

Thursday 15 September 1994

K. Reece

RICR

Minutes of meeting: Radiation Safety Committee (sub-committee)

Date: Thursday 8 September 1994

Present: A. Etkin, R. Frankel, K. Reece, A. Stillman, P. Yamin.

Subject(s): Review of Active Systems and Criteria

At issue for this meeting was the proposal by R. Frankel ("Concepts and Techniques: Active Electronics and Computers in Safety-Critical Accelerator Operation"). Although still noted as "draft form", this document has been previously submitted to the Radiation Safety Committee for review and subsequent comments incorporated in the present version [0.115].

This sub-committee includes those involved in two separate tasks, 1) chipmunk design review and 2) reviewing the use of PLC's for the RHIC access controls system. The subject was one of common concern as it covers chipmunks, PLC's and the active beam intensity monitor now under development (E. Zitvogel). Some additional comments were made (A. Etkin) and will be included in the next version of the proposal.

This sub-committee then agreed to accept the document and referred it to the full RSC for final consideration with the following conditions;

1. Acceptance of this proposal by the RSC does not extend beyond the committee responsibility; only radiation protection and access control.
2. Although the RSC has significant experience, it would be desirable to ask an "outside expert" to review this proposal. S. Musolino suggested R. Youngblood from DAT on-site as a reviewer.
3. This document should be distributed to the full RSC (+ A. Soukas) and a reasonable time allowed for review. Each RSC member will then be consulted regarding this proposal before final approval by the RSC as a whole.

Another topic discussed was the chipmunks and the modifications considered necessary (memo Frankel to Reece 9/13/94 - attached). Conclusions and recommendation of the Chipmunk Design Review sub-committee will be submitted to the RSC chair by S. Musolino for distribution to the full RSC (+ A. Soukas).

cc: RSC R. Frankel
A. Soukas A. Stillman
W. Simms P. Yamin