

M. Bowles / *See Minute 7.*

P. Bowles £228

BC(62)26

Director's Building Committee

Minutes of the meeting held on Tuesday, 10th April, 1962.

Present: Mr. T. B. Le Cren - Chairman
Mr. J. E. Bown
Mr. D. J. Crabb
Mr. G. W. Dixon
Mr. N. N. Ferguson
Dr. J. E. M. Johnston
Mr. D. C. Wall - Secretary

Also present: Mr. V. G. Birchall - for item 5
Mr. J. A. Constant - for item 3
Mr. G. A. Flook - S.W.O.
Mr. J. M. Harbert - for item 7
Mr. T. D. Martin - W.E.G.
Dr. M. J. Poole - for item 3
Mr. J. K. Thornton - S.W.O.

Apologies for absence were received from Mr. R. M. Fishenden.

1. Minutes of the meeting held on 6th March, 1962

The minutes of the last meeting were accepted.

2. Matters arising from the minutes

(a) Building 775.17 - Active Workshop for Reactor Area (Min. 2a)

Dr. Johnston reported that Health Physics and Medical Division have no objections to the plans of the building submitted so far.

(b) Proposed New Plutonium Store (Min. 2b)

The meeting on the criticality alarm system was still to be held.

(c) Extension to Bus Park at A.E.R.E. (Min. 2c)

TBLc. Mr. Flook reported that Mr. Viney would be discussing the scheme with the Chairman shortly. Negotiations with Chivers had been reasonably satisfactory and it was hoped to reduce costs by about a £1,000 to £34,500.

(d) Building 525 - Central Workshop and Reactor Equipment Storage Area (Min. 3)

TBLc. It was reported that tenders were in and being examined. The effect on the Harwell building programme of this scheme was again raised and the Chairman agreed to discuss the question of priorities with the Director.

(e) Additional Storage and Transport Shed in Building 462 area (Min. 4)

The scheme had been examined by Mr. Fishenden's working party who were satisfied with the proposed size of the building. However, as suitable prefabricated buildings were on the market, it was agreed that S.W.O. should go out to tender in order to see whether the requirements of the I.C.G. could be met more cheaply than by placing the work on the term contract.

(f) Canopy outside Building 462 (Min. 5)

Mr. Martin reported that the estimate had been reduced to £4,700, mainly by the reduction in the amount of barytes used in the shielding area.

Mr. Ferguson reported that monitoring discs had been placed in the dog kennels to record the radiation levels in them.

(g) Improvements to Main Gate Car Park (Min. 6)

Mr. Thornton reported that it had been agreed to use tar spray and gravel finish for the parking area. Concrete paths had been included in the specification and tenders would be sought this week.

3. Blockhouse, Building 418. (BC(62)20)

On behalf of the Director and on the Committee's recommendation the Chairman gave siting approval for a small concrete blockhouse to the south west of building 418 to house neutron detectors.

4. Allowance factors in estimates and area costs BC(62)19

The Committee considered a paper by Mr. Dixon on allowance factors and area costs.

The Chairman said that the paper on area costs was intended as a guide in considering the costs of future proposals.

Considerable discussion took place during which the following points were made:-

- (i) the average costs of similar schemes should be given and not the cost of "1 off jobs" such as that for building 220, which was the first building of its kind in the country;
 - (ii) the figures would be more meaningful if the building and civil costs were given separately from those for mechanical and electrical work; External costs should be excluded;
 - (iii) it appeared possible under present procedures to allow contingencies twice for the same item. The responsibility for making provision at the project estimate stage was not clearly defined;
 - (iv) it would be useful if the Committee could see the control estimates as soon as they were available.
- GWD. (v) it seemed inconsistent to show a bigger percentage variation in the range of costs on simple buildings than on more complex buildings.

It was agreed that

- (a) S.W.O. should prepare revised papers for consideration at the next meeting taking account of the above points and amplifying the information on allowance factors; and
 - (b) the Chairman would obtain the costs of the hot laboratories at the Radiochemical Centre.
- TBLcC.

5. Additional Car Park near Building 401 BC(62)21

The Chairman stated that the provision of new car parks was invariably expensive and before giving consideration to the present proposal he would like Mr. Birchall to carry out a survey of all car parks on site and check the degree of utilisation. He hoped that Mr. Birchall would be able to incorporate the information obtained in a paper on the car parking problems on site for the next meeting.

VGB.

Mr. Flook, on behalf of S.W.O., agreed to assist Lands and Accommodation Branch in the exercise.

SWO

6. Siting of Additional Temporary Office Accommodation (2 Mk.VII Terrapins) in Building Section Yard BC(62)23

Mr. Martin presented a paper seeking siting approval for the erection of two Terrapin units in the yard in front of building 344 to provide temporary accommodation for a period of approximately three years.

The proposal had been turned down by the Fire Committee as clearance from other buildings of 26'9" existed against the minimum distance of 30'. Nevertheless, Mr. Martin had tabled the paper to the Building Committee in the hope that they would agree the proposal in view of the excessive overcrowding in the existing accommodation.

Discussion then took place on the fire aspect and the standards laid down by the Fire Committee, mention being made of the fact that I.C.I. standards required only 15' clearance between buildings where a fire hazard existed.

TBLec. The Committee was divided on the issue and it was agreed that the Chairman would clear the matter with the Director.

ANY OTHER BUSINESS

7. Siting of Grid Compound for C.E.G.B.

The Committee were asked to consider two sites for the compound at the junction of Becquerel and Fermi Avenues. One site was 120' from the former and the other 270'. Either site required a service road, the latter requiring 150' more, and provided room for a further two transformers if required.

N.I.R.N.S. favoured the site farthest from Becquerel Avenue as it was nearer to their substation and would involve less cabling. It was considered, however, that this did not justify the additional road work (the cost of which would be recouped by the C.E.G.B. from A.E.R.E. and N.I.R.N.S. in standing charges), and in any case, sterilised on fairly large area.

On behalf of the Director and on the Committee's recommendation, the Chairman gave approval to the siting of the grid compound 120' from Becquerel Avenue.

NEXT MEETING

The next meeting will be held on the 8th May, 1962, at 11.00 a.m. in the Conference Room, Building 424.

D. C. Wall
Secretary.

Finance Branch,
Building 329.

13th April, 1962.