



CUSTOMER SUCCESS STORIES:

NUCLEAR CYBER SECURITY—

PARTNERSHIP FOR FAST TRACKING
CDA ASSESSMENT AND COMPLIANCE



CYBERWIZ-PRO™

NEI 08-09/13-10 CDA Assessments and
Compliance Solutions from WizNucleus



Managing Cyber Security & Information Assurance

CUSTOMER SPOTLIGHT FAST-TRACKING CDA ASSESSMENT

The nuclear company is owned and operated by a multi-billion dollar energy company in the United States, whose business includes regulated electric and natural gas utility operations. The company serves over 600,000 electric customers in its region. The nuclear plant owned and operated by the company has a 3-loop Pressurized Water Reactor in operation and is also constructing new Westinghouse AP 1000 plants.

Similar to other nuclear power plants, the nuclear company's digital and network technology use has been growing along with the need to secure the increasing number of critical digital assets (CDAs). Securing these expanding assets and meeting the regulatory guidance requirements of NEI 08-09 is a major effort. A critical requirement of managing the NEI 08-09 program was their ability to identify and create a database of CDAs followed by the assessment. As part of this effort they needed to identify a software tool with strong relational database and automation features to support a variety of CDA assessment activities. The tool needed to act not only as a central repository of their CDAs and the associated documentation, it had to support the assessment of those CDAs with a strategic approach, while creating efficiencies, reducing errors, and providing consistency across the organization, all while helping to create a sustainable program.

A LARGE US NUCLEAR COMPANY	
Industry	ENERGY
Head-count	2000+
WizNucleus Customer Since	2011
Number of CDAs	700-800
CDA Categories	3
Logic Rules	200-300
Number of Spreadsheets	800-1000
Solution	WizNucleus Cyberwiz-Pro 4.0 (CWP 4.0)



Business Requirement

- Meet the NEI 08-09 Milestone requirements
- Fast track the CDA assessments
- Maintain consistency across the fleet and eliminate errors and duplications
- Automate and reduce the number of touch points while doing CDA assessments
- Incorporate the changing guidance requirements (NEI 13-10)
- Generate fast and flexible reports to satisfy the inspection needs
- Maintain a sustainable NEI 08-09/13-10 Program

Solution

Nuclear power plant customers have successfully implemented WizNucleus Cyberwiz-Pro (CWP) to manage and efficiently conduct their CDA assessments. Cyberwiz-Pro was designed specifically for supporting the NEI 08-09 program and it comes with strong database, automation and report generation features. The result is that the customers can approach their CDA assessments in a strategic and cost-effective manner and manage their overall NEI 08-09 program with confidence. Resulting in the reduction of manual efforts by as much as 70%. The tool has proven capability to support any size nuclear fleet with large numbers of CDAs. It is flexible and allows customers to configure their internal processes and assessment strategies quickly. With strong, built-in automation features, the tool can reduce the number of assessment touch points, resulting in efficient use of manpower. The tool also has powerful report generation features that allows customers to generate canned as well as custom reports on the fly.

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The Results



Customer has now automated many previously manual CDA assessments operation, resulting in large savings.



Have configured their custom Logic Tree and Security Controls Implementation Strategy right into the tool.



Streamlined and imported their existing spreadsheet data into the tool



Now they can manage a large amount of assessments data and centralize it.



They get a consistent and accurate view of their progress across the organization.



They can generate large reports on-demand.