

injuries, and amount of property damage.

As used in this notice, "information collection" includes all work related to preparing and disseminating information related to this recordkeeping requirement including completing paperwork, gathering information and conducting telephone calls.

*Type of Information Collection*

*Request:* Renewal of Existing Collection.

*Title of Information Collection:*

Pipeline Safety Reports of Abandoned Underwater Pipelines

*Respondents:* Gas and hazardous liquid pipeline operators.

*Estimated Number of Respondents per Year:* 10.

*Estimated Number of Responses per Respondent:* 1.

*Estimated Total Annual Burden on Respondents:* 60 hours.

Issued in Washington DC on August 5, 2005.

**Florence L. Hamm,**

*Director, Office of Regulations.*

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**BILLING CODE 4910-60-P**

## DEPARTMENT OF TRANSPORTATION

### Pipeline and Hazardous Materials Safety Administration

#### Office of Hazardous Materials Safety; Notice of Delays in Processing of Exemption Applications

**AGENCY:** Pipeline and Hazardous Materials Safety Administration, DOT.

**ACTION:** List of application delayed more than 180 days.

**SUMMARY:** In accordance with the requirements of 49 U.S.C. 5117(C), PHMSA is publishing the following list of exemption applications that have been in process for 180 days or more. The reason(s) for delay and the expected completion date for action on each application is provided in association with each identified application.

**FOR FURTHER INFORMATION CONTACT:** Delmer Billings, Office of Hazardous Materials Exemptions and Approvals, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, 400 Seventh Street,

SW., Washington, DC 20590-0001, (202) 366-4535.

#### Key to "Reason for Delay"

1. Awaiting additional information from applicant.
2. Extensive public comment under review.
3. Application is technically complex and is of significant impact or precedent-setting and requires extensive analysis.
4. Staff review delayed by other priority issues or volume of exemption applications.

#### Meaning of Application Number Suffixes

- N—New application.  
M—Modification request.  
X—Renewal.  
PM—Party to application with modification request.

Issued in Washington, DC, on August 5, 2005.

**R. Ryan Posten,**

*Exemptions Program Officer, Office of Hazardous Materials Safety Exemptions & Approvals.*

### NEW EXEMPTION APPLICATIONS

| Application No. | Applicant                                                       | Reason for delay | Estimated date of completion |
|-----------------|-----------------------------------------------------------------|------------------|------------------------------|
| 13183-N .....   | Becton Dickinson, Sandy, UT .....                               | 4                | 09-30-2005                   |
| 13281-N .....   | The Dow Chemical Company, Midland, MI .....                     | 4                | 09-30-2005                   |
| 13266-N .....   | Luxfer Gas Cylinder, Riverside, CA .....                        | 4                | 09-30-2005                   |
| 13302-N .....   | FIBA Technologies, Inc., Westboro, MA .....                     | 4                | 09-30-2005                   |
| 13341-N .....   | National Propane Gas Association, Washington, DC .....          | 3                | 09-30-2005                   |
| 13314-N .....   | Sunoco Inc., Philadelphia, PA .....                             | 4                | 09-30-2005                   |
| 13309-N .....   | OPW Engineered Systems, Lebanon, OH .....                       | 4                | 09-30-2005                   |
| 13347-N .....   | ShipMate, Inc., Torrance, CA .....                              | 4                | 09-30-2005                   |
| 13346-N .....   | Stand-By-Systems, Inc., Dallas, TX .....                        | 1                | 09-30-2005                   |
| 14149-N .....   | Digital Wave Corporation, Englewood, CO .....                   | 4                | 09-30-2005                   |
| 14140-N .....   | Albermarle Corporation, Baton Rouge, LA .....                   | 4                | 09-30-2005                   |
| 14141-N .....   | Nalco Company, Naperville, IL .....                             | 4                | 09-30-2005                   |
| 14146-N .....   | Brunswick Corporation, Lake Forest, IL .....                    | 4                | 09-30-2005                   |
| 14138-N .....   | INO Therapeutics, Inc., Port Allen, LA .....                    | 4                | 09-30-2005                   |
| 14038-N .....   | Dow Chemical Company, Midland, MI .....                         | 1                | 09-30-2005                   |
| 14010-N .....   | Varsal, LLC, Warminster, PA .....                               | 4                | 09-30-2005                   |
| 13999-N .....   | Kompozit-Praha s.r.o., Dysina u Plzne, Czech Republic, CZ ..... | 4                | 09-30-2005                   |
| 13957-N .....   | T.L.C.C.I, Inc., Franklin, TN .....                             | 4                | 09-30-2005                   |
| 14154-N .....   | Carleton Technologies, Inc. ....                                | 4                | 09-30-2005                   |
| 14151-N .....   | Chevron Texaco, Houston, TX .....                               | 4                | 09-30-2005                   |
| 13582-N .....   | Linde Gas LLC (Linde), Independence, OH .....                   | 4                | 09-30-2005                   |
| 13563-N .....   | Applied Companies, Valencia, CA .....                           | 4                | 09-30-2005                   |
| 13547-N .....   | CP Industries, McKeesport, PA .....                             | 4                | 08-31-2005                   |

