

LNLS radiological safety improvements

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Abstract

The Brazilian Synchrotron Light Laboratory (LNLS) [1] operates a 1.37 GeV electron storage ring with a 120 MeV LINAC, a 500 MeV booster synchrotron injector and the transport line. The light source has been operating since 1997, and about 1000 scientists a year, from Brazil and abroad, perform experiments at the currently 12 beamlines opened for external users. Safety improvements, such as the permission for injections with the experimental hall occupied, were done during this period. The main radiological safety improvements will be presented.

References

[1] www.lnls.br