Minutes of Meeting: Radiation Safety Committee

Date: Friday 29 May 1998


Subject(s): PASS Interlock Terminology.

The PASS Group requested the definitions of AGS Safely Off and Booster Extraction Safely Off be clarified (standardized) for use in the PASS system. To address this request, A. McGeary and J.W. Glenn proposed (memorandum¹, 20 April 1998) that the Booster and AGS critical device status readbacks to PASS be increased from two to four. No change in the interlock command lines to these critical devices was necessary since these command lines are already redundant.

Since the AGS Security System already ensures that the AGS is placed in a Safely Off state when required, there was some agreement that PASS should “attach to” the AGS Security System as simply as possible.

The suggestion described in the McGeary/Glenn memorandum was conditionally accepted pending additional comments/suggestions by MacKay, Etkin and Robinson.

Specifically, the AGS Security System would provide separate status readbacks to PASS identifying which of the Booster Extraction Safely Off critical device sets has been placed in a Safe State (items # 5-8 in the McGeary/Glenn memorandum). Any additional comments and/or suggestions should be provided to J.W. Glenn by Wednesday 3 June 1998.

There was some confusion regarding the definitions of “AGS Safely Off” that were used in various memoranda. This misinterpretation can be characterized by the fact that AGS Safely Off can be achieved by commanding one (of two) different sets of critical devices to be in a “Safe State”. Each of these critical device sets independently achieves the necessary state of Booster Extraction Safely Off.
Copies of the Boolean logic and Relay logic pertaining to the operation of the AGS Security System will be made available to MacKay, Etkin and Robinson by A. McGeary. As always, these documents can be obtained by any RSC member by requesting them from A. McGeary.

Attachments:


cc: RSC (w/o attachment)
RSC file (w/attachment)