### MODIFICATION TO EXEMPTIONS

| Application No. | Applicant                                                                | Reason for delay | Estimated date of completion |
|-----------------|--------------------------------------------------------------------------|------------------|------------------------------|
| 7277-M .....    | Structural Composites Industries, Pomona, CA .....                       | 4                | 08-31-2005                   |
| 10019-M .....   | Structural Composites Industries, Pomona, CA .....                       | 4                | 08-31-2005                   |
| 10915-M .....   | Luxfer Gas Cylinders (Composite, Cylinder Division), Riverside, CA ..... | 1                | 08-31-2005                   |
| 6263-M .....    | Amtrol, Inc., West Warwick, RI .....                                     | 4                | 08-31-2005                   |
| 10319-M .....   | Amtrol, Inc., West Warwick, RI .....                                     | 4                | 08-31-2005                   |
| 11970-M .....   | ExxonMobile Chemical Company, Mont Belvieu, TX .....                     | 4                | 08-31-2005                   |

## MODIFICATION TO EXEMPTIONS—Continued

| Application No. | Applicant                                                                     | Reason for delay | Estimated date of completion |
|-----------------|-------------------------------------------------------------------------------|------------------|------------------------------|
| 13580-M .....   | Carleton Technologies Inc., Orchard Park, NY .....                            | 4                | 09-30-2005                   |
| 12384-M .....   | OilAir Hydraulics, Inc., Houston, TX .....                                    | 4                | 09-30-2005                   |
| 13327-M .....   | Hawk FRP LLC, Ardmore, OK .....                                               | 1                | 08-31-2005                   |
| 7774-M .....    | Pipe Recovery Systems, Inc., Houston, TX .....                                | 4                | 08-31-2005                   |
| 13488-M .....   | Faber Industries Spa, (U.S. Agent: Kaplan Industries, Maple Shade, NJ) .....  | 4                | 08-31-2005                   |
| 12988-M .....   | Air Products & Chemicals, Inc., Allentown, PA .....                           | 4                | 08-31-2005                   |
| 12284-M .....   | The American Traffic Safety Services, Assn. (ATSSA), Fredericksburg, VA ..... | 1                | 08-31-2005                   |
| 11579-M .....   | Dyno Nobel, Inc., Salt Lake City, UT .....                                    | 4                | 08-31-2005                   |
| 11241-M .....   | Rohm and Haas Co., Philadelphia, PA .....                                     | 1                | 09-30-2005                   |
| 7280-M .....    | Department of Defense, Ft. Eustis, VA .....                                   | 4                | 08-31-2005                   |
| 10878-M .....   | Tankcon FRP Inc., Boisbriand, Qc .....                                        | 1, 3             | 08-31-2005                   |
| 8162-M .....    | Structural Composites Industries, Pomona, CA .....                            | 4                | 08-31-2005                   |
| 8718-M .....    | Structural Composites Industries, Pomona, CA .....                            | 4                | 08-31-2005                   |

