

Neil V. Holloran

nvh1140@gmail.com; 540-809-6475 (Mobile)

EDUCATION & TRAINING: Virginia Military Institute, Lexington, Virginia, Bachelor of Science, Mechanical Engineering, May 1998, Masters in National Security & Strategic Studies - Naval War College Graduate Degree Program 12 Credits towards Master of Science in Systems Engineering (Virginia Tech) Certified Engineer-In-Training Virginia State Police Academy, Richmond, Virginia, Virginia State Police, Basic Law Enforcement Degree, May 1999 (First Responder, Emergency / Disaster / HAZMAT training, Accident / Incident response and recovery methods)

RELATED PROFESSIONAL CAPABILITIES:

- Demonstrated Program Management and Systems Engineering Principles for DoD research, development and acquisition programs
- Mentoring and supervisory skills and experience
- Preparation and defense of fiscal year budgets through the POM process
- Planning, development, and monitoring of schedules, resources and personnel to meet program milestones
- Development, review and update of requirements, design, and test documentation
- Proposal generation, Task Instructions, and Statements of Work
- Knowledge of Industrial Control Systems, Cybersecurity principles, Ethical Hacking, Engineering Program & Project Management, Systems Engineering; Thermodynamics; Electrical Circuitry; Flight Mechanics; Power Plant Technology; Heating, Ventilation, Air-Conditioning (HVAC) Design, Controls and Systems; Materials Testing; Data Analysis; Presentation and Technical Report Writing Skills; Proficient in Microsoft Office / Windows, Microsoft Project and PowerPoint

PROFESSIONAL EXPERIENCE:

Naval Surface Warfare Center, Dahlgren Division Dates Employed: 12/01-Present

4045 Higley Road, Suite 347, Dahlgren, Virginia 22448-5261

OSD Mission Assurance Programs Manager – (JUN 10 –PRESENT) –Serves as Program Manager for the Office of the Assistant Secretary of Defense for Homeland Defense and Americas' Security Affairs (OASD HD&ASA) managing an \$6-\$7M effort. Leads a diverse team of infrastructure analysts and mission assurance experts providing support across the DoD, Component Commands and the Federal Government in the realm of critical infrastructure, cyber mission assurance, and energy security. Responsibilities include:

- Schedule and assess multiple DoD assets for vulnerabilities related to infrastructure reliance on electric power, transportation, natural gas, fuels, chemical, telecommunications, command and control networks, and water and their complex interdependencies.
- Serve as a trusted leadership partner to senior executives of OASD HD&ASA directorates in support of DCIP, Energy Security, and Cyber Mission Assurance initiatives involving both technical and programmatic analysis and research that drives policy decisions.
- Act as DoD's representative supporting OASD HD&ASA at conferences, forums, and meetings

supporting the Defense Industrial Base, information and data sharing initiatives, and energy grid trends, vulnerabilities and mitigations.

- Coordinate multiple contracts providing planning, analysis, and administrative support to OSD Policy staff as contracting officer's representative, requiring significant interaction with OSD resource and business planning leaders.
- Develop and maintain complete budget, schedule, performance, and task control of MAD portions of DoD DCIP budget and support OASD HD&ASA PPBES
- Perform expedited analysis, data acquisition, report generation, and briefing preparation for senior OASD HD&ASA management in direct support of high visibility DoD efforts
- Respond timely and accurately to numerous short suspense high intensity requests for information from the full range of DoD-wide DCIP, Energy Security, and Cyber Policy community including OSD, Services, Defense Agencies, and designated support elements
- Communicate accurately DoD legislative, policy, and technical direction and guidance to MAD technical team, management, Dahlgren/NSWC/Navy leadership, OSD, interagency, federal, and private industry (Supervisor: Doug Ochsenknecht 540-653-6000)

Emergency Management (EM) Chemical, Biological, Radiological, and Nuclear (CBRN) Program Manager / Capability Area Systems Engineer (CASE) – (JAN 08 – JUN10) – Appointed EM / CBRN Capability Area Systems Engineer (CASE) for NAVFAC ATFP, leading and managing a \$10-20M effort. Supervises a diverse team of CBRN capability coordinators involved with developing and fielding EM / CBRN related products and processes ensuring that all naval installations throughout the world can maintain operational capability while responding to a CBRN attack or other hazard. Responsibilities included:

- Development and implementation of effective EM/CBRN strategies, plans, and training to protect against all hazards (planned or natural) across 78 Naval Installations
- Direct the activities of senior civilian and military engineers in the areas of CBRN Detection, Protection, Response, Recovery, Medical Surveillance, and Medical Response; Interfacing, collaborating, and direct liaison and integration with Naval Facility Engineering Command (NAVFAC) program managers and engineers, Commander Naval Installations (CNI), Chief of Naval Operations, Naval Sea Systems Command, Navy Medicine, and Fleet Forces Command
- Assist in the planning and execution of an overall AT/FP annual budget of \$150M
- Serve as the primary technical decision maker in determining the most cost effective EM / CBRN technologies to be used to protect naval installations. (Supervisor: Dave Krejdovsky, 540-653-2136)

Lead Project Manager, Special Projects Office (SPO), Code Z23 (DEC 06-Present)

Served as the Lead Engineer managing fixed site collective protection technology at six classified sites within the Eastern United States. This effort nets approximately \$250,000 per year to Z23 depending on annual task plan and protects high value critical assets related to national security interests.

