E-01-006 Hazard Awareness/Access Controls

November 27, 2001

Hazards

- Strong magnetic field exists in area of the polarized target
  - 50 gauss contour delimted by barrier and signs
  - wearers of pacemakers, implants, prostheses – stay out of 50 gauss contour
  - red warning lights indicate presence of field.
- Thin vacuum windows on scattering chamber pose implosion hazard – hearing protection is required.
- Lower platform is 11 feet off the floor and poses a fall hazard – guard rails must be in place or fall protection worn.

Restricted Areas

- No access to the Lower Platform or upstream beamline unless permission granted by Run Coordinator (after consulting with Target Supervisor) and target field is off. Window shields must be on.
- All work on lower platform is excluded while magnet is on.
- When magnet is off, only work approved by Run Coordinator may proceed.
- Target Platform access is restricted – only qualified target personnel are allowed. Others must be escorted.
- No access to lower platform during Controlled Access

Access Controls

- Hall C Work Coordinator (Walter Kellner) is single point of access of contact for Outside Workers who want access to Hall C. Hall C Work Coordinator will consult with Run Coordinator before allowing Outside Workers access to the Hall.
- Run Coordinator may deny access until experiment in a condition to allows work to proceed safely.
- Shift Leader is only person authorized to request transition to Restricted Access. Shift Leader must have the concurrence of the Run Coordinator and the Physics Liaison before making request.
- Run Coordinator must insure that the magnetic field is off before going to Restricted Access.