Orders issued up to 3.1.63. was presented.

16. Date of next meeting.

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

A. Shackleford,  
Secretary.

Building R.10.  
Rutherford Laboratory.

17th January, 1963.