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**Docket:** UST1-1  
**ACTION TYPE:** Proposed Rule  
**RULE NAME:** Notification Requirements for Owners of Underground Storage Tanks  
**FR Number:** 50 FR 21772  
**FR Date:** 28 May 1985

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UST1-1-CO-049 07/12/85 National Stone Association, Robert C. Hollenbach, Vice President, Government Affairs

UST1-1-CO-050 07/12/85 State of New Mexico Environmental Improvement Division, Denise Fort, Director

UST1-1-CO-051 07/12/85 Iowa Department of Water, Air & Waste Management Darrell McAllister, Director

UST1-1-CO-052 07/15/85 Collier, Shannon, Rill & Scott, Jeffrey L. Leiter, Counsel for the Society of Independent Gasoline Marketers of America

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ACTION TYPE: Proposed Rule; Reopening of Comment Period

RULE NAME: Notification Requirements for Owners of Underground Storage Tanks

FR Number: 50 FR 35261

FR Date: 30 August 1985

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UST1-3-SB-001  US Environmental Protection Agency. "Notification Requirements for Owners of Underground Storage Tanks". Final Rule Federal Register, November 8, 1985. OSW-FRL 2911-6
Docket: UST1-4

ACTION TYPE: Final Rule; Correction

RULE NAME: Hazardous Waste; Notification Requirements for Owners of Underground Storage Tanks; Correction

FR Number: Volume 51, Number 76, Pp 13497-13498

FR Date: Monday, April 21, 1986

Record Number Record Information

UST1-4-SB-001 US Environmental Protection Agency. "Hazardous Waste; Notification Requirements for Owners of Underground Storage Tanks; Correction". Final Rule Correction Federal Register. April 21, 1986.
Docket: UST2-1

ACTION TYPE: Proposed Rule

RULE NAME: Technical Standards

FR Number: Volume 52, Number 74

FR Date: April 17, 1987

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UST2-1-SB-379  Foote Mineral Company. Technology Developed by Foote quickly Locates Every Minute Leaks in Flexible Membrane-Lined Ponds.


UST2-1-SB-202A  Gilbarco, Inc. "Gilbarco Tank Monitor, Combining Microprocessor Computing Power With Ultrasonic Precision..."

UST2-1-SB-202B  Gilbarco, Inc. Slides on Tank Monitor.


UST2-1-SB-153  Grundle Lining Systems, Inc. Double Liner Application Guide (Package of Sales Literature)


UST2-1-SB-260 Harco Corporation, B. Husock, P.E., Vice President and Chief Engineer. *Use of Pipe to Soil Potential in Analyzing Underground Corrosion Problems.*

UST2-1-SB-255 Harco Corporation. Set of five UST Technical Papers.

UST2-1-SB-252 Hytrel Fuel resistant Polyester Film FH-618 Typical Properties, Fabrico.


UST2-1-SB-152A Introducing Petrogard...High Performance Secondary Containment Liner Systems (Package of Sales Literature).


Maine, State of, Department of Environmental Protection. Application for Certification as an Underground Tank Installer.

Maine, State of, Department of Environmental Protection. Experience Data Sheet.

Maine, State of, Department of Environmental Protection. Personal and Professional Reference Form.

Maine, State of, Department of Environmental Protection. Regulations for Registration, Installation, Operation and Abandonment of Underground Oil Storage Facilities, Chapter 691.


Recommended Practice Control of External Corrosion on Underground or Submerged Metallic Piping Systems, RP-01-69. January 1983


UST2-1-SB-101 "Notes on Meeting with Arizona UST Personnel," Memo from Lane Krahl, OPA. March 25, 1986.


UST2-1-SB-331 Owens-Corning Fiberglass Corporation. "Fiberglass* Underground Storage Tanks: Field Proven, Laboratory-Tested."


SCS Engineers. *Repair, Retrofit, and Closure Practices for Underground Storage Tanks (USTs),


UST2-1-SB-142 Steel Tank Institute. Installation Instructions, Underground Steel Storage Tanks with STI-P3 Corrosion Control System. April 1986.


UST2-1-SB-325 Steel Tank Institute. STI and the STI-P3 System.

UST2-1-SB-380 Steel Tank Institute. "STI-P3" Letter to R. Brand from ____________.

UST2-1-SB-024A Steel Tank Institute. STI-86 Containment Systems.

UST2-1-SB-084C Steel Tank Institute. Steel Tank Institute Standard for Dual Wall Underground Steel

UST2-1-SB-258A Steel Tank Institute. Steel Tank Institute Recommended Practice Optional Interior Corrosion Control System for Steel Tanks.

UST2-1-SB-380B Steel Tank Institute. Test Procedure to Quality a Coating for Acceptance by STI-PE Specifications.


UST2-1-SB-104 "Summary of State/Local Program Visits". March 24, 1986.


UST2-1-SB-189 The STI-P3 System: Pre-engineered Protection Against External Corrosion for Underground Storage Tanks.


UST2-1-SB-198  Xerxes Century-Cast.  "Installation and Warranty Manual, 4' through 10' Diameter Tanks".

UNIVERSE/DEFINITIONS


UST2-1-SB-210  Analysis on Simple Classification Approaches, Distribution of Distances from UST to Point of Contamination.


UST2-1-SB-005  Hazardous Materials Management, James Pim, P.E. List of Registered Steel Underground


UST2-1-SB-025 LEXIS/NEXIS. Incomplete set of 99 stories regarding Chemical/Petroleum Incidents.


OTHER/GENERAL


UST2-1-SB-180A American Petroleum Institute. Results of API Tank and Piping Leak Survey.


UST2-1-SB-182B  Various Support Data to Memo.


UST2-1-SB-269  Commerce, Department of, Bureau of the Census,  County Business Patterns 1982, California, CBP-82-6.  1982.


UST2-1-SB-100  Dade County Florida UST Program.


UST2-1-SB-329  Environmental Protection Agency, Hazardous Waste Numbers for Waste Streams Commonly Generated by Small Quantity Generators.


August 29, 1986.


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Murphy, Marvin. "Marketing Report, As Situation Improves on Tank Leak Insurance, Some States Get Tough," The Oil Daily.


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PCA Engineering, Inc. Schedule of Cathodic Protection Inspections.


UST2-1-SB-062  Record of Meeting with Tank Manufacturers on December 9, 1986. December 12, 1986.

UST2-1-SB-062A  List of Attendees.

UST2-1-SB-062B  Notes from the Meeting.

UST2-1-SB-272G  Regulatory Flexibility Act, January 3, 1980.


