

STRENGTHS

- Outage Leadership**
During demanding refuel work, coordinated people and decisions clearly, helping teams stay focused when field conditions shifted.
- Technical Judgment**
Tooling questions often needed quick answers. Applied practical maintenance knowledge and gained trust from field and customer teams.
- Risk Planning**
Used readiness reviews and risk discussions before execution, giving crews clearer priorities and stronger preparation for outage work.
- Customer Coordination**
Kept customer conversations direct during execution issues, turning technical concerns into workable field decisions and steady progress.
- Team Development**
Coached colleagues through procedures and equipment questions, helping newer team members contribute with greater confidence.

SKILLS

- BWR Maintenance

Nuclear Safety
- Outage Planning
- Technical Leadership

Risk Reviews
- Customer Coordination
- Team Development
- Maintenance Planning
- Tooling Support
- Quality Requirements

P6

PLM
- Oracle ERP

Microsoft Office
- Field Service Operations

SUMMARY

Nuclear maintenance leader with 12 years supporting **boiling water reactor outage activities**, refuel floor execution, field service operations, and regulated power generation environments. Leads multidisciplinary teams through reactor disassembly, reassembly, **in vessel maintenance**, technical planning, risk reviews, and field readiness activities. Provides practical **subject matter expertise** on maintenance tooling, equipment reliability, procedures, and quality requirements. Coordinates customers, vendors, site personnel, and engineering partners during demanding outage schedules. Uses maintenance planning systems, enterprise records, and Microsoft Office for clear documentation and execution control. A strong safety culture guides decisions involving nuclear compliance, technical risk, workforce development, and customer commitments. Brings focused leadership and dependable field judgment to high reliability nuclear maintenance programs.

EXPERIENCE

Refuel Outage Technical Manager

Nuclear Field Solutions May 2020 - Present Charlotte, NC

- Leads technical planning and field execution for **BWR refuel floor maintenance** programs, coordinating multidisciplinary teams, customer needs, risk controls, tooling support, and workforce development across complex outage activities.
- Led BWR refuel floor planning for **reactor disassembly**, reassembly, and **in vessel maintenance**.
 - Coordinated multidisciplinary teams through outage readiness reviews, field execution, and **equipment** support activities.
 - Managed risk reviews and schedule planning, improving readiness for extended outage work windows.
 - Provided tooling guidance and procedure reviews, supporting **quality** focused maintenance execution.
 - Resolved customer execution issues through clear technical communication and focused field decisions.
 - Developed team capability through coaching, technical knowledge sharing, and practical work planning.

Nuclear Maintenance Engineer

Energy Plant Services Group July 2014 - April 2020 Richland, WA

- Supported nuclear plant maintenance projects through outage preparation, technical documentation, enterprise data management, engineering reviews, vendor coordination, and compliance focused field execution for reliable plant operations.
- Supported outage preparation and field execution for **nuclear plant maintenance** campaigns.
 - Prepared technical documents and planning materials for equipment maintenance and site work packages.
 - Used enterprise systems to track project information, operational requirements, and maintenance deliverables.
 - Coordinated vendors and site personnel during planned maintenance campaigns and execution reviews.
 - Assisted **engineering** reviews for plant modifications, equipment reliability, and maintenance planning decisions.
 - Maintained safety, quality, and **regulatory requirements** across documented maintenance activities.

PROJECTS

BWR Refuel Floor Readiness Program 2024

Coordinated readiness planning for refuel floor maintenance, aligning tooling, procedures, personnel, risk reviews, and customer execution needs before outage work began.

Nuclear Equipment Reliability Review 2019

LANGUAGES

English	Native
Spanish	Intermediate

MY CAREER



- Refuel Outage Technical Manager at Nuclear Field Solutions (6.3 Years)
- Nuclear Maintenance Engineer at Energy Plant Services Group (5.8 Years)

Supported engineering reviews for plant equipment reliability, combining maintenance records, vendor input, field observations, and documented compliance requirements.

LEADERSHIP & AWARDS

- Recognized by outage leadership for dependable technical coordination during demanding refuel maintenance activities.
- Selected to coach team members on tooling support, work planning, and quality focused field execution.
- Received customer appreciation for clear communication during complex maintenance issue resolution.

EDUCATION

Bachelor's Degree in Mechanical Engineering
North Carolina State University 🎓 GPA: 3.5 📅 2014 📍 Raleigh, NC
***Coursework:** Nuclear systems, mechanical design, engineering materials, project management*

CERTIFICATIONS

- Nuclear Maintenance Certification Program 📅 2023
- Mechanical Engineering Degree Credential 📅 2014

TECHNICAL SKILLS

- **Reactor Systems:** BWR systems, PWR systems, reactor maintenance
- **Outage Execution:** Refuel outages, outage planning, outage readiness
- **Maintenance Activities:** Reactor disassembly, reactor reassembly, in vessel maintenance
- **Planning Software:** P6, PLM, Microsoft Project
- **Enterprise Systems:** Oracle ERP, maintenance databases, operational records
- **Office Applications:** Microsoft Office, Excel, Word
- **Tooling Equipment:** Reactor tooling, maintenance tooling, field equipment
- **Quality Compliance:** Nuclear quality, regulatory requirements, quality assurance
- **Safety Programs:** Nuclear safety, safety culture, site access requirements
- **Project Controls:** Schedule planning, risk reviews, field readiness
- **Engineering Support:** Plant modifications, equipment reliability, technical documentation

PROFESSIONAL AFFILIATIONS

- Nuclear maintenance professional community participant focused on safe outage execution and technical learning.
- Mechanical engineering alumni network participant supporting continued peer exchange and career development.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST