

Mark G. Hunn, PE

Mechanical Engineer

Permanent Address: 1385 Baywood Ave • Richland, WA 99352 • (509) 627-6608

Years Exp: 25

Clearance: DOD "Secret"

Summary of Work Experience

Technical manager, project engineer, and field crew supervisor with experience in the armed forces and nuclear industries. My background includes work on environmental cleanup and decontamination projects, and supervision of operational nuclear reactors. I am highly computer literate and experienced with Windows, Linux and Mac environments. I am also an experienced trainer and mentor in both on-the-job and classroom settings.

Education and Professional Registration

Professional Registration: Washington State PE in Mechanical Engineering, certificate no. 33952

Bachelor of Science, Mechanical Engineering, University of Minnesota, 1979

Bachelor of Science, Aerospace Engineering and Mechanics, University of Minnesota, 1979

Columbia Basin College, Pasco, WA - Autocad training, 1994

Washington State University, Richland, WA - EIT/FE Exam Preparation course, 1995

Washington State University, Richland, WA - Mechanical Engineering PE Exam Preparation course, 1996

Employment History

Fluor Hanford, Inc. 2003 - Present

Operations Engineer

Field crew supervisor on the Spent Nuclear Fuels Project at the 105KE spent fuel basin, coordinating work activities of multiple organizations on this major DOE cleanup project. Administer the facility lock and tag program. Responsible for safe operation within the facility authorization basis.

United States Navy, Naval Reserve Personnel Mobilization Team 3022 2001 - 2003

Commanding Officer

Recalled to active duty following 9/11, coordinated the activation and deactivation of over 2000 naval reservists through Naval Mobilization Processing Site, Bangor. Lead team of 23, coordinated the activities of five other organizations. Created necessary business practices and customer service standards. Acknowledged as having the best customer service and fastest processing times of the Navy's 14 NMPS sites.

Duke Engineering and Services Hanford, Inc. 1999 - 2001

Operational Readiness Review Team Member

Coached and mentored Spent Nuclear Fuels Project personnel in preparation for an Operational Readiness Review. Advised the project on how to conduct self-assessments, build evidence packages, and prepare documentation. Conducted assessments on an as-needed basis.

Self-Employed under contract to Fluor Daniel Hanford Co. 1996 - 1998

Licensing Engineer

Coordinated preparation of amendments integrating nuclear safety documents prepared for ongoing construction projects into the Tank Waste Remediation System's Authorization Basis. Alternate member of the Tank SY-101 Technical Review Group. Co-authored technical path forward in response to a slow level increase Unreviewed Safety Question in that tank. Wrote task plans, schedules and cost estimates. Reviewed safety documents for compliance with DOE Orders and Standards. Provided technical input to safety document authors. Wrote a Visual Basic for Applications program in MS Access97 to track organizational commitments.

Under contract to Westinghouse Hanford Co., Richland, WA. 1994 - 1996

Field Engineer

Provided technical support to the East Tank Farms Operations organization. Reviewed procedures, engineering documents and drawings against facility safety basis. Provided operations input to facility projects, including double shelled tank integrity assessments, ventilation upgrades, alarm validation, and temperature monitoring equipment upgrades. Approved major maintenance and upgrade work packages.

Classic Photography, Richland, WA. 1991 - 1997

Owner

Turned a creative hobby into a self-supporting business with sales in excess of \$10k per year to supplement family income. Set budgets, wrote and produced advertising materials, solicited and met with clients.

Pacific Nuclear, Richland, WA. 1991 - 1993

Project Manager

Supervised all phases of project development and execution for piping system internal decontamination using chemical solvents in commercial nuclear power plants. Responsibilities included proposal development, budget preparation (\$250k typical), scheduling, project engineering, and crew supervision in the field. As company training manager, developed the company' first formal training program.

United States Navy, USS Michigan 1988 - 1991

Navigator/Operations Officer

Supervised a department of 25 Officers and Enlisted men. System engineer for the ship' navigation and radio communications systems. Qualified to stand Senior Supervisory Watch on the nuclear propulsion plant. Managed physical plant worth \$1.5 billion with signature authority for expenditures up to \$50k. Coordinated use of ship' propulsion, HVAC, compressed air, hydraulic, and air quality control equipment. Programmed a DBase system to track security clearances. Used Harvard Graphics, Lotus Freelance, and WordPerfect to prepare briefing presentations.

United States Navy, University of Minnesota NROTC Unit 1985 - 1987

Naval Science Instructor

Taught Naval Engineering and introductory Naval Orientation courses. Using direct mail and frequent public speaking appearances, doubled the size of the Freshman class as the recruiter responsible for non-scholarship students. Initiated a very successful program to prepare candidates for screening interviews at the Bureau of Naval Reactors. Expanded the preparation program to include candidates from the Minneapolis recruiting district, significantly increasing their candidate success rate.

United States Navy, USS Archerfish 1981 - 1985

Division Officer

Positions held included Engineer Officer, Electrical Officer, Damage Control Assistant and Communications and Electronic Material Officer. Stood watch as Senior Supervisory Watch, Engineering Officer of the Watch, Engineering Duty Officer, Officer of the Deck, and In-port Duty Officer. Signature authority for expenditures up to \$15k.

Community Involvement

Naval Reserve Officer (with rank of Captain)

Hobbies and Interests

Flying (Private Pilot, Single Engine Land), Amateur Radio (Advanced Class Licensee) with a special interest in TCP/IP networking and computer to computer communications, Photography, Hiking

Computer Software and Language Familiarity

Autodesk AutoCad, Microsoft Office, Microsoft Access, Microsoft Excel, Microsoft PowerPoint, Microsoft Project, Microsoft Word, Visual Basic for Applications, OpenOffice.org, HTML, Windows XP/2000/98, MacOS X, Linux