UST2-1-SB-295  Smith, V. Kerry. Measuring Water Quality Benefits.


Steel Tank Institute. Standards for Dual Steel Storage Tanks. Undated.


Memorandum From David C. Cox to Carol Bass. August 6, 1986.

"Attachment I: Procedure for Generating Simulated Inventory Data." Undated.


Recommended Practice for Bulk Liquid Stock Containers at Retail Outlets, API Bulletin 1621. 1977, 3rd ed.


UST2-1-SB-168C FRP Coating Procedure, Revision 2.


UST2-1-SB-258 Steel Tank Institute. Memorandum to STI members. March 26, 1982.


UST2-1-SB-272B First Virginia Bank. Notes from June 5, 1986 meeting attended by representatives of First Virginia Bank, Versar, Inc., and Meridian Research, Inc. in Arlington, VA.


UST2-1-SB-284A American Petroleum Institute. "API Recommendations Concerning EPA Standards for Corrective Action in Response to Releases from USTs at Motor Fuel Dispensing


Docket: UST2-1

ACTION TYPE: Proposed Rule

RULE NAME: Technical Standards

FR Number: Volume 52, Number 74

FR Date: April 17, 1987

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UST2-1-SB-024A  Steel Tank Institute.  *STI-86 Containment Systems*.

UST2-1-SB-025  LEXIS/NEXIS.  Incomplete set of 99 stories regarding Chemical/Petroleum Incidents.


UST2-1-SB-062  Record of Meeting with Tank Manufacturers on December 9, 1986. December 12, 1986.

UST2-1-SB-062A  List of Attendees.

UST2-1-SB-062B  Notes from the Meeting.


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UST2-1-CO-121 Oil Recovery Equipment, Letter from James Hatcher, June 19, 1987


UST2-1-CO-123 ALLTEL Service Corporation, Letter from George Pearson, Received June 23, 1987 (UST3-1-CO-49)


UST2-1-CO-125 Berwick Bay Oil Co., Inc., Letter from Glenn L. Boom, June 17, 1987 (UST3-1-CO-51)

UST2-1-CO-126 Cadillac, City of, Michigan, Letter from John Saari, June 2, 1987 (UST4-1-CO-5)

UST2-1-CO-127 Minnesota Public Interest Research Group, Letter from Barbara Berglund, June 1, 1987 (UST3-1-CO-53)


UST2-1-CO-129 Austin City of Letter from Ewing Evans, June 17, 1987. (UST3-1-CO-57)

UST2-1-CO-130 Skytrails Aviation, Letter from Mark Sullivan, June 16, 1987 (UST3-1-CO-58)

UST2-1-CO-131 East Coast Tank Lining Corp., Letter to Ron Brand from Vincent Ferrerio, Received June 5, 1987


UST2-1-CO-132D  Owens-Corning Fiberglas Corp., Letter to President/General Managers from R.T., Linak, December 31, 1985


UST2-1-CO-134  Wener Aviation, Inc., Letter from Wayne DeCosta, June 22, 1987, (UST3-1-CO-60)


UST2-1-CO-137  Krystal Aviation Company, Letter from Eddie Bell, June 16, 1987 (UST3-1-CO-63)

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UST2-1-CO-149  West Houston Airport, Letter from Woody Lesikan, June 15, 1987 (UST3-1-CO-75)

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UST2-1-CO-183  Aero Services International, Inc., Letter from Chuck Navachick, Received June 19, 1987 (UST3-1-CO-109)


UST2-1-CO-184A National Air Transportation Association, Financial Performance Survey, An Economic Profile of the FBO/Air Taxi Industry, 1985


UST2-1-CO-186  Leak Detection Technology Association, The, Letter from Christopher Harris, July 6, 1987 (UST3-1-CO-112)


UST2-1-CO-187A American Petroleum Institute, Technology Considerations When Conducting Site-Specific Corrective Action Activities for Underground Storage Tank Releases, June 17, 1987

UST2-1-CO-188  Monsanto, Letter from D.B., Redington, July 8, 1987

UST2-1-CO-190  Pennsylvania, Commonwealth of, Department of Transportation, Bureau of Aviation, Letter from Charles Hostetter, June 24, 1987 (UST3-1-CO-116)

UST2-1-CO-191  Environmental Protection Agency, Region 6, Submission of Comments Received Locally, May 27, 1987

UST2-1-CO-192  Florida, State of, Department of Environmental Regulation, Letter to Lee Thomas from Dale Twachtmann, June 8, 1987, (UST3-1-CO-118), (UST4-1-CO-9)

UST2-1-CO-193  Oregon Environmental Council, Letter from Jean Meddaugh, July 1, 1987

UST2-1-CO-194  West Virginia, State of, Department of Natural Resources, Letter from B. Douglas Steel, Ph.D., June 26, 1987

UST2-1-CO-195  Maryland, State of, Department of Natural Resources, Letter from Torrey C. Brown, June 30, 1987


UST2-1-CO-197  Worcester Environmental Trust, Letter from Ilia J. Fehrer, June 29, 1987

UST2-1-CO-198  Midwest Parts and Service Association, Letter from John G. Doonan, June 14, 1987 (UST3-1-CO-120), (UST4-1-CO-10)

UST2-1-CO-199  Agway Petroleum Corporation, Letter from Wayne McFarland, P.E., July 2, 1987

UST2-1-CO-200  Petroleum Marketers Association of America "Comments of the PMAA on USTs Containing Petroleum -- Technical Standards and Corrective Action" July 16, 1987

UST2-1-CO-200A  Petroleum Marketers Association of America, Underground Storage Tank Leakage Prevention, Detection, and Correction -- A Review and Evaluation of Feasible Approaches and Designs, November 1986 (Weston)

UST2-1-CO-201  General Motors Corporation, Environmental Activities Staff, Letter from P.E. Gerwert, July 7, 1987


UST2-1-CO-202A  Total Containment, Sample Material

UST2-1-CO-202B  Total Containment, Environmental Protection Products, (Technical Information)

UST2-1-CO-203  Total Containment, Letter from Michael Nolan, June 4, 1987
May 28, 1987

UST2-1-CO-218B National Association of Corrosion Engineers. "Recommended Practice: Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems"., March 1985, Section 1

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UST2-1-CO-220 Genelco, Inc., Letter to Dave O' Brien from Kathy Reed, May 21, 1987


UST2-1-CO-220B Chemical Engineering, Letter to Editor from Michael Bauton, Geneko, May 11, 1987


UST2-1-CO-226 State of West Virginia, Department of Natural Resources. Letter from B. Douglas Steele, Ph.D.,


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Garret, Peter; Moreau, Marcel; and Lowry, James. Methyl Tertiary - Butyl Ether: Octane and Pollution Enhancer. Undated.


