

Safety Checklist for X-11A

- ___ A. Front-end pressure. Must be less than 2.0×10^{-9}
- ___ B. Valid Padlock checklist, initialed and posted by NSLS Operations Coordinator.
- ___ C. Exclusion zone #1 in place and secure.
- ___ D. Beamline isolation valve 2A is in the open position.
- ___ E. Bellows shielding #1 covered with Lead sheet. (Under Ex. zone #2).
- ___ F. Acrylead on viewport for beam observation. (Under Ex. zone #2).
- ___ G. Be window covered with Lead sheet. (Under Ex. zone #2).
- ___ H. 8" Conflat flange covered with Lead sheet (Under Ex. zone #2).
- ___ I. Exclusion zone #2 in place and secure (with padlocks #1 and #2).
- ___ J. Bremsstrahlung Shielding #1, (Banded and Photographed).
- ___ K. Front Be window by-pass valve. Box must be padlocked and valve in the open position.
- ___ L. Bellows Shielding #2 covered with Lead sheet.
- ___ M. Exclusion Zone #3 in place and secure.
- ___ N. Exclusion Zone #4 in place and secure. (with padlocks #4 and #5).
- ___ O. Vacuum gauge on front of monochromator reads 28" or higher.
- ___ P. Viewport #1 on top of monochromator covered with Leaded glass and Lead sheet.
- ___ Q. Viewport #2 on top of monochromator covered with Leaded glass and Lead sheet.
- ___ R. Bremsstrahlung Shielding #2, (Inside monochromator) in place and banded, according to Mono. Log Sheet.
- ___ S. Bremsstrahlung Shielding #3, (Inside monochromator) in place and banded, according to Mono. Log Sheet.
- ___ T. Acrylead on two viewports on the 5 way cross (near the photon shutter).
- ___ U. Bellows shielding #3 covered with lead sheet.
- ___ V. Cable with 10 capture points in place and secure. (With padlocks #24).

Signature: _____ Date: _____

OpCo Signature: _____ Rev. Jan.2004