



Nuclear Utility Obsolescence Group

Nuclear Utility Obsolescence Group (NUOG) Interface with ERWG

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2019 NUOG Winter Working Group Meeting



Nuclear Utility Obsolescence Group

Interface with ERWG

Mission – ERWG



Provide direction and to take action to improve equipment reliability throughout the nuclear power industry. This mission may be accomplished by means such as: identifying best industry practices and/or developing execution strategies that will enable all utilities to implement the AP-913 process based on needs, economic status and available resources.

Mission – NUOG



To create an environment where nuclear utilities can mutually identify obsolete items and potential replacements; provide participants with tools that assist in identifying, prioritizing, and solving obsolescence issues to reduce station risk and vulnerabilities associated with Equipment Reliability.



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Mission – NUOG (Continued)

To achieve and maintain a high level of plant operational performance; we must use industry best practices and leverage other Industry Working Groups (ERWG, INPO, NSCSL, JUTG, GE BWROG, INUOG & IERWG). Response to obsolescence challenges is provided collaboratively by sharing technical expertise, resources, and operating experience across the industry. We seek out opportunities to work together on initiatives that provide mutual benefit.

To align with vendor partners and achieve economies of scale, promote consistency, and to implement best practices. We build on the competence and experience of our vendors through goal alignment and partnering activities.



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ERWG Subcommittees

AP-913 Rev. 6 (Approved April 2018)

- *Added clarifications & options to manage Non-Critical and Run to Maintenance.*
- *Clarified use of graded approach to Performance Monitoring.*
- *Added Value Based Maintenance definition and process description.*
- *Added references to several new industry documents.*

NUOG Related Projects

NX-1037 Rev. 4

NUOG Communication

Considerations:

- *Update NX-1037 based on AP-913 Rev. 6.*
- *Continue to maintain NX-1037 as an INUOG/NUOG document.*
- *Approve by end of 2019.*



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ERWG Subcommittees

Vulnerability Management

- *Knowledge retention on INPO ERWG site.*
- *EPRI SPV Industry Database.*
- *Development of Shallow/Deep Dive Assessment Guidance White Paper (to be approved by September 2019).*

NUOG Related Projects

High Risk Industry Vulnerability

NUOG Communication

Considerations:

- *Determine integration needs between NUOG and ERWG strategies.*
- *Assess current SPV Mitigation Obsolescence Strategies.*
- *Assess knowledge retention needs.*
- *Provide review/input on draft Shallow/Deep Dive Assessment Guidance White Paper.*
- *Capture vulnerability management strategies in NX-1037 Rev. 4.*



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ERWG Subcommittees

PM Working Group/Value Based Maintenance

- *Support implementation of DNP EB 17-03a Value Based Maintenance.*
- *Development of Component Maintenance Strategy White Papers.*
- *Implementation of QlikView Data Visualization Tool.*
- *Implementation of EPRI Cost Analysis Tool (CAT).*

NUOG Related Projects

Component Based Solutions Guide Phase 2

NUOG Communication

Considerations:

- *Determine integration needs between NUOG and ERWG strategies.*
- *Capture value based maintenance strategies in NX-1037 Revision 4.*



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ERWG Subcommittees

ER Through OR Lens

- *Development of ER through OR Lens White Paper (first draft June 2019).*
 - *AP-913 and AP-928 integration with ER.*
 - *EB 17-18 Transform the Organization cross functional ER teamwork.*
- *Development of Living Streamlined Plant Health Reporting Guidance.*

NUOG Related Projects

NX-1037 Rev. 4

NUOG Communication

Considerations:

- *Provide review/input on draft ERWG ER through OR Lens White Papers.*
- *Capture ER through OR Lens Strategies in NX-1037 Revision Rev. 4.*
- *Continue to maintain NX-1037 as an INUOG/NUOG document.*
- *Approve by end of 2019.*



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