

LEDYARD TOWN COMMITTEE APPLICATION

FROM:

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☐ RIC

☐ OTHER

SUBJECT: RECOMMENDATION FOR APPOINTMENT

Permanent Municipal Building Committee

TO FILL VACANCY LEFT BY: Steven Juskiewicz

FOR A PERIOD ENDING: 03/26/2023

NAME: Elizabeth Peterson

ADDRESS: 15 Browns Crossing Rd, Gales Ferry, CT 06335

HOW LONG 31 YEARS

TELEPHONE: 860-389-2532

PARTY AFFILIATION: ☒ D ☐ R ☐ U (CIRCLE ONE)

INTERVIEWED BY: Naomi Rodriguez DATE: 7/24/22

BACKGROUND/QUALIFICATIONS:

Current job: Supplier Quality Engineering Specialist
at General Dynamics / Electric Boat
B.S. degrees in Electrical & Computer Engineering (1985)
MBA (1989)
Former CT licensed general contractor

RESUME ATTACHED: ☒ YES ☐ NO

LETTER RECOMMENDATION ATTACHED: YES

☒ NO

Elizabeth W. Peterson, MBA

Technical Program Manager

Gales Ferry, CT, USA 06335
1-860-389-2532

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Lead high-growth organizations' engineering program cross-functional teams. Adept at translating complex problems into viable solutions.

EXPERIENCE

General Dynamics/ Electric Boat

2018- PRESENT Hold Department of Defense Secret Clearance.

Risk Program Manager

- Provide DevOps risk management leadership integrating 3D digital twin TeamCenter infrastructure software for manufacturing nuclear submarines. Utilize JIRA project management software for daily scrums.
- As liaison, collaborate with regulators, defense contractors & trade unions to ensure operational excellence. Lead diverse multi-discipline teams to perform: risk discovery, corrective action/ mitigation plans, life cycle management, change management, compliance, & closure quality assurance.
- Persuasively communicate to executives sustainable, measurable, enterprise-wide strategic & tactical initiatives solving quality issues.

Project Manager

- Led daily resource allocation and blocker ID meetings utilizing Artemis project management scheduling software. Core team of 10 people included electrical & mechanical engineers, NEXT 3D-modeling designers, electricians, sustainment life cycle, planning, & finance.
- Performed project leadership for \$6M- \$15M CapEx nuclear propulsion power plant purchases. Provided material and human resource budgetary estimates.

Nuclear Propulsion Plant Design Engineer

- Design upgrade projects included reactor plant Instrumentation and Control (I&C), steam plant control & indication, and electric plant: switchboards, circuit breakers, inverters, converters, transformers, & controllers.
- Electric plant power system analysis: fault current analysis, circuit breaker coordination, electric plant stability & voltage drop.
- Supported microprocessor control, copper & fiber optic serial communications system integration.

TECHNICAL SKILLS

Program & Project Management
Design & Process Engineering
Six Sigma Black Belt
Process Improvement
Metrics/ Dashboards/ Trending
Technical Trainer
Cost Reduction & Avoidance
Agile SAFe Roadmaps, JIRA, PMBOK,
MS Office, MS Project, MiniTab

TRANSFERABLE SKILLS

Accountable. Continuous improvement, solution-oriented, growth mindset.
Possess stamina for tackling problems. Embrace feedback.

Self-Starter/ Early Adopter
Comfortable with complexity & ambiguity. Proactive at learning new skills at high velocity. Resilient in changing environments.

Excellent time management
Efficient at ensuring smooth & predictable program execution. Detail-oriented with ability to effectively prioritize.

Strong Influencer & motivator
at all levels of the org, driving tangible impact & alignment. Resolve blockers. Agility to represent complex business & technical concepts to every stakeholder.

Dominion Energy/ Millstone Nuclear Generation Station

2008 - 2018 Confidential Clearances with DOE & NRC.

Engineering Program Manager

- Led Margin Management Risk Program Manager for 10-15 interdisciplinary teams managing \$50M YoY CapEx portfolio. Risk committee identified, assessed, analyzed & resolved design & operational risks. Ensured public safety, equipment reliability, maximum electricity generation, & electric power grid availability.
- As Engineering Duty Manager assessed risk for Eng Dept at daily station work management resource availability meetings. On-shift point of contact for all emergent work needing Eng guidance for the nuclear power station. Regularly filled as refueling outage Eng Duty Manager and Eng Outage Manager.

Six Sigma Black Belt Lead Project Engineer

- Led \$50M Fukushima response requiring enterprise physical and cybersecurity CapEx modifications.. Contracted A&E services to complete 10 major capital projects in 1 year. Tracked resource charging and schedule adherence.
- Directed Six Sigma Black Belt initiatives using data-driven phasegate statistical analysis driving >\$1M savings & changing corporate culture.
- Regularly curated engineering self-evaluations, road maps, root causes, gap analysis, deep dive analysis, benchmarks, estimates, budgets, schedules, training, best practices, post mortem lessons learned, & government led inspections liaison.
- Spearheaded the Engineering Dept Human Performance Program - developing industrial psychology initiatives identifying and evaluating performance issues, developed corrective actions, and presented change management plans to management team & executives.
- Stationed at CT State Armory as Corporate Technical Briefer, first responder to provide technical responses to media sources regarding company announcements and emergency activities.

EDUCATION

M.S Business Administration (MBA) – University of New Haven

B.S. Electrical Engineering & Computer Engineering – UConn

Vermont Law School Energy Law & Regulation classes:

Energy Regulation & the Env, Energy Law & Policy in a

Carbon-Constrained World, Essentials of the Electric Grid

Project Management Certificate – Charter Oak State College

Engineering Career Summary

- Consistently deliver value-added biz solns
- Led multi-million \$ eng projects
- The mentor who facilitates team peak performance.

Held engineering roles in:

- Systems integration
- Electrical
- Electromagnetic
- Nuclear
- Computer Software
- Electromechanical

Engineering roles focused in:

- Program Management
- Project Management
- Design
- Process
- Quality Assurance
- Quality Control
- Sales

Industries served:

- Energy
- Utilities
- Defense
- Manufacturing
- Construction
- Cybersecurity
- Aerospace
- Education
- Non-profits

Current Non-Profit Roles:

- Co-Administrative Officer Soroptimist Int'l North Atlantic Region
- Board of Directors Connecticut Lyric Opera
- Electric Boat Mgmt Association Office Manager & Webmaster

Awards & Honors:

- Distinguished Toastmaster
- United Nations Advocate- Commission on the Status of Women
- Int'l Distinguished Woman Award - Pan American Concerned Citizens Action League
- One Woman Makes a Difference Award - Connecticut Women's Education and Legal Fund