

M-156

MINUTES OF ACCELERATOR CONTROL SYSTEM MEETING
OF NOVEMBER 18, 1959

Present: Dreyfuss, Brown, Christie, Kraus, Mallory, Neel.

The initial meeting of this group discussed and approved an outline of a program which should lead to establishing specifications for the accelerator control system.

The following seven-point program will be pursued and weekly meetings will be held at 10:00 A.M. each Wednesday to discuss activities:

1. What to Measure: List sources of data needed for control (operation and maintenance) of Accelerator.
2. How to do it: Evaluate methods of assembling and transmitting control data.
3. What use is made of data: Logical grouping of data and procedures used for various control functions.
 - a. Beam Operation
 - b. Maintenance
4. How to do it: Evaluate methods for data reduction, data processing, and data presentation available to accomplish No. 3 above.
5. Synthesis: Integrate No. 2 and No. 4 for over-all system efficiency.
6. Hardware: Investigate equipment requirements for cost estimating purposes and to indicate areas requiring new developments.
 - a. Transducers and instruments
 - b. Communications components
 - c. Control center equipment
7. Objective: Prepare over-all system specification for control of the Accelerator. This specification should detail all control system requirements in terms of functions and include outlines of possible solutions in terms of equipments. The specification would then be submitted to industrial concerns for discussion of their interests and capabilities in the areas of engineering, furnishing equipment, and installation. Ultimately this specification would serve as the basic document for soliciting formal bid proposals from potential sub-contractors.

F.A.C.
November 19, 1959