



NAVSEA 04
One Nuclear Shipyard/OSHE
Standardization

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Version 1.0



Agenda

- **Purpose:**
 - To apprise the members of NSRP of what SEA 04R is doing for OSHA standardization in the Naval Shipyard / One Nuclear Shipyard communities.
- **Topics:**
 - Introduction
 - Key Components
 - Timeline
 - Accomplishments
 - Current Standardization Initiatives and One Nuclear Shipyard Initiative
 - Summary



Introduction

- **Occupational Safety, Health, and Environmental (OSHE) Standardization:**
 - Standardize policies, programs and production processes across the naval shipyards to better facilitate the sharing of trades personnel.
- **Goals / Objectives:**
 - Use same equipment, maintain same qualifications, thereby getting workers on the deck plates more quickly and reduce costs
 - No re-training required



Key Components

- **Governance:**
 - **Semi-annual OSHE Directors' Conferences**
 - Purpose - To exchange information within the One Nuclear Shipyard community and to review the status of standardization initiatives in the naval shipyards.
- **Implementation:**
 - **OSHE Control Manual**
 - Purpose - integrates all requirements affecting OHSE management at Naval SY's by standardizing procedures and processes.



Timeline

- **Key Milestones:**
 - ***Naval Shipyard* Standardization Program started with the Naval Shipyards - August, 2001**
 - **OSHGrams, Electrical Safety, Fall Protection, CBT, Confined Space Entry efforts completed - 2002**
 - **Occupational Safety, Health and Environment Control Manual (OSHECM) issued - April, 2003**
 - Electrical Safety; Fall Protection
 - **One Nuclear Shipyard efforts start – July 2003**
 - **Revision “A” – December, 2004**
 - CHRIMP
 - **Revision “B” – March, 2005**
 - EMS; Change to Electrical Safety



Accomplishments

- **Safety and Health:**
 - **OSHGrams – standard communication to workforce**
 - **Fall Protection**
 - **Electrical Safety**
 - **Confined Space Entry**
 - **CHRIMP**
 - **OSHE Communication Plan**
- **Environmental:**
 - **Uniform Industrial Process Instruction**
 - **Lead (Pb) / SSN 688 class submarines**
 - **Standard EMS**



Current Initiatives

- **Naval Shipyards**
 - **Respiratory Protection**
 - Currently working to provide a standard policy for the safe use of respiratory protection equipment
 - **CHRIMP (MOA approvals)**
 - Process is developed and working on defining lines of responsibility
 - **Near Mishap**
 - **Paint Sampling**
 - Process, action levels, methodology, data management
- **One Nuclear Shipyard**
 - **Paint Sampling**
 - A common process where a true costs savings is recognized to be able to be accomplished



One Nuclear Shipyard History

- **Shipyard Transformation Plan (May 2003) included the “One Nuclear Shipyard” concept**
 - **One Nuclear Shipyard - Flexibility to handle surge, emergent, and constitution ship work without impacting ongoing projects across the public and private nuclear shipyard industrial base.**
- **SEA 04R started working with Northrop Grumman Newport News (NGNN) and General Dynamics Electric Boat (GDEB) in July, 2003**
- **Initially evaluated Fall Protection, PPE and Confined Space Entry as areas to standardize**



Current One Nuclear Shipyard Efforts

- **Current One Nuclear Shipyard efforts are focused on the paint sampling standardization initiative**
 - Common area where it is felt there is the most to gain
- **Last meeting held on 29 June 2005 at NGNN**
 - Private Yards attend OSHE Directors bi-annual conferences
- **Key objectives accomplished:**
 - Leveraged NGNN and GDEB Best Management Practices, shared what the Naval Shipyards have done and discussed the sampling process
 - Addressed IT issues and discussed confidence in retrieving reliable data
 - Reliability includes training/qualifications, analytical methods, data entry/maintenance, audit/verification
 - Examined cost savings



Key Takeaways

- **Costs of taking samples are the basically the same**
 - **NGNN evaluation/NAVSEA cost model show similar costs**
- **Need a mechanism to track painting throughout life cycle**
- **We need standard, common data elements to support data exchange**
- **We need to leverage sampling procedures and training among the shipyards**
- **Barriers to data exchange and sampling standardization**
- **Action levels and controls are not within the scope of the current sampling standardization efforts from NGNN and GDEB perspectives**



Our Next Steps

- **Building blocks for a POA&M**
 - **Work in near term to finalize UIPI and get in place in the Naval Shipyards**
 - **Move forward on common database**
 - **Next work with naval shipyards, NGNN, and GDEB on next round of effort focused on carriers and metals**
 - **Organizational make-up, players, stakeholders (ex. SUPSHIP, LEAN, Aircraft Carrier Team One).**
 - **Others are working on this issue; need to coordinate this**
 - **Work together on a Cost Benefit Analysis**



Summary

- **OSHE standardization in the One Nuclear Shipyard community is a key mechanism for improving ship construction, repair and overhaul.**
- **Choosing an initiative which has universal interest and a benefit for all involved, public and private yards, is a means to an effective and meaningful relationship**
 - **Experiencing a “teamwork” attitude vice a competitive mood**
 - **A necessity in today’s fiscal environment**
- **Questions?**