



HUMAN FACTORS AND INSIDER THREAT MITIGATION: SCIENCE BASED SOLUTIONS FOR HUMAN BASED PROBLEMS

Trustworthiness and Reliability Assessments:

**Current insider threat mitigation practices of the radioactive source security community
March 04, 2026 ♦ World Institute for Nuclear Security (WINS) ♦ Virtual Workshop**

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Prosocial Science International

Science-based solutions for Human-based problems

INFO, TRAINING & ASSESSMENT RESOURCES

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- 2022, CERT (7th edition), “Common Sense Guide to Mitigating Insider Threats,” freely available at resources.sei.cmu.edu/asset_files/WhitePaper/2022_019_001_886876.pdf
- 2025, WINS “Managing Insider Threats in the Nuclear Industry” <https://www.wins.org/document/managing-insider-threats-in-the-nuclear-industry/>
- U.S. Center for Development of Security Excellence (CDSE) Insider Threat training videos, toolkits and documents. Many are open-source and freely available at: <https://www.cdse.edu/index.html>
- 2025, Sutton, A., & Tompson, L. *Towards a Cybersecurity Culture-Behaviour Framework: A Rapid Evidence Review; Computers and Security*
- National Counterintelligence and Security Center <https://www.dni.gov/index.php/ncsc-what-we-do/ncsc-insider-threat>
- 2018, Edmondson, Amy C. *The Fearless Organization: Creating Psychological Safety in the Workplace for Learning, Innovation, and Growth*. Hoboken, NJ: John Wiley & Sons. Free tools at: <https://psychsafety.co.uk>
- 2023, MITRE Insider Threat Guides & Tools <https://insidertreat.mitre.org/our-work/>
- 2022, Seven (Science-Based) Commandments for Understanding and Countering Insider Threats. <https://citrap.scholasticahq.com/article/37321-seven-science-based-commandments-for-understanding-and-countering-insider-threats>
- ◆ 2022, *Homegrown Violent Extremists: A Threat to Nuclear Facilities?* <https://www.nti.org/atomic-pulse/homegrown-violent-extremists-a-threat-to-nuclear-facilities/>
- M. Bunn and S. Sagan’s 2017 book “Insider Threats,” includes helpful analyses of relevant insider threat case studies
- A. Kruglanski & J. Bélanger 2019 book “The Three Pillars of Radicalization: Needs, Narratives, and Networks”
- 2026, IAEA, NSS 51-T Establishment and Implementation of a Trustworthiness Programme for Nuclear Security https://www-pub.iaea.org/MTCD/publications/PDF/p15893-PUB2126_web.pdf



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