Responsibilities consisted of:

- Design drawing reviews and site inspections on a quarterly basis. The oversight, modifications, and new construction / upgrades SPO has provided have led to an increased role for Z23.

- Work with client to bring qualified engineering personnel within SPO program to maintain customer service and manage increased workload from two additional sites being brought on- line. (Supervisor: Chris Reichart, 540-653-0437)

Deputy Program Manager, Joint Expeditionary Collective Protection (JECF) Program (AUG 2004-JAN 2008)

Served as Deputy Program Manager for JECF Program, a +\$100M joint program under the Chemical and Biological Defense Program, providing technical expertise, threat analysis, source selection and acquisition program guidance in design, development and procurement of next generation Collective Protection Shelters and Components. Responsibilities included:

- Panel chair for Turnkey Collective Protection Systems focus area for 2005 Technology Readiness Evaluation (TRE) culminating in government funded testing of multiple vendor collective protection shelters down-selected via a comprehensive market survey.
- Generate multiple acquisition documents proceeding through successful milestone A and B decisions, to include system engineering plans, system performance specifications, requirements documents, joint test threat support packages, requests for proposals, statements of work, and acquisition program baselines.
- Supervise both Systems Engineering and Test & Evaluation Integrated Product Teams, conducting monthly meetings to assess progress and risk to JECF program initiatives.
- Led, as Chair, the Source Selection Evaluation Board for JECF System Development contract, evaluating proposals from potential vendors on design, performance, management, and cost factors which provided a best value determination for the government, culminating in a +\$3M award.
- Manage a threat working group which drafted and finalized an approved Joint Threat Test Support Plan (JTTSP) for the JECF program in anticipation of Milestone B approval and leading the way for future joint programs through the Joint Capabilities Integration Development System (JCIDS) process.

(Supervisor and JECF Program Manager: Mike Boruch, 540-653-3817)

Program / Systems Engineer, Joint Program Manager Collective Protection (JPM-CP) (APR 03 – AUG 04)

The primary focus was to represent JPM-CP as Subject Matter Expert (SME) in CBR collective protection. Detailed to JPM Guardian Program, charged with enhancing CBRN defense measures at 200+ DoD Installations worldwide. Responsibilities included:

- Participate in JPM Guardian Systems Engineering Group, developing performance specifications, threat and requirements documentation for CBRN Installation Protection.
- Member of the Guardian Source Selection Evaluation as technical expert in CBR Defense and collective protection culminating in +\$500M award.
- Participate in multiple government-contractor teams in executing Installation Protection Program (IPP) surveys, designs, and installations including surveying critical mission sites at multiple DoD bases in preparation for IPP site design visits and equipment fielding.
- Successfully lead and manage a team to design, procure, and install collective protection at Dahlgren Emergency Operations Center, a \$50,000 effort delivered on-time and within schedule.

- Four month external rotational assignment to Code XDW40, Public Works HVAC Design Department that entailed review of drawings, specifications, and calculations for HVAC installations onboard Dahlgren installation. Coordinated efforts to solve existing HVAC issues in buildings base wide, and provided assistance to “in house” design efforts. Participated in solving environmental quality issues that arose with HVAC systems due to environmental factors as well as monitoring and correcting base wide energy conservation methods using the Direct Digital Control (DDC) system. (Supervisors: Tom Miller, 540-653-6933 & Will Fontan)

Navy Lead Systems Engineer, Joint Collective Protection Equipment (JCPE) Program (APR 02 – APR 03) As Navy Lead Systems Engineer responsibilities included;

- Organize Navy Portable Shelters Program under Code B53, CBR Protection Systems Group, and provide training and equipment to Navy and DoD Commands worldwide.
- Participate in a Joint Integrated Product Team as Lead Navy representative tasked with managing Pre-Planned Product Improvement tasks to fielded CBR Defense Equipment, organizing training seminars with forward deployed naval facilities in high CBR threat areas, procuring portable shelter equipment for deployment to special warfare groups or high threat areas, and design and procurement of existing and future portable collective protection shelter technology. Efforts led to designation as the Navy subject matter expert for portable CBRN shelters.
- Sustainment training to NSA Bahrain, Navy Special Warfare, and Navy Construction Battalion personnel on setup and operation of current portable collective protection shelters in the Chemical and Biological Defense Program inventory.
- Led team that assisted OPNAV N931, Fleet Hospital Support Office, and Navy Medical Logistics Command with mission critical need providing operational training and deployment of portable collective protection shelter systems to NSA Bahrain and subsequent movement in theater during Operation Iraqi Freedom. (JCPE Program Manager: Craig Lamoy, 540-653-3315; Supervisor: Dale Sisson, 540-653-1102)

