

Schedule

The NWIP was submitted to IEC for voting in mid-May 2016. The voting was approved in July 2016 and the IEC SC45A WG A9 began draft standard development in August 2016. The first IEC 63096 committee draft is targeted for the end of 2017 and will incorporate the results of an interim meeting in Germany in early 2017 and the full committee meeting in China in autumn 2017. According to current plans, the international standard is expected by September 2019.

Focus on cybersecurity

The international nuclear community, including the United States, is providing a high degree of focus on standards and guidance for cybersecurity of nuclear facilities. The IEC SC45A standard for computer security brings a new set of guidance from the IEC, in conjunction with IAEA and country-specific standards, to the international community with regard to computer security for nuclear facilities.

IEC 62645 is the first in a new series of IEC nuclear standards to address computer security and respond to the ever growing and expanding threat from electronic means to challenge the protection, control, and information systems supporting nuclear plants around the world. IEC 62859 completes the series, and brings a

framework to the coordination of cybersecurity requirements and nuclear safety requirements. In the longer term, a third document—IEC 63096, on security controls—will be available. Other initiatives and documents will also complete the series, depending on the needs, interest, and proposals from the nuclear community and the IEC’s national committees.

References

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