UST2-1-CO-295 Armor Shield, Inc. Introduction to Written Commentary. July 15, 1987


UST2-1-CO-295B Armor Shield, Inc. "Written Commentary to Environmental Protection Agency Proposed Regulation 40 C.F.R. Parts 280, 281, 52 Federal Register 12662, Exhibit B." July 15, 1987


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Alliance of Metalworking Industries. Prior comments on Used Oil Management Standards submitted to EPA's Office of Solid Waste. Letter from John A. Ross, Chairman. February 5, 1986 (UST3-1-CO-167A)

[ Hand written notes ].


National Association of Texaco Wholesalers, Inc. NATW Background Information. June 4, 1987. (UST3-1-CO-168)


EHA-West. Letter from David D. Miller, General Manager. Undated. (UST3-1-CO-169)


State of Delaware, Department of Natural Resources & Environmental Control. Letter from J.T. Crosby, Supervisor, Underground Storage Tank Branch. July 15, 1987


               (UST3-1-CO-172)

UST2-1-CO-310  Hunter Environmental Services, Inc. Comments concerning Proposed Underground Storage
               Tank Regulations.  July 14, 1987

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UST2-1-CO-312  Fiberglass Petroleum Tank and Pipe Institute. Letter to Dave O'Brien from E.C. Nieshoff,
               Executive Director.  July 15, 1987


UST2-1-CO-315  Mitchell Development Corporation of the Southwest. Letter from Earnest L. Harbin, Sr.,
               President.  July 15, 1987


               (UST3-1-CO-174)


UST2-1-CO-322  American Independent Refiners Association West Coast Division. Letter from Craig A. Moyer.
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UST2-1-CO-327  Associations of State and Territorial Solid Waste Management Officials. Letter from Thomas J. Kennedy, Executive Director. July 15, 1987 (UST3-1-CO-179) (UST4-1-CO-20)


UST2-1-CO-331A  American Petroleum Institute. "Bulk Liquid Stock Control at Retail Outlets" API Recommended Practice 1621. 4th ed. 1987

UST2-1-CO-331B  Radian Corporation. "Analysis of Factors Affecting Service Station Inventory control." August 1984

UST2-1-CO-331C  Radian Corporation "Review and Analysis of Existing and Proposed Underground Storage Tank Inventory Control Procedures" June 5, 1987


UST2-1-CO-332  American Society of Civil Engineers. Letter from Wayne Tusa, Chairman, of the ASCE Underground Tank Management Committee, and committee members: N. Ramanujam (Woodward-Clyde Consultants), Robert L. Hibbs (Engineering, Design, and Geosciences Group, Inc.) David M. Snyder, Wayne Tusa (Dynamac Corporation) (UST3-1-CO-180)


UST2-1-CO-342  Pacific Northwest Bell. Letter from Steve Marc Zewski (Pacific Northwest Bell), Bill Archer (Mountain Bell), Ron Rupe (Northwestern Bell), and Dick Schwerer (US West Material Resources, Inc.) July 15, 1987


UST2-1-CO-344  Department of the Air Force. Letter from Donald A. Kane, COL, USAF, BSC. July 16, 1987


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<td>Utility Solid Waste Activities Group, the Edison Electric Institute, the American Public Power Association and the National Rural Electric Cooperative Association. Comments and Package of Six Appendices.</td>
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UST2-1-CO-363D Owens-Corning Fiberglas. "Fiberglas Tank Meets Performance Standards After 21 Years in Service: Case History: January 1986


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<td>Iowa Ready Mix Concrete Association. Memo to Jim Rossberg (National Ready Mix Concrete Assn.) from Dave July 29, 1985</td>
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UST2-1-CO-377  Letter from Thomas S. Davis (American Telephone and Telegraph), Charles A. Straw (MCI Telecommunications Corporation), David R. Cosson (National Telephone Cooperative Association), and Martin T. McCue (United States Telephone Association). July 14, 1987


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<td>National Automobile Dealers Association. Testimony by Mr. Jimmy C. Payton. June 1, 1987</td>
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<td>UST2-1-CO-393D</td>
<td>NADA, &quot;National Tabulation of Used Oil Survey&quot;</td>
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UST2-1-CO-395A Background to Edson F. White's comments. Undated.


UST2-1-CO-400 Santa Ana, City of Fire Department Letter from James Montgomery. July 7, 1987


Nieshoff, Executive Director, July 11, 1987.


UST2-1-CO-449A  Acutest Environmental Services. "California Requirements for Underground Tank Monitoring" Chart. (UST3-1-CO-226A)


UST2-1-CO-474  Portney, Dennis, Letter from. Undated.


(UST3-1-CO-238)


(UST4-1-CO-34)


(UST3-1-CO-239)


UST2-1-CO-550 - 559  These Numbers were not assigned to any documents.


UST2-1-CO-566A  Governmental Refuse Collection & Disposal Association. SQHWG Information
Clearinghouse. **If You Need Information or Technical Assistance We Can Help.** Undated.

**UST2-1-CO-566B** Environmental Compliance Services Program. Erie County Department of Environmental & Planning. **Caught In The Maze of Environmental Regulations? We Can Help You Out.** Undated.


**UST2-1-CO-570** United States Conference of Mayors. **Letter from Richard Berkley.** July 15, 1987. (UST3-1-CO-252 and (UST4-1-CO-36)


**UST2-1-CO-577** Million Air Cleveland. **Letter from Charles G. Hoffman.** June 30, 1987. (UST3-1-CO-255)

**UST2-1-CO-577A** Million Air Cleveland. **Spill Prevention Control and Countermeasure Plan.** April 1987. (UST3-1-CO-255-A)

**UST2-1-CO-578** Queen City Aviation, Inc. **Letter from Joseph E. Wildman.** July 10, 1987. (UST3-1-CO-256)


UST2-1-CO-583  Beaver County Airport. Letter from Dan Donatella. July 8, 1987. (UST3-1-CO-261)


UST2-1-CO-650 Davidson Sales and Maintenance Company. Tank Installer Questionnaire. Received July 8, 1987.


