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David is a Physicist with additional studies in Electrical, and Mechanical Engineering. His work focuses on cyber, physical, and electromagnetic resilience for critical infrastructure. David's expertise includes nuclear power, renewable energy, microgrids, satellite, cellular, and fiber communications, high power microwave, electronic warfare, advanced materials, edge computing, and active cyber defense. He has provided guidance for InfraGard's National Disaster Resilience Council, the Department of Defense, the Department of Homeland Security's Resilient Power Working Group, and the San Antonio (Texas) Electromagnetic Defense Initiative. He has authored "Protecting the U.S. Grid Communications from EMP" and is a contributing author and co-editor of InfraGard's "Powering Through, Building Critical Infrastructure Resilience".