

Danna Villegas

Senior Refuel Floor Specialist, Nuclear Maintenance Project Management

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STRENGTHS

- 👤 **Outage leadership**
During complex outage preparation, aligned field crews around milestones and work packages. Teams gained clearer direction.
- ♥️ **Risk planning**
Risk reviews became practical working sessions. Contingencies were discussed early, helping teams respond with less confusion.
- 🎓 **Technical coaching**
Technicians often brought difficult execution questions forward. Coaching connected procedures with safer field decisions.
- ⚙️ **Supplier coordination**
Tooling conversations stayed grounded in timing, readiness, and field needs. Suppliers received clearer requests and follow through.
- 🗣️ **Customer communication**
Regular project updates gave stakeholders a useful view of progress, issues, and next actions. Trust grew through clarity.

SKILLS

Project planning Risk management
BWR maintenance
Outage management
Nuclear safety Team leadership
Tooling coordination
Customer coordination
Labor planning
Supplier coordination

SUMMARY

Nuclear maintenance project leader with 10 years supporting **Boiling Water Reactor** refuel floor operations, reactor **outage planning**, **field execution**, and multidisciplinary teams. Leads maintenance scopes from preparation through delivery, with practical attention to **reactor disassembly**, reassembly, in vessel work, tooling, labor planning, logistics, risk reviews, and customer communication. Coordinates engineering, operations, suppliers, and technicians around clear work packages, schedule milestones, and safe execution. Provides technical guidance on procedural compliance, nuclear safety, quality expectations, and training support. Career growth has come through broader ownership, stronger team coaching, and closer involvement in delivery decisions. This background supports dependable outage execution, thoughtful risk control, and productive collaboration across complex nuclear maintenance programs.

EXPERIENCE

Refuel Outage Project Manager, Nuclear Maintenance

Atlantic Nuclear Solutions 📅 January 2021 - Present 📍 Wilmington, North Carolina

Leads reactor outage planning and field delivery for refuel floor maintenance scopes. Coordinates multidisciplinary teams, suppliers, customer needs, tooling, risk reviews, training, and procedural controls across active nuclear maintenance work.

- Led reactor outage planning for complex **refuel floor maintenance** scopes and field execution needs
- Coordinated **multidisciplinary teams** performing reactor maintenance, tooling, and equipment activities during outages
- Managed risk reviews and contingency planning, keeping project milestones visible for stakeholders
- Resolved technical issues through **customer communication**, **supplier coordination**, and focused engineering support
- Guided technicians through **procedural compliance**, quality expectations, and **nuclear safety** practices
- Developed training materials and coached technicians on practical maintenance execution methods

Nuclear Maintenance Supervisor, Outage Operations

Piedmont Energy Group 📅 May 2018 - December 2020 📍 Charlotte, North Carolina

Supervised maintenance personnel supporting outage preparation and execution. Directed labor planning, tooling readiness, work package reviews, technical coordination, records, quality activities, and site procedure training for field projects.

- Supervised maintenance personnel supporting outage preparation and execution activities across field projects
- Coordinated **tooling**, **labor planning**, and work package readiness before maintenance work began
- Reviewed technical documentation and supported safe completion of assigned maintenance tasks
- Partnered with **engineering** groups to resolve operational challenges during outage preparation
- Maintained project records and supported **quality** reviews for completed maintenance activities
- Trained team members on site procedures, work controls, and safe execution expectations

PROJECTS

Refuel Floor Tooling Readiness Program 📅 2024

