

Lessons from DOE IG Audit of Security of Industrial Control Systems

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The Spallation Neutron Source (SNS) at the Oak Ridge National Laboratory makes heavy use of commercial industrial controls technology and methods to implement the machine control system. In particular, the SNS conventional facilities, vacuum, target and various protection system controls are implemented using Allan-Bradley PLCs and programming software. The US Department of Energy, Office of the Inspector General conducted an audit entitled “Security Over Industrial Control Systems at Select Department of Energy Locations” in June 2019. This report summarizes their findings and recommendations to identify lessons that can be applied to machine control systems using industrial controls technology.

Summary

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