

Date: December 27, 1993, RKR JWG 

Minutes of the AGS Radiation Safety Committee

Subject: Outstanding Action Items.

Meeting Date: December 17, 1993.

Present: H Brown, A Etkin, JW Glenn, E Lessard, A McGeary, S Musolino, E Njoku, K Reece, & J Spinner.
Guests: L.Ahrens, & W.vanAsselt.

Summary

The 28 open Action Items were reviewed. With three new Action and three Check List Items generated, all but one was closed.

Meeting Minutes

Outstanding AGS Acton Items were presented in Attachment 1. The items were then discussed in order with the committee's disposition in brackets. Comments and recommendations are given for each of the individual items. When required, new Action or Check List Items are indicated by a "*" before the item number.

Item #.

- 1: [CLOSE] The AGS Access Control System (ACS) is now and will continue to be checked every six months. This can be re-visited if RHIC programming resources become available.
- 6: [CLOSE] HP lock-out of "256 key" Linac access has been removed; BLIP access was not changed.
- 7: [CLOSE] Target intensity is limited by procedure.
- 8: [CLOSE] Linac low intensity mode has been removed, any future needs must be proposed to the RSC for approval.
- *10: [CLOSE] E.Njoku will draft a new "small beam adjustments" procedure and submit it to the RSC for approval. [ACT_045, Njoku, Lessard (AGS), Etkin (RSC) See also #37.].
- 14: [CLOSE] Procedure in OPM.
- *17: [CLOSE] Chipmunk QF set to 2.5 as per S.Musolino's paper. A policy (procedure) must be drafted for "HP response to different instrument readings" [ACT_046, Njoku (AGS), Musolino (RSC)].
- 18: [CLOSE] Relevant constants changed in OPM.
- 19: [CLOSE] AGS polarized proton mode has been removed, and future needs must be submitted to the RSC for approval.

- *20: [CLOSE] Booster "man-gate" access is used for Electrical Safety but NOT for Radiation Safety. All Radiation Safety wiring must be removed such that the ONLY allowed Radiation Safety Access is either MCR Controlled Access w/MCR Operator Gate watch or if the man-gate system is used, a Booster ring sweep is necessary in order to open the LTB or TTB beamstops. [Booster Check-off List, BSTCK001].
 - 21: [CLOSE] MCR does not have to re-sweep areas except when opened.
 - *22: [CLOSE] BLIP pump room roof must be posted. [Linac Check-off List, LNCK001].
 - *23: [CLOSE] The Chipmunk design should be used to test this Active Interlock Review Procedure. If it fails, the Procedure should be examined and possibly modified. [ACT_047, Musolino (AGS), Etkin (RSC)].
 - 24: [CLOSE] AGS Acceleration Clearance has been removed.
 - 25: [CLOSE] Procedure in OPM.
 - 28: [CLOSE] Procedure in OPM.
 - 29: [CLOSE] Retraining is as per RadCon Manual; other radiological training requirements are done by "performance based training".
 - 31: [CLOSE] Clearance timers have been modified to change the delay time from 1 to 10 hours for dropping clearance in an area where beam has not been present.
 - 32: [CLOSE] AS the A1 cave was rebuilt, there is no need to re-classify it.
 - 33: [CLOSE] Fault studies show to be in compliance.
 - *34: [CLOSE] An RSC representative will sign off 1/4" drawings and changes will be controlled using Engineering Change Notices (ECN's). The formal memo (Pendzick to Glenn) must be submitted to "RSC file" for AGS startup. [AGS_CK001]
 - 35: [CLOSE] Upstream FEB tunnel has been re-classified.
 - 36: [CLOSE] The fault study was reviewed and the area found to be in compliance.
 - *37: [CLOSE] AGS OPM 9.1.11 must be re-written to bring it into compliance with RadCon Manual. This is combined with previous Action Item #10 (small beams). [ACT_045, Lessard, Njoku, Etkin].
 - 38: [OPEN] FEB inhibit not necessary for FY94 Operation.
 - 39: [CLOSE] AGS Access Control System drawings/documentation are modified to indicate that there can be NO (+) beam mode without RSC approval.
 - 40: [CLOSE] Surveys are acceptable.
 - 41: [CLOSE] H.Foelsche is now RHIC the Operations representative on RSC committee. S.Musolino will confirm if Horst will remain or wishes to be replaced.
-

Action Items:

ACT_045, A new procedure will be written to cover the "small beam" question and to bring the AGS OPM under the Rad Con manual.

ACT_046 Darft a procedure for "HP response to different instrument readings". Njoku (AGS), Musolino (RSC)].

ACT_047 Do an Active Interlock Review on the Chipmunk design. If it fails, the Procedure should be examined and possibly modified. [ACT_047, Musolino (AGS), Etkin (RSC)].

Check List Items:

BSTCK001 - "Man Lock" removed from Access Control system.

LNCK001 - BLIP Pump Room roof posted as a High Radiation Area.

AGS_CK001 - Pendzick memo on 1/4" drawing RSC sign-off in RSC file.

Attachments (file only):

Attachment 1: Glenn to RSC et.al., "Action Items", Dec. 15, '93.

Distribution: Radiation Safety Committee
Department Administration
MCR