

Accelerator Department
BROOKHAVEN NATIONAL LABORATORY
Associated Universities, Inc.
Upton, L.I., N.Y.

AGS DIVISION TECHNICAL NOTE

No. 3

C. Christianson
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AUTOMATIC TARGET TRANSFER SYSTEM

1. The subject system has proved reliable mechanically with no malfunctions during approximately 3000 cycles.
2. Electrical malfunctions have been confined to switch contacts sticking. This appears to have been corrected. Also, switches with greater capacity have been ordered and will be installed and tested.
3. To date, these major changes have been found to be desirable:
 - a) place the programmer upstream from the airlock and near the tunnel floor. (This can be done with the present programmer)
 - b) Redesign the programmer envelope to permit plug-in modules where feasible, and allow easy access to all other components.
4. Shall change (b) be made before the system is installed at G-10 outside?
5. I request your guidance on which course of action will best suit the overall AGS operation.

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