UST2-1-CO-655D Comparison of Alachua County Tank Ordinance with Chapter 17-61, Florida

UST2-1-CO-655E Transmittal Letter from Clerk of the Commission, City of Gainesville. To the Board of County Commissioners. "Re: Supporting the Adoption by the Alachua County Storage Tank Systems Code and Encouraging Its Approval by Secretary Twachtmann, FLA. Department of Environmental Regulation." July 7, 1987.


UST2-1-CO-655G Gainesville, FLA. Excerpts from local newspapers regarding contaminated water.


UST2-1-C0-695 Station Service and Equipment Co., Tank Installer Questionnaire. Undated.

UST2-1-C0-696 Parks Installation Company. Tank Installer Questionnaire. Undated.

UST2-1-C0-697 Action Enterprises, Inc. Tank Installer Questionnaire. Undated.

UST2-1-C0-698 American Telephone & Telegraph, MCI Telecommunications Corporation, National Telephone Cooperative Association and United States Telephone Association. Letter from Thomas S. Davis (AT&T), Charles A. Straw (MCI), David R. Cosson (NTCA), and Martin T. McCue (USTA). July 14, 1987.


UST2-1-C0-718  Office of Underground Storage Tanks. Dave O'Brien's Notes of a meeting with Brian Donovan


UST2-1-C0-721 Office of Underground Storage Tanks. Meeting with Dr. Wallace in Late June 1987.


UST2-1-C0-726 Office of Underground Storage Tanks. Notes of Meeting June 19, 1987 (UST3-1-C0-325)


UST2-1-C0-729A Steering Committee on Corrosion Control on Underground Storage Tank Systems - Minutes of June 11, 1987 Meeting.


UST2-1-C0-735A U.S. Environmental Protection Agency. Letter to David O'Brien from Robert W. Hillger.


UST2-1-C0-735C Package Design Systems. Various correspondence to and from A.L. Wokas.


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UST2-1-LC-036 Number not assigned.


Larry's Port Road Service. Letter from Larry La Bonte. Undated.


UST2-1-LC-064 A small business owner. (Unable to read signature). Received August 28, 1987.


Docket: UST2-3

ACTION TYPE: Supplemental Notice; Request For Comments

RULE NAME: Technical Standards

FR Number: Volume 52, Number 246

FR Date: December 23, 1987

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UST2-3-SB-018 OUST, "Interview With Tank Owner - Mr. James Barr. Ryder Truck Rental." Memo to Tom Schruben from Frank Hicks. May 27, 1987.


UST2-3-SB-027 Jacobs Engineering Group. "State of Virginia Report on Spills/Overfills and Other UST


UST2-3-SB-033 "Summary of ICF Tank Failure Analysis."


UST2-3-SB-038 "Tank System Status. Based on about 1900 tank tests mostly in Texas.

UST2-3-SB-039 "National Association of Corrosion Engineers (NACE) Steering Committee Meeting." June 22, 1987.


Tank Audit, Inc. "Are All Those Underground Tanks Leaking?" Presented at HAZCOM - 1987, Santa Clarera, CA.

Jacobs Engineering. Records of Various Phone conversations.


Swedish Corrosion Institute, 9th Scandinavian Corrosion Congress. Internal Cathodic Protection of Oil Storage Tanks - Evaluation of Practical Experience.


Submitted by American Petroleum Institute.


UST2-3-SB-067  MRI. Telephone Conversation between Jeffrey Mocker, MRI, and Fredrick Potter, Information Resources. No date.


UST2-3-SB-069  MRI. Telephone conversation between Jeffrey Mocker, MRI, and Dr. William Scheller, University of Nebraska. November 13, 1987.

UST2-3-SB-070  NJ Department of Environmental Protection. Telephone conversation between Gwenn Gebhard, EPA/OUST, and Michelle Raleigh.


Docket: UST2-3

ACTION TYPE: Comments for Supplemental Notice; Request For Comments

RULE NAME: Technical Standards

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<td>U.S. West Inc. (Mountain Bell, Northwestern Bell, Pacific Northwest Bell, Material Resources Inc.) January 18, 1988.</td>
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<td>&quot;Northeast States May Force Oil Firms to Alter Gas to Cut Exhaust Emissions.&quot; by William M. Bulkeley.</td>
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<td>UST2-3-CO-076F</td>
<td>Steel Tank Institute, Tank Talk. Volume 3, Number 1, January 1988.</td>
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ACTION TYPE: Notice of Data Availability - Supporting Background Documents and Comments

RULE NAME: Technical Standards

FR Number: Volume 53, Number 62

FR Date: March 31, 1988

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UST2-4-SB-017B  Tracer Research Corporation. Leak Test of an 80,000 Gallon Fuel Storage Facility at Tucson International Airport. May 1987.

UST2-4-SB-017C  Tracer Research Corporation. Tracer Leak Test of Underground Tanks at Langley AFB.


UST2-4-SB-017F Tracer Research Corporation. Demonstration Tracer Leak Test on 600,000 Gallon Underground Fuel Tank, Patuxent River Naval Air Station Patuxent River, Maryland. August 1987.


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UST2-4-CO-001  East Bay Municipal Utility District. Letter from Walter Bishop. April 22, 1988,

UST2-4-CO-002  Environmental Defense Fund. Letter from Kathie Stein. May 2, 1988
### Record Number | Record Information
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UST2-5-SB-002 | "Leak Detection Methods, Description of Classes". Undated.
UST2-5-SB-007 | European Report. April 30, 1987 (Draft)


UST2-5-SB-017  Environmental Monitoring and Services, Inc.  Ihor Lysyj; and U.S. Environmental Protection Agency, Robert Hillger, John S. Farlow and Richard Field.  **A Preliminary Analysis of Underground Tanks Used for CERCLA Chemical Storage.** Undated.


UST2-5-SB-018A  **FRP Coating Procedure.** Undated.


UST2-5-SB-036  ICF Incorporated. "Analysis of Must Study", memo from David Bauer to Karen Reed. June 26,
1987.


UST2-5-SB-042A OPW. "Various Brochures provided to support meeting with EPA/OUST January 14, 1988"


UST2-5-SB-103 Sidley & Austin. Letter from August MacBeth to Virginia Cummings. October 20, 1986.


UST2-5-SB-110 Camp Dresser & McKee, Inc. "Background Information on "de minimus". Memo from J. Curtis and B. Kolb to V. Cummings. October 14, 1986.


UST2-5-SB-117A AquaTrend, Inc. INOVASE - Particle Separation Plants. Undated.


UST2-5-SB-125 AquaTrend, Inc. "Engineering Data from InnovaSep". Undated.


UST2-5-SB-131 Technical Analysis No. 4: Pressurized Piping. (UST2-1-CO-57)


UST2-5-SB-138 Department of Transportation. "Summary of Liquid Pipeline Accidents Reported on Dot form 7000-1, from January 1, 1976."

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UST2-5-SB-140 Department of Transportation. "Summary of Liquid Pipeline Accidents Reported on Dot Form 7000-1 from January 1, 1977 through December 31, 1977".


UST2-5-SB-146B Department of Energy. "DuPont/South Carolina Dept. of Health and Environmental


Teleflex, Inc. "One Flexible Connector Makes All the Right Moves.". Undated.


UST2-5-SB-235A  Armor Shield of Ohio. "Proper Blast, Unacceptable Blast". (Photographs). Undated

UST2-5-SB-236  Sharp. Sales Brochure for the "Sharp Overfill". Undated.


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<td>UST2-5-SB-243</td>
<td>Failsafe Containment Systems Inc. Failsafe Containment Systems Retro-Fit Tank Liner, Retro-Fit Pipe Vaults and Tank Vaults.</td>
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<td>Armor Shield of Ohio. Letter from Bruce Sharp to John J. Hawley of Underwriters Laboratories.</td>
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<td>UST2-5-SB-245</td>
<td>Armor Shield of Ohio.&quot;FRP Repair Rule&quot;.</td>
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<td>UST2-5-SB-250</td>
<td>Armor Shield of Ohio. &quot;Internal Inspection to Precede 'Retro-Fit' Cathodic Protection of Tanks that are Ten Years or Older&quot;.</td>
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<td>UST2-5-SB-252</td>
<td>SCI. &quot;Impact of Subtitle I Regulation on Used Oil Recycling&quot;. Memo from Stuart Fribush to Phil Paparolis.</td>
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188.


Docket: UST2-6

ACTION TYPE: Response to Rulemaking Petition

RULE NAME: Technical Standards

FR Number: Volume 55, Number 82

FR Date: April 27, 1990

Record Number Record Information


Comments


SUMMARY OF COMMENTS

ADEQUACY OF WORDING IN LEAK DETECTION SECTION

Ref Section 280.43(c) and 280.30

One commenter (UST2-6-CO-2) found wording of the leak detection standard in Para. 280.43(c) ambiguous. The commenter suggested that the existing rule's phrase: "...portion of the tank that routinely contains product..." be more clearly identified as "...either a) the level at the top of the fill riser, or b) the level after the overfill protection device has stopped flow, and any overflow, including the product in the hose from the truck, has been drained into the tank." Following recommended procedures using overfill protection devices, the commenter further stated that any tank should be able to meet the tightness criteria definition in 280.43(c) after an overfill.

This commenter (UST2-6-CO-2) also questioned the Agency's verification of the design standard for overfill protection described in Para. 280.30. Leak prevention from this overfill protection design is ineffective if a hole exists below where the overfill protection stops product flow. This problem could be circumvented by tying the design criteria to the test criteria, namely, defining the portion of the tank that routinely holds product as quoted above.

RESPONSE TO COMMENTS

Ref Section 280.43(c) and 280.30

EPA did not request comments on these technical issues and does not intend to revisit them at this time.

SUMMARY OF COMMENTS

APPROPRIATENESS OF 30 MINUTE FLOW RESTRICTION AND ONE MINUTE ALARM

Docket: UST2-6

ACTION TYPE: Response to Rulemaking Petition, Comments

RULE NAME: Technical Standards

FR Number: Volume 55, Number 82

FR Date: April 27, 1990
Ref Section 280.20(c)(1)(ii)

Several commenters (UST2-6-CO-3, 4, 5, 6) commended the Agency's change to use of performance standards for spill and overfill requirements. One commenter (UST2-6-CO-5) approved of the performance standard concept, but thought the proposed 30-minute flow-restrictor requirement would unnecessarily increase the time and expense to fill USTs. Concerns raised include: a disincentive to fill USTs beyond the presently-mandated cut-offs because of the additional time required to complete the delivery; additional tank truck delivery time costing $75 - $90, while presenting safety hazards remaining on-site longer. This commenter also pointed out that the flow restriction performance standard example used by the Agency for larger tanks could cause spillage. According to the scenario, an operator would have 30 minutes to respond before overfill of a 10,000 gallon tank. However, this could mean two inches of space from the top, and, if the tank is tilted, overfill could occur. Doubts were also raised over the sufficient time a one-minute alarm allows for shutting off the flow to prevent after flow from reaching the top of the tank (UST2-6-CO-1).

RESPONSE TO COMMENTS

Ref Section 280.20(c)(1)(ii)

EPA agrees with commenters who believe performance standards are an environmentally protective option for spill and overfill requirements. The Agency disagrees with criticism that the criteria are unnecessarily strict. The commenter's concern that a 30 minute flow restrictor requirement would unduly add time and expense to a delivery misunderstands the intent and effect of the rule. The flow restrictor requirement was proposed as a warning against overfill, not for deliverers to use the 30 minutes to fill the remaining 100 gallons ullage. In fact, some portion of the ullage will be filled by the content of the delivery hose. Delivery hoses often have 20 gallons capacity and could drain in 5 minutes. The deliverer still has the option to stand by and continue to fill at the reduced rate, however, this requirement was written to allow deliverers a margin of safety (in ullage) to prevent overfills.

No new evidence was provided to contradict EPA's confidence in the one-minute reaction time allowed for alarms under the new standard. An alarm allows one minute reaction time at 400 gallons ullage before overfill. EPA continues to believe that the proposed performance standards are reasonable and protective especially considering the capability of the operator to manually override the automatic shut-off device, the capacity of the delivery hose to be drained into the tank after the automatic shut-off, and the possible increases in product levels due to tank tilt.

SUMMARY OF COMMENTS

BALL FLOAT VALVE FLOW RESTRICTOR DESIGN

Ref Section 280.20(c)(1)(ii)

One commenter (UST2-6-CO-1) questioned the use of ball float valves to slow the flow 30 minutes prior to reaching the top of the tank. A certification process for new ball float valves was recommended to ensure that the valves
meet the proposed requirement. The same commenter was also concerned that if overfilling takes place while using ball float valves, and the liquid connection is removed before the pressure in the ullage space has had a chance to decay, pressure in the ullage space could create a small geyser of product from the fill line. Additionally, fittings at the low end of a tilted tank become submerged in liquid before the ball float valve reaches the top of the tank. Solutions to these problems through ball float valves with coaxial Stage I vapor recovery require additional pipe and expense, including a great deal of excavation required for retrofits.

It was also noted that ball float valve overfill prevention for suction pumping systems, as recommended in the proposed regulation, is not accepted by the State Fire Marshal in the State of Michigan. If the ball float valve is used widely to prevent overfill as proposed, the NFPA 30A Committee and the Uniform Fire Code Committee should be cognizant of this fact and make appropriate references in their code.

RESPONSE TO COMMENTS

Ref Section 280.20(c)(1)(ii)

In keeping with its decision on the final rules promulgated on September 23, 1988, the Agency continues to believe that the use of flow restrictor ball float valves are adequate for spill and overfill prevention purposes. In fact, the Agency did not solicit comments on the adequacy/inadequacy of ball float valves per se. Thus, the commenter's performance questions do not warrant a response because they are beyond the scope of Agency's solicitation for comment.

The Agency recognizes that the Federal law on underground storage tanks allows more stringent State or local codes (i.e., State Fire Marshal in the State of Michigan).

SUMMARY OF COMMENTS

USE OF MANUAL OVERRIDE ON AUTOMATIC SHUTOFF DEVICES

Ref Section 280.20(c)(1)(ii)

One commenter (UST2-6-CO-1) also contended that the majority of automatic shutoff devices cannot be manually overridden, contrary to assumptions in the subject amendment. The commenter further recommended that manual override be prohibited on automatic shutoff devices since it allows the operator to overfill the UST.

RESPONSE TO COMMENTS

Ref Section 280.20(c)(1)(ii)
If a shut-off device cannot be overridden, then the product in the transfer hose must be safely managed to prevent a release into the environment. The Agency disagrees with the suggestion to prohibit manual override of automatic shutoff devices and continues to conclude this practice is appropriate in order to enable the tank filler to empty out the product remaining in the truck's transfer hose. The Agency continues to believe that automatic shutoff devices effectively satisfy overfill protection requirements and EPA did not solicit comments about prohibiting manual override of these devices.

SUMMARY OF COMMENTS

BENEFITS OF TIME-BASED PERFORMANCE STANDARD

Ref Section 280.20(c)(1)(ii)(C)

Some comments (UST2-6-CO-3, 4, 6) fully endorse the Agency's proposed amendment. Some additionally (UST2-6-CO-4, 6) pointed out that adopting a time-based performance standard would more efficiently utilize tank capacities to a better environmental effect, i.e., fuller tanks decrease petroleum product transportation and hazard (i.e., spillage through hose connections and disconnections), while increasing efficient supply to the American consumer. They also acknowledged that the time-based performance standard would also eliminate expenditures associated with more frequent deliveries, installation of larger-sized tanks to compensate for the excessive ullage requirement, and retrofitting tanks with inadequate overfill protection systems.

RESPONSE TO COMMENTS

Ref Section 280.20(c)(1)(ii)(C)

The Agency agrees with the commenters who believe that a time-based performance standard will more sensibly address the issues raised by API (the petitioner) relating to spills and overfill prevention of larger tanks. EPA continues to agree with the petitioner that the September 23, 1988 regulation needlessly reduced maximum tank storage capacity for larger tanks, and the proposed rule amendment will correct that unintended result with no loss to protection of the environment and public health.

SUMMARY OF COMMENTS

EMERGING TECHNOLOGIES FOR PERFORMANCE-BASED OVERFILL PREVENTION EQUIPMENT

Ref Section 280.20(c)(1)(ii)(C)

One commenter (UST2-6-CO-4) speculated that the proposed performance-based standard will accommodate emerging technologies for overfill prevention equipment which still afford the minimum response time deemed necessary by EPA to protect human health and the environment.
RESPONSE TO COMMENTS

Ref Section 280.20(e)(1)(ii)(C)

EPA agrees with the commenter foreseeing technological development to assist overfill prevention caused by this rulemaking. This provision is intended to encourage, not impede, continued development of new and improved spill and overfill prevention equipment.

EPA’s Delay in Publishing Final Rule

One commenter (UST2-6-CO-4) criticized the EPA for its delay in promulgating a final rule replacing the April 27, 1990 proposed rule on the overfill equipment standard. The commenter claims the delay has created various problems for its member companies:

New tank installations, upgrading, and maintenance are complicated by the legislative lag; states are finalizing their UST regulations without incorporating EPA’s proposed amendment as an option; revisions of the Uniform Fire Code do not reflect EPA’s proposed amendment; the lack of conclusive legislation has created confusion in the NFPA’s revision of its 30A document.

The commenter urges the EPA to publish a final amendment without further delay.

COMMENTERS

OPW; UST2-6-CO-1
Hasstech; UST2-6-CO-2
DOE; UST2-6-CO-3

API; UST2-6-CO-4
SIGMA; UST2-6-CO-5
Exxon; UST2-6-CO-6
SUMMARY: This document by the Environmental Protection Agency finalizes a technical amendment to the underground storage tank regulations. The Agency is adding to overfill design standards that require the use of overfill prevention equipment by allowing alternative uses of equipment located closer to the tops of larger tanks if it can be done in a manner that achieves certain minimum levels of performance. This technical amendment is issued to complete EPA's response to a petition for rulemaking.

FOR FURTHER INFORMATION CONTACT: The RCRA/Superfund Hotline at (800) 424-9346 (toll free) or 382-3000 (in Washington, DC).

SUPPLEMENTARY INFORMATION:

I. Background

On September 23, 1988 (53 FR 37082) EPA promulgated technical requirements under subtitle I of the Resource Conservation and Recovery Act (RCRA) for underground storage tanks containing petroleum or substances defined as hazardous under the Comprehensive Response, Compensation, and Liability Act of 1980 (CERCLA), except for substances regulated as a hazardous waste under subtitle C of the Resource Conservation and Recovery Act (RCRA). Those rules went into effect 90 days later on December 22, 1988. Today's document finalizes a technical addition to Section 280.20 of those final regulations where they address design requirements for overfill prevention equipment.

In a letter dated December 8, 1988, the American Petroleum Institute submitted a petition under section 7004(a) of RCRA requesting technical amendments to the final regulations. On April 27, 1990 the Agency published its decision to deny the petition for rulemaking in 5 issue areas (55 FR 17763). On that date the Agency also proposed to grant the petition's request in one technical issue area, and accordingly solicited public comment on a proposed technical amendment to the regulations in the design requirements for overfill equipment (55 FR 17767). In sum, the issue raised by API was whether or not the Agency should allow alternative environmentally protective ways for locating overfill prevention equipment on new and existing tanks not allowed under the final rules: particularly by allowing the use of some equipment located closer to the top of larger tanks (those greater than 4,000 gallons). EPA proposed to add a performance standard to the spill and overfill requirements in Section 280.20(c)(1)(ii) to address these technical questions.

Today, the Agency is finalizing the proposed performance standard to enable the use of numerous types of overfill equipment closer to the tops of larger tanks, as long as they achieve the minimum standards of performance.
required to prevent overfills.

II. Amendment of Spill and Overfill Prevention Requirements (Section 280.20(c)(1)(ii)(C))

Overfilling UST systems is a common source of petroleum releases onto the surface of the ground. EPA studies have found that UST owners and operators without overfill prevention equipment on their USTs often inadvertently force product into the environment through tank bung holes, vent lines, or fill ports when the volume of liquid delivered exceeds the tank's storage capacity. Sections 280.20(c) and 280.30 of the final regulations provide requirements for spill and overfill prevention that mandate UST owners and operators use prevention equipment as well as follow procedures for preventing spillage and overfills into the environment during each tank in-filling operation. More specifically, section 280.20(c)(1)(ii) of the existing rules requires that owners and operators prevent overfills by installing equipment with a design that will either: (1) alert the transfer operator when the tank is no more than 90 percent full by restricting the flow into the tank or triggering an alarm, or (2) automatically shut off flow into the tank when the tank is no more than 95 percent full.

On December 8, 1988, the American Petroleum Institute submitted a rulemaking petition requesting, in part, that EPA review and change the technical requirements for overfill prevention equipment. This petition identified a technical oversight in an assumption used to develop the rule's final design standards for where to locate overfill prevention equipment at the top of tanks, particularly as they are applied to larger tanks. In calculating the percent of tank capacity at which flow restrictors, alarms, or shut off devices should be triggered (see previous paragraph above), the final design standard was based on an assumed average tank size of 4,000 gallons. As pointed out by API in its petition, new tank sizes are likely to increase over time, particularly in the retail motor fuel sector. Therefore, under the design standard alternatives allowed under the existing regulation, the maximum tank capacity of larger tanks (i.e., 10,000 gallons) is needlessly restricted from the standpoint of protecting the environment. For example, under the existing rules, a 10,000 gallon tank equipped with a flow restrictor overfill prevention device can be filled only to 90% capacity (and necessitates 1000 gallon of ullage be left in the tank) to enable the operator sufficient time to respond and safely prevent an overfill by shutting off the product delivery after the on-set of the flow restrictor. In response to the petition, EPA proposed performance criteria for what constitutes a safe response time (see 55 FR 17767) using various types of equipment, and the Agency requested public comments on whether such additional standards allowing larger tanks to be filled to a much higher capacity would still be protective of human health and the environment.

The April 27, 1990 proposal consisted of an additional set of performance standards that could be used as another alternative to the existing overfill prevention design standards. The proposed overfill performance standards would allow use of equipment capable of:
* restricting flow 30 minutes prior to overfill,
* alerting the operator with a high level alarm one minute before overfilling, or
* automatically shutting off flow into the tank so that none of the fittings located on top of the tank are exposed to product due to overfilling.

The Agency chose these alternative performance criteria to present the minimum response times necessary to prevent overfills with the major types of available equipment and thereby protect human health and the environment. The proposed performance standards were intended to enable the location of the different types of overfill equipment sometimes even closer to the tops of the larger tanks, as long as the use of the equipment achieves one of these
proposed minimum levels of performance.

EPA received public comments concerning these proposed alternative performance standards. Some specific technical concerns received on the overfill performance criteria included such items as the potential for spillage from larger tanks that may be tilted, and the insufficient time a one-minute alarm allows for the operator to shut off the inflow of product before it reaches the top of the tank. All these technical issues addressed by the commenters were previously raised and considered when devising the existing overfill design standards promulgated September 23, 1988. Because the Agency did not solicit more comment on these technical questions (such as the adequacy of flow restrictor methods of overfill prevention), they were not considered in finalizing today's amendment. No new evidence or data were provided by commenters that called into question the basic design assumptions used by the Agency to guide the development of the overfill equipment standards.

One commenter believed the performance standard for flow restrictors was unnecessarily strict because the requirement to begin flow restriction 30 minutes prior to overfilling would unduly add time and expense to a delivery. EPA does not agree and believes the commenter does not understand the intent and effect of this rule. To set the record straight, the requirement for a flow restrictor (or some other type of equipment) is intended to simply serve as a warning device to the operator that the filling process is to stop and the remaining product in the delivery hose should be emptied into the tank. The equipment is not intended to alert the deliverers that it will take 30 minutes longer to completely fill the remaining 100 gallons ullage. The requirement grants a deliverer using flow restrictor equipment 30 minutes reaction time as a margin of safety. Within this 30 minute period, the delivery process must cease to prevent overfills.

EPA agrees with those commenters who support the proposed performance standards as an environmentally protective option for spill and overfill requirements (see 52 FR 17766). Several commenters recognized that adopting a time-based performance standard for overfill equipment provide the advantages of more efficient utilization of tank capacities. For example, some commenters identified that fuller use of tanks decrease petroleum product transportation and their associated delivery hazards (i.e., spillage through hose connections and disconnections), thereby increasing efficient supply to the American consumer. They also pointed out that time-based performance standards also eliminate various expenditures, including those associated with more frequent deliveries, installation of otherwise unnecessarily larger-sized tanks to compensate for the excessive ullage requirement, and retrofitting tanks with alternative overfill protection systems.

EPA expects that the existing overfill design standards will continue to be the requirement of choice by owners and operators with tanks smaller than 4,000 gallons. However, today's added performance standard alternatives will allow owners and operators, and equipment providers, to more sensibly address the petitioner's concerns that the September 23, 1988 regulation in several cases unnecessarily reduced maximum tank storage capacity for larger tanks. EPA has concluded that today's amendment provides some additional flexibility in the use of overfill equipment with no reduction in protection of human health and the environment.

III. Executive Order 12291

Under Executive Order 12291, EPA must judge whether a regulation is "major" and therefore subject to the requirement of a Regulatory Impact Analysis. Since this amendment simply increases the regulated community's
flexibility of implementation by adding some equally protective minimum performance standard alternatives to the existing overfill design standards, the amendment does not require a Regulatory Impact Analysis.

This document was submitted to the Office of Management and Budget for review as required by Executive Order 12291.
Docket: UST2-7

ACTION TYPE: Interim Final Rule

RULE NAME: Technical Standards

FR Number: Volume 56, Number 1

FR Date: January 2, 1991

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Docket: UST2-8

ACTION TYPE: Final Rule

RULE NAME: Technical Standards

FR Number: Volume 56, Number 156

FR Date: August 13, 1991

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ACTION TYPE: Notice of Data Availability

RULE NAME: Evaluation of the Potential for External Corrosion and Review of Cathodic Protection Monitoring Associated with sti-P3 Underground Storage Tanks Data Availability

FR Number: Volume 58, Number 204

FR Date: October 25, 1993

[FRL-4791-5]

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Comments

UST2-9-CO-001 Cayuga Onondaga, Board of Cooperative Services. Letter to Docket from Peter Pimie, Assistant Director for Personnel Relations, November 2, 1993


UST2-9-CO-016b KCL Projects Ltd. Kaempen & Associates' registration number with Underwriters Laboratories Inc. (UL)regd. TM

UST2-9-CO-017  Interface Services, Inc. Letter to Docket from Richard E. Flannigan, President, December 1, 1993.

UST2-9-CO-018  Alaskan Oil. Letter to Docket from Donald Neuerbaun, Vice President, December 1, 1993.


UST2-9-CO-020  Interface Services, Inc. Letter to Docket from Peter L. Barley, Vice President, December 1, 1993.


| UST2-9-CO-026 | Oil Equipment Sales, Inc. Letter to Docket from Joseph J. Dougherty, Secretary/Treasurer, December 6, 1993. |
| UST2-9-CO-038 | Advanced Pollution Control. Letter to Docket from Mark Krenelka, President, December 2, 1993. |
| UST2-9-CO-040 | Not Used |


Kelley Omega, Inc. Letter to Docket from William H. Kelley, President, December 3, 1993.


Center Point Tank Services, Inc. Letter to Docket from Roger J. Tartaglia, Sr., December 2, 1993.


Purvis Brothers, Inc. Letter to Docket from (Mu C. Purvis?), November 16, 1993.


Letter to Docket from C. Arlo Cummins, November 16, 1993.


UST2-9-CO-067  Cross Oil Corporation. Letter to Docket from James M. Cross, President, December 1, 1993.


UST2-9-CO-082  Francis Smith & Sons, Inc. Letter to Docket from Craig Smith, President, December 8, 1993.


UST2-9-CO-101  Not Used


UST2-9-CO-103  Not Used


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Childers Oil Company. Letter to Docket from Tim Caudill, UST Installer Remover, December 22,
1993.


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SICO Company. Letter to Docket from Charles W. Ricedorf, Vice President Commercial and Industrial, December 20, 1993.


Meter & Tank Equipment Company, Inc. Letter to Docket from Jean Pease, Office Manager, December 9, 1993.


Highland Tank & Manufacturing Company. Letter to Docket from Timothy Fabek, December 20,
1993.


UST2-9-CO-190  Lane & Clark Mechanical Contractors, Inc. Letter to Docket from Patricia Santos-Lane, President, December 10, 1993.


UST2-9-CO-197  Harris Oil Company, Inc. Letter to Docket from Wayne Harris, December 17, 1993.

UST2-9-CO-198  Emmart Oil. Letter to Docket from James C. Emmart, Vice President/Secretary, December 20, 1993.


UST2-9-CO-201  Letter to Docket from James Islintu, November 11, 1993.


UST2-9-CO-218  State of Missouri, Department of Natural Resources, Division of Environmental Quality. Letter to Docket from James F. Penfold, Acting Director, Water Pollution Control Program, December 22, 1993.


Director, December 26, 1993.


UST2-9-CO-223a3   Tank Talk, October 1989, Pages 5 & 7.


UST2-9-CO-223a5   Tank Talk, November 1990, Pages 3 & 5.


UST2-9-CO-223b3   National Association of Corrosion Engineers (NACE), NACE Standard RP-02-85.


UST2-9-CO-223b5   Petroleum Equipment Institute, PEI/RP 100-90.


UST2-9-CO-223c1   James B. Bushman, "Cathodic Protection of Underground Storage Tanks."

September 1986

UST2-9-CO-223c3 L.H. West, "Don't Bury It and Forget It...Cathodic Protection Needs Maintenance."


UST2-9-CO-223d1 ACT-100 Double Wall Composite Steel UST Advertisement (STI).


UST2-9-CO-223e1 Underwriters Laboratories, Inc. "External Corrosion Protection Systems for Steel UST--UL 1746."

UST2-9-CO-223e2 Tank Talk, Volume 5, Number 2, February 1990, Pages 1, 4, & 7.


UST2-9-CO-223I Fiberglass Petroleum Tank & Pipe Institute. "Leaker Analysis By Store Soil Corrosion Level and Tank Age Relationship; Philadelphia and Prince George County Tank Testing Results." No Date.

UST2-9-CO-223i1 "Tillinghast Study--Tank Age Profile." November 27, 1993.


Late Comments


UST2-9-LC-002  Chem Met, Ltd., P.C. Letter to Docket from James R. Divine, Ph.D., P.E., Chief Engineer, December 28,
Docket:  UST3-1

ACTION TYPE:  Proposed Rule

RULE NAME:  Financial Responsibility Requirements for Underground Storage Tanks Containing Petroleum

FR Number:  Volume 52, Number 74

FR Date:  April 17, 1987

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<td>&quot;Exchange of information on the ability of PMAA members to obtain insurance for underground storage tanks,&quot; Notes of Meeting. January 31, 1986.</td>
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<td>&quot;Exchange of information on NACS membership and the pollution liability insurance coverage offered to NACS members by The Planning Corporation,&quot; Notes of Meeting. February 7, 1986.</td>
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<td>&quot;Discuss of the ability of service station owners and operators to get bank loans to cover the costs of regulatory compliance including the costs of corrective action and the typical terms and costs of such loans,&quot; Notes of Meeting. June 5, 1986.</td>
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<td>Congressional Record-, Senate, pp. 13108-13154. September 19, 1986.</td>
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<td>UST3-1-SB-009</td>
<td>40 Federal Register 264 and 265 Subparts G and H. August 1, 1986.</td>
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Versar, Inc. Pollution Liability Insurance for the Onsers and Operators of Underground Storage Tanks.


ICF Incorporated. "Recent California Legislation Authorizing a State Insurance Pool for Public Entities," Memo to Sammy Ng from Paul Bailey and Savid Salvesen. November 21,


UST3-1-SB-035A  Analysis of Financial Test Criteria

UST3-1-SB-036  Memo to Sammy Ng from Judith Weintraub, Principal. November 