

LNLS Interlock System, A.R.D. RODRIGUES* AND C.R. SCORZATO, LNLS, Campinas, Brazil - Both, equipment and radiation safety, interlock systems design and performance are described. Equipment protection is achieved by modular interlock stations consisting of only one type of printed circuit board and a communication bus. The programming of the boards resides in programmable array logic (PAL) integrated circuits. A second type of board provides for information exchange with the general machine control system. The radiation safety system is built in the traditional way, using conventional relays.

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