Hitachi 9500
Environmental Transmission Electron Microscope

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. Follow University guidelines for Liquid Nitrogen (review Cryogen SOP under Safety Highlights) use including wearing required PPE.
d. Report safety concerns to the NFCF staff through e-mail or by calling 3-8001.

2) Avoiding Machine Damage:

a. Follow procedures carefully.
b. Follow sample load/unload procedures accurately.
c. Plug heater in and turn ACD heat on when system will not be in use for several hours.
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. Liquid Nitrogen.
f. System Vacuum.
g. Radiation potential.

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