

**Radiation****Safety** Minutes of Radiation Safety Committee of January 5, 2009**Committee****Subject: NSRL Operator-less Controlled Access****Present:** D. Beavis, J. Reich, J. Sandberg, B. Oerter, W. MacKay, F. Pilat, A. Rusek, L. Ahrens, P. Pile, T. Shrey, V. Schoefer, P. Ingrassia, K. Yip, J.W. Glenn, and P. Bergh

Plans for installing the Operator-less Controlled Access system were presented to the committee. Minor changes and updates were presented.

The committee was updated by A. Rusek. The main issue remaining has been the issue of the RFID system picking up tags outside the area. It was proposed that a temporary setup be established for the spring run to test the system in place. The committee did not view this scheme favorably since the problems with the RFID system can depend on geometry and surfaces. **The committee recommended that the final setup be installed for the initial testing in the spring so that there would be essentially no changes to the system when it was made operational.**

After a period of successful testing there may be the opportunity of making the system operational for the end of the spring run. This will depend on resources for the access controls group and scheduling issues to avoid interference with RHIC operations.

Items that had been discussed in the minutes of April 22, 2008 and its attachments were discussed. The committee considered the issues closed or not of concern other than to check with the manufacturer of the turnstile if they had made a fix to the system for the one bug that was found in the early testing. This failure is covered by the redundancy of the system and occurs infrequently. The issue of speed through the turnstiles should be examined or checked with the manufacturer.

The new plan calls for the RFIDs to be located at the far end of the entrance zone between the two turnstiles. An option to place it downstream of both turnstiles will be considered if problems persist once the system is installed in place and tested.

The intent is to allow the system to also use carts but that testing has not occurred yet. It can occur in place and be added as a latter option if necessary.

A video system that will record entrances and exit will be installed.

**CC:** Present  
RSC  
RSC Minutes file  
RSC NSRL file