

Environmental Technologies Panel Meeting

Host: Northrop Grumman Newport News

Location: Norfolk, VA

June 1-3, 2005

Frank Thorn – Chairman

Wayne Holt – Vice-Chair

Environmental Technologies Panel Meeting

ETP CHAIR REPORT

- Wednesday Agenda
- Report from Nominating Committee
- Steering Committee
- Bylaw change request for electronic voting
- EPA proposed Residual Risk Regulations
- ETP Brainstorming/Action Plan
- Future Project discussion
- NSRP Future and Alternate Funding
- Local shipyard attendance
- Shipyards in the News

Environmental Technologies Panel

Steering Committee

- Donna Elks – EB - Chair
- Mike Chee - NASSCO
- Vince Dickinson - BIW
- David Glynn – Avondale
- Sandor Halvax – Southwest Marine
- Wayne Holt - Atlantic Marine
- Pat Killeen – Signal International
- David Kopack - NAVSEA
- Steve Lacoste - Bollinger
- Al Rainsberger - Todd

- Personnel from academia and consulting firms will be asked to participate in meetings to provide input

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ETP CHAIR REPORT

Date: September 24, 2004
To: NSRP ASE Technical Director
From: Frank H. Thorn, ETP, Panel Chairman
Subject: White Paper Submission(s)

The Environmental Technologies Panel presents the attached white paper submissions in response to your request.

This project was voted on in accordance with established bylaws during September 2004, the outcome of which is as follows:

| | | |
|---|--|---|
| <u>Project Title</u> | Shipyard Coordination of Proposed EPA Residual Risk Regulation | <u>Yards who voted for the project</u> |
| | NGNN, NASSCO, BIW, EB, NG Ship Systems, Atlantic Marine, Southwest Marine, NORSHIPCO, Todd Pacific, Colonnas Shipyard, Continental Maritime, Bollinger Shipyard, Tampa Bay Shipyard | |
| <u>Weighting Factor (out of 100)</u> | 100 | |
| TOTAL | 100 | |

As the Panel Chair for Environmental Technologies Panel (SP-1), I certify that the above project was selected fairly and is supported by the industry as represented by this panel. I understand that based on funding availability and the number of white papers submitted, one or more of these projects may not be funded.

Frank H. Thorn

September 24, 2004

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RESIDUAL RISK – WELDING EMISSIONS

- Flawed data and Survey-Fall 2002
- Letter to EPA funded by NAVSEA
- Info to EPA funded by NSRP
- Shipyard Welding Emission Model funded by NSRP
- Meeting with EPA - October 23, 2003
- Phase I (11-17-03)– Map/% welding/distance
- Phase II (12-15-03/2-11-05)- Data Cr,Mn,Ni/calculations
- Phase III & IV (April 05)– Info on control devices/financial-Form 1G
- Whitepaper submittal/Presentation to ECB 11-03-04-Awarded \$70K
- Vince Dickenson BIW– Project Lead
- Meeting with EPA - January 25, 2005-Presented Maps/data
- Modeling by EPA Feb. 05 moved to 3rd Qtr. 05?
- Notice of Proposed Rule Dec. 05 moved to 2nd Qtr. 06?
- This Residual Risk Project Funding ends Nov. 30, 2005

Environmental Technologies Panel

Shipyards in the News

- ISO 14001 Environmental Management Certifications:
 - NASSCO
 - Electric Boat
 - Newport News
 - Bath Iron Works
- Continental Maritime Newport News
 - First shipyard to achieve zero discharge for NPDES Permit
- Bath Iron Works
 - First shipyard to achieve EPA Environmental Performance Track Certification
- Hampton Roads Sanitation District Awards
 - Colonna Shipyard – Gold Award
 - Norfolk Naval Shipyard – Gold Award
 - Northrop Grumman Newport News
 - HRSD – Platinum Award 5 years perfect compliance (99-04)
 - HRSD – Gold Award perfect compliance for 2004

Information Sources

www.nsrp.org

*Program info, research
announcements, briefings, project
descriptions ...*

Other Funding Sources

www.navysbir.com

www.zyn.com