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## Operations' Role in Reducing Errant Beam Loss in the Spallation Neutron Source (SNS) Super Conducting Linac (SCL)

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Errant beam loss in the SCL slowly degrades the amount of energy the RF cavities can reliably provide. Using a Differential Current Monitor (DCM) system, SNS has been able to reduce this loss significantly. Operators perform a key role in identifying and collecting data for events captured by the DCM system. The development and future improvements to the DCM system will be discussed.

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