## RENEWAL OF EXEMPTIONS

| Application No. | Applicant                                         | Reason for delay | Estimated date of completion |
|-----------------|---------------------------------------------------|------------------|------------------------------|
| 9649-X .....    | U.S. Department of Defense, Fort Eustis, VA ..... | 1, 3             | 08-31-2005                   |

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BILLING CODE 4910-60-M

## DEPARTMENT OF TRANSPORTATION

## Pipeline and Hazardous Materials Safety Administration

## Pipeline Safety: Countermeasures to Prevent Human Fatigue in the Control Room

**AGENCY:** Pipeline and Hazardous Materials Safety Administration (PHMSA), DOT.

**ACTION:** Notice; Issuance of Advisory Bulletin.

**SUMMARY:** The Pipeline and Hazardous Materials Safety Administration (PHMSA) issues this advisory bulletin to owners and operators of natural gas and hazardous liquid pipelines and liquefied natural gas facilities. The purpose of this advisory is to help operators ensure that controllers are not assigned to shift duties while fatigued, to advise pipeline operators on considerations which could cause a reduction of mental alertness or decision making ability, and to encourage safe management practices.

This advisory also responds to the National Transportation Safety Board's (NTSB) Safety Recommendation P-98-30, which urges PHMSA to establish industry guidelines for pipeline controller work schedules to reduce the likelihood of accidents attributable to controller fatigue.

**FOR FURTHER INFORMATION CONTACT:** Florence Hamn by telephone at (202)

366-3015; by fax at (202) 366-4566, or by e-mail at [Florence.Hamn@dot.gov](mailto:Florence.Hamn@dot.gov). General information about the PHMSA's Office of Pipeline Safety (OPS) programs may be obtained by accessing the Web site home page at <http://ops.dot.gov>.

## SUPPLEMENTARY INFORMATION:

## I. Background

## NTSB Recommendations

On November 18, 1998, the NTSB issued Safety Recommendation P-98-30, which urges PHMSA, formerly RSPA, to "assess the potential safety risks associated with rotating pipeline controller shifts and establish industry guidelines for the development and implementation of pipeline controller work schedules that reduce the likelihood of accidents attributable to controller fatigue." This recommendation resulted from NTSB's investigation into the rupture of a hazardous liquid pipeline that released about 957,600 gallons of fuel oil into a river and surrounding areas.

NTSB determined that the probable cause of the rupture was, in part, the failure to ensure that pipeline controllers were properly trained to recognize and respond to operational emergencies, abnormal conditions, and pipeline leaks. NTSB noted that the controller responsible for operation of the failed pipeline had worked under a rotating shift schedule that may have contributed to operator fatigue. NTSB expressed concern about the potential for pipeline controller fatigue from rotating shift schedules.

In 1999, NTSB issued Safety Recommendation P-99-12, which urges PHMSA to establish within two years scientifically based hours of service regulations that set limits on hours of service, provide predictable work and rest schedules, and consider circadian rhythms and human sleep and rest requirements.

This recommendation resulted from the NTSB's review of all transportation accidents reported to U.S. Department of Transportation (DOT) modal administrations over a 10 year period. NTSB noted that it had issued over 70 fatigue-related safety recommendations that resulted from its investigations of major accidents, special investigations, or safety studies that identified operator fatigue as a causal factor. The NTSB noted that scientific research has shown that certain sleep factors can affect fatigue and performance, such as insufficient sleep, irregular schedules, and unpredictable schedules.

## PHMSA Actions and Guidance

In response to these recommendations, PHMSA has been aggressively working with the pipeline community and federal agencies to evaluate how rotating controller schedules in the pipeline industry may be related to human fatigue and safety outcomes. From this work, PHMSA has developed the following guidance, which can be applied in the pipeline environment:

## Work Schedules/Hours of Service

Fatigue is a critical safety concern for shift workers, especially workers in the