



wiznucleus[™]

managing risk through actionable knowledge

WizNucleus Cyber Security Compliance Solutions

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WizNucleus is focused on providing nuclear power plant clients with a modular approach to support the development of a cyber security compliance solution.

Regardless of the stage you are in meeting the NERC/FERC/NRC cyber security requirements, WizNucleus has cost-effective cyber security solution that meets the NERC and NRC requirements. Our solutions include highly experienced assessment, implementation, and continuous monitoring services and software tools.

Wiznucleus Cyber Security Compliance Solutions

Modular Support Approach

Regulatory Compliant Cyber
Security Program in Place

- Continuous Internal Communication
- Continuous Internal Training
- Vulnerability Testing/ Incident Reporting
- Regulatory Status Communication



— NRC Approval

— Finalize Submittal

— Develop Draft
License Docs

— Third Party IV&V,
Actions

— Internal IV&V
& Related Actions

— Implement,
Document, Test

— Detailed
Implementation
Plan & Schedule

— Current Condition &
Cyber/Physical
Security Assessment

— Cyber Security Plan
(Template) & High Level
Schedule Submittal

Wiznucleus Project Management

LICENSING MODULE:

Wiznucleus develops the draft regulatory compliance document for licensing review and submittal to the NRC. Wiznucleus then works with the customer to develop responses /actions to any RAI's until final NRC approval.

INDEPENDENT ASSESSMENT MODULE:

Wiznucleus performs a "Red Team" IV&V including internal / external electronic vulnerability testing.

PROGRAM MANAGEMENT MODULE:

Wiznucleus develops the detailed plans, schedules, processes and implementation for the Cyber Security Program in a method which supports the overall Licensing process

INITIAL ASSESSMENT MODULE:

Wiznucleus performs an initial IV&V (including internal / external electronic vulnerability testing) to baseline cyber security compliance "current state." This provides baseline information critical to the development of a quality Cyber Security Solution and the accompanying high-level schedule. Wiznucleus will also develop the plan and schedule in a "submittal-ready" format.



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The approach used by Wiznucleus is based on industry standard project management methods and continuous communications at all stages of each module.

Our modular process has six parts.

- Initial assessment
- Program management
- Independent verification
- License submittal to NRC
- Implementation
- Monitoring

The initial assessment is an on-site visit by either a single cyber security consultant with NERC/CIP and NRC/NEI-0809 experience, or a multi-disciplinary team that results in a top level WBS, preliminary schedule and estimates. The final briefing provides the client a well-structured process to determine the level of support appropriate for the situation.

The program management module assigns a seasoned project manager with commercial nuclear plant experience to develop a detailed project plan, schedule, and cost-estimate. The project manager is the on-site presence for Wiznucleus throughout the consulting engagement. This senior level individual is the key point of contact with the client up to and including the CIO and CNO.

The project manager uses the products from the initial assessment to drive development of the cyber security solution, compliant with the NRC submission form. It includes test and implementation plans and related documentation. The final step in this module is internal verification and validation of cyber security practices based on commitments in the plan.

The independent verification module involves use of a “red team” which will conduct internal and external electronic vulnerability testing. A gap analysis report is the key product of this module which is used to close any deficiencies in your cyber security plan.

The licensing module delivers the draft regulatory compliance document for senior management review, sign-off, and delivery to the NRC. The Wiznucleus team stays with the client to assist in responding to any RAI’s until the final NRC approval.

Throughout the execution of each module Wiznucleus is in continuous communication with relevant levels of management of the client’s organization to insure transparency of the process to decision makers.

Incident reporting from vulnerability testing will be reported through specific channels designated by the client. All work is conducted under an NDA.

Wiznucleus is prepared to support any or all four of these modules and post-plan acceptance implementation tasks. We look forward to the opportunity to discuss your needs.



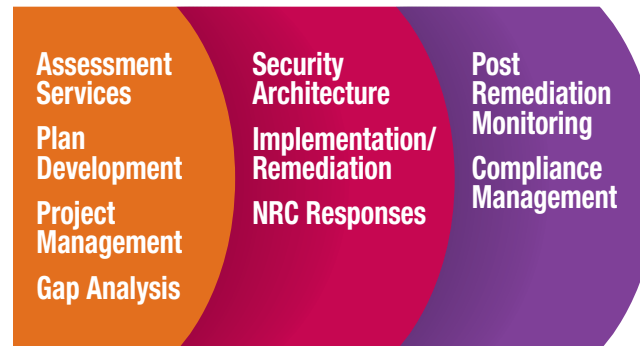
WIZnucleus™

Why Wiznucleus?

Nuclear Qualifications & Experience:

- Our team has performed hundreds of audits and assessments for the NRC and the industry at large.
- Wiznucleus fully comprehends Nuclear and overall energy compliance regulations thereby assuring a thorough remediation assessment.
- We know how to perform assessments and what it takes to get a passing grade.
- Wiznucleus is a pre-eminent licensing support contractor in the nuclear industry.
- Our experience includes managing the licensing work at Yucca Mountain, reactor design certification support for the NRC related to the GE-Hitachi ESBWR and ABWR, 10CFR50.54f (Confirmation of Design Bases) licensee reviews and submittals under oath and affirmation, and NRC regulatory guide updates.
- We have experience implementing enterprise security solutions incorporating best-of-breed technologies

The Wiznucleus team has outstanding experience in successful delivery of end-to-end cyber security solution, including plan submittal, implementation strategy, post-remediation monitoring. We do this by combining our expert domain knowledge and our exceptional information technology background.



Qualifications & Cyber Security Experience:

- Wiznucleus employs a proven NRC assessment methodology with a combination of private industry cyber security experience to address all applicable IT systems.
- Wiznucleus cyber security products are qualified and auditable to NQA-1 safety software standards.

- Our team has significant experience with implementing best of breed security controls – including complex technical products and solutions in a variety of networks around the world.
- Working with Wiznucleus will maximize your return on investment by alleviating your concerns of:
 - a. The inability to achieve compliance due to an incomplete understanding of the compliance regulations
 - b. Poor project management - resulting in additional costs, poor performance, and negative audit results
 - c. Imprudent security technology purchasing decisions - negatively impacting your network's overall performance while still not mitigating the risks
 - d. Liabilities of legacy systems — need to find ways to preserve investments in key information technologies.

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