

RUTHERFORD LABORATORY BUILDING COMMITTEE

11/13

Minutes of the meeting held in No.4 Conference Room,  
Building R.1 on Monday 10th June, 1963.

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

Apologies for absence were received from Mr. G. J. Dixon.

In Attendance Mr. K. H. Choate  
Mr. A. I. Cuthbert  
Mr. A. H. Fryer  
Mr. J. A. Gode  
Mr. A. Hancock  
Mr. G. M. Harbert  
Mr. G. N. Venn  
Mr. G. J. Woodall  
Mr. J. L. Young Secretary

ACTION

1. The Minutes of the previous meeting. The minutes of the previous meeting should be amended as follows:-

(a) The reason for the change of membership should be amended thus:

Second line, after "of the Committee, since -" delete from "current projects ----" to "Mr. Simmonds", and substitute "----- Mr. Venn". Other commitments now make this imperative.  
Delete the last sentence in this paragraph.

(b) In Minute 5, first paragraph, line 6, after "-----minimise", delete "danger", and insert "danger from "between radiation from" and "possible".

In the last line of this paragraph delete from "special" to end of paragraph and substitute "low activity building materials".

(c) Minute 14 (2) line 7 delete "frequently".

Apart from the above amendments the minutes of the previous meeting were confirmed.

2. Matters arising

(1) Link Road from NIEROD Experimental Hall to Parasitic Area. Mr. Venn reported that the investigation into the whole question of lavatory facilities in this area, called for at the previous meeting, had been carried out, and Mr. Hancock had entered a proposal with sketch for additional toilets, basins and urinals near to R5B and R6B (Architects Reference No. 1145dd 7.6.63).

18<sup>th</sup> Jun 297  
New 225  
70 on Atlas.

This called for two buildings and their scope and siting were discussed at length. Mr. Spalden felt that the proposed Unit near R6B would be in the way if it became necessary later on, as it well may, to extract a beam from the machine at this point for experiments. Mr. Simmonds pointed out that although the number of men working in this area may often reach the level quoted in Mr. Hancock's paper they would probably return to R2 just before cease work to use their normal lavatory and washing facilities.

The chairman asked that those concerned re-check the requirement of lavatory and toilet facilities in the area, and review the siting of any new buildings still considered to be necessary.

Mr. Venn  
Mr. Choate  
Mr. Nott

2. D.C. Power Supplies for R25 Mr. Miller said that the approval of the Chairman of the Institute for this project was still awaited.

3. Heavy Plant Store Mr. Choate said he had looked again at the siting of this building and preferred that it remain unchanged because it provided for adequate manoeuvring space at the northern end for heavy loads.

The Chairman asked if the design of the building allowed for any extension if required in the future, bearing also in mind the line-up of the building with R.24. Mr. Hancock said this would be taken care of in the fixing of the dimensions of the bays. Mr. Choate reported that in furtherance of the development in this area the contractors had agreed to the transfer of a number of their huts and sheds to the space East of R24. The Chairman asked for a drawing to be prepared showing all these proposals for this area.

Mr. Hancock

Mr. Choate

Mr. Venn reminded the committee of the proposal to buy the Chivers canteen, sited in this area, for use as a mess hall for contractors staff, and said he hoped this proposal would go through successfully, and that the building could be left where it is.

4. Low Background Laboratory For Radiation Protection Mr. Miller said that this project still awaits the approval of the Chairman of the Institute.

5. Electronics Laboratory and Office Block R.33 Mr. Woodall reported that the A.R.R. have agreed the transfer of the land required for this project, but the formalities of transfer have not yet been completed. He had written to S.M.C. on these lines.

Mr. Choate said he had received a revised estimate to cover the intended changes in design on the ground floor; the net result was an overall reduction in the estimated cost of the project.

6. Mercury Maintenance Block Mr. Louth tabled a paper by Mr. Choate with token estimate and sketch (reference 1141). These had been prepared after a meeting on 20th May between Mr. Louth and S.M.C. to consider the possibility of providing facilities for servicing of the rectifiers by extending Building R.4.

Mr. Louth explained this proposal, and said it was dependant upon our obtaining a satisfactory quotation from Edwards High Vacuum Co. for servicing of the large mercury pumps off site.

The Chairman and Mr. Louth considered the estimate at £8 per square foot, to be unduly high, but Mr. Hancock said it had been carefully prepared and checked, and could be justified as a token estimate.

Mr. Louth  
Mr. Choate  
Mr. Hancock

The Chairman asked that the estimate be rechecked, and that the requirement be reviewed in an effort to reduce the cost.

Mr. Choate

~~8.~~ Helium Bubble Chamber Plant Building Mr. Choate reported that he had checked the estimate for the service tunnel and can decrease the estimated cost to £8,000 by reducing the floor loading. It was agreed that this project must go forward on that basis and Mr. Choate agreed to confirm the layout and design in writing with a final control estimate..

8. Proposed New Access Tunnel to Injector Room The I.E.P. had been issued and work on preparation of the scheme was in hand.

9. Proposed Access Tunnel to Magnet Room

Mr. Choate  
Mr. Louth.

Mr. Louth said this project was still under consideration and firm proposals should be ready by the end of July.

10. Irradiation Building for Radiation Protection Group, Mr. Hancock reported that on investigation he found that a plastic building of suitable design would cost about £6,000 - this was too expensive.

Mr. Snowden  
Mr. Choate

The siting of this requirement was still undecided and three more proposed sites were considered by the committee. After much discussion it was decided that the building must be sited in the vicinity of R24 so as not to jeopardise development and appearances of the last side of the Site, and the project is to be reconsidered in this light.

11. Site of Ancient Well Mr. Choate said that he was in contact with an organisation for preservation of ancient monuments and was awaiting their visit and advice on whether or not this well is worth preserving.

12. Minor Works Orders P.110 was scrutinised and accepted.

13. Progress on Existing Schemes See Schedules A.B. & C. attached.

14. Any Other Business

Mr. Bowles  
Mr. Choate  
Mr. Harrison

(1) Chilton Pond The Chairman asked if any firm conclusions had been reached on the need or otherwise to enlarge Chilton pond or provide other surface drainage outfall. It transpired that the question was not finalised, and the Chairman arranged to meet with Mr. Choate and Mr. Harrison to study the original scheme and to decide if any such work is in fact necessary.

(2). Reservations on finished buildings The Chairman asked about clearance of reservations on finished projects. Mr. Goode said a list had been prepared and was in issue showing reservations outstanding but most had been cleared. The residue was felt to be a hard core of difficult ones and the chairman asked Mr. Cuthbert and Mr. Choate to examine these and arrange for all to be cleared as soon as possible.

The next meeting was agreed for 17th July at 9 a.m.

R. L. Young  
Secretary.

Rutherford Laboratory  
15th June, 1963

Distribution: See attached list