

NOTES ON THE INSTALLATION COMMITTEE MEETING

ON AUGUST 8th, 1958.

(ICM 14)

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Present: J.B. Adams, F. Bonaudi, J. Augsburg, G. Brianti, H. Fischer,  
M. Georgijevic, J. Gervaise, H. Horisberger, E. Hugli, T. Lingjaerde,  
B. Marsicanin, G.L. Munday, G. Plass, K.H. Reich, L. Resegotti, P.A. Standley  
F.A.R. Webb.

- 1) Minutes of last Meeting (ICM 13) - Approved.
  
- 2) Services in Inflector Area (Earthing, Power, etc.).
  - a) Earthing. The break between Linac system and Ring System will be at the first Inflector Tank, but the earth busbar Linac will be connected to the one in the corresponding sector in the Ring.  
Shields of H.T. cables will be connected to separate electrodes in the area (2 or 3, Georgijevic to check).
  - b) Cablings, etc. Cables connecting pulsed electrodes 1 and 2 to be laid on top of of beam (inside) and into a conduit. Horisberger/Brianti to check. Sight-lines of cubicles have been checked with Gervaise (including problem of heat dissipated).
  - c) Power. Bus ducts in this area to be installed only where the ceiling is higher. Connection across shielding wall to be in steel conduit.
  
- 3) Controls.
  - a) Battery Room. Small room adjacent to toilets in Central Building to be used as battery room, and temporarily as cable store. The existing ventilation seems adequate. The room opposite this will later on be used by Survey as a store for their equipment.
  - b) Rack Power Supplies. The new sample is shown and agreed. The proposed rating (10 to 15 A) seems adequate for all normal cases.  
An initial quantity of 40 - 50 is proposed for the Central Control Room, but this will be checked with the various groups within next week.

- The main power supplies in the Control Rooms will be fitted with zero-voltage protection (the 3 phases to go off together).
- c) 48 V Batteries. The current needed by R.F. has gone up, but this has already been solved. Possible future R.F. requirements (centre tap, 24 V, freedom from hum) will be met by separate supplies, as for the flag system. The 48 V batteries will all be connected in the same way, but the actual schematic will be looked into again.
- 4) Miscellaneous.
- a) Lamp posts. Mr. Webb will try to have the lamp post in front of the E-door to the S-hall removed.
- b) Wash basins in Ring. Eight of these will be installed at the octagonal points; Zilverschoon to make out a requisition to S.B.
- c) Trolleys. Proper brakes being too expensive, a simple locking system will be used.
- d) Heavy Gang. To obtain all necessary help from S.B. (Transport) one has to give at least one day's notice. Mr. Webb will look into this problem again and make up the full number requested by P.S.
- 5) Next Meeting: Friday 29th August, 1958 at 3.00 p.m.

F. B.

Distribution:

Members of the Parameter Committee

Members of the Installation Committee

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