1) *Operator Safety:*

   a. Careful when loading the system to avoid pinches to hands and fingers.
   b. Do not enter the area behind the system to avoid tripping over cables and damaging system facilities.
   c. Report safety concerns to the NFCF staff through e-mail or by calling 3-8001.

2) *Avoiding Machine Damage:*

   a. Follow procedures carefully.
   b. Do not operate system in “low vacuum mode”. The aperture has been removed. If this mode is required, contact staff.
   c. When loading samples enter the distance that the sample protrudes above the sample holder in the dialog box and before moving the stage adjust the Z-height to prevent a crash into the pole piece or BSE detector.
   d. Report any system contamination to the NFCF staff.

3) *Potential System Hazards:*

   a. Pinch Points.
   b. Tripping Hazard.
   c. AC Voltage.
   d. High Voltage.
   e. System Vacuum.

For Emergency Assistance call 412-624-2121. (Internal 4-2121)