Project Engineer, Fixed Site Collective Protection Branch (MAY 02 – SEP 02)

As project engineer, assisted the senior program manager with all aspects of Collective Protection Systems (CPS) installations inside Navy and DOD facilities for Code B53, CBR Protection Systems Group, Fixed Site Collective Protection Systems. Tasks included;

- Reviewing technical specifications and drawing requirements for various CPS system components, on-site technical assistance and training, assembly of filter plenums for each fixed installation, and the testing of completed systems.
- Design and procurement of components for additional Chemical and Biological protection projects using AutoCAD and Pro/E. Completed installation of CPS in multiple Fixed Site areas in the National Capital Region including design and retrofit to existing HVAC systems. (Supervisor: Robert A. Fitzgerald, 540-653-3313)

Project Engineer, Shipboard Collective Protection System (CPS) Backfit Program (DEC 01 - JUN 02)

Assist shipboard senior project engineers with all aspects of Shipboard Collective Protection System (CPS) Backfit installations on West Coast for Code B53, CBR Protection Systems Group, CPS Backfit

Program (7 year / \$130M project). Tasks included:

- Successfully design, install, test, train and certify CPS aboard USS Essex (LHD-2), USS Boxer (LHD-4), and USS Belleau Wood (LHA-3).
- Review of technical specifications and drawing requirements for various CPS system components, on-site technical assistance and training, assembly of filter plenums for each shipboard installation, and the testing and certification of completed systems.
- Coordinate multiple ship visits CONUS and OCONUS to conduct underway and dry dock training and system checks of CPS systems.
- Design and procurement of components for additional CBR protection projects using AutoCAD and Pro/E and review of ship drawings for accuracy and correctness of CPS designs. (Supervisor: Dale Sisson, 540-653-1102)

Applications Engineer, Kaeser Compressors, Inc. Fredericksburg, Virginia (JAN 01 – DEC 01)

Responsible for developing a variety of compressed air system designs and applications and assisting sales personnel with distribution of hardware application information. Developed and implemented a database of competitor information for power cost analysis comparisons of multiple compressed air system designs.

State Police Trooper, Virginia State Police Fredericksburg, Virginia (OCT 98 – JAN 01)

Responsible for enforcement of Motor Vehicle Traffic & Criminal Codes, DUI/Accident Investigations, Drug Interdictions, Criminal Investigations involving illegal firearms transactions, Sexual Offenses and Grand Larceny cases. Responded to over 500 accidents and incidents involving vehicle damage, personal injury, and hazardous materials.

JOB RELATED TRAINING COURSES: Certified Ethical Hacking NSWCDD – Foundations of, and Mid-Level Leadership Programs Contracting Officers Representative / Technical Representative (COR/COTR) Training Earned Value Management Configuration Management for the New Acquisition Environment Project Risk Management Critical Thinking Skills Basic Project Leadership

CERTIFICATIONS: Defense Acquisition Workforce Certified Level 3 Engineering Defense Acquisition Workforce Certified Level 2 Program Management Defense Acquisition Corps Member

JOB-RELATED HONORS, AWARDS, MEMBERSHIPS, ETC.:

NSWCDD Z23 Branch Award for Extraordinary Efforts in support of JECF official program initiation and achieving Program Milestone B decision NSWCDD B Department Peer Award-Quality Support / Teaming, Biotechnology Group Letter of Commendation and Award for Performance and Participation from JPEO-CBD, 2005-2006 Collective Protection Technology Readiness Evaluation Department of Navy Award of Merit for Group Achievement, Pentagon Team Project, 2003 Contributor to Spotlight on the Chemical, Biological, and Radiological (CBR) Defense Division at Naval Surface Warfare Center, Dahlgren, VA, CBRNIAC Newsletter, Volume 8, Number 4, 2007

Co-Author, Collective Protection Technology Readiness Evaluation and Transition of Technologies to Joint Expeditionary Collective Protection, Chem-Bio Defense Quarterly, Oct-Dec 2006 & The Leading Edge, Volume 6 Issue 3, 2007

Co-Author, Ship to Shore Protection, The Military Engineer, May-June 2006

Co-Author, Applying Shipboard Collective Protection Systems to Mission Critical DoD Facilities, The Leading Edge, Volume 5 Issue 1, 2005

Co-Author, Collectively Protected Field Hospitals...a continuing evolution, Chem-Bio Defense Quarterly, Jan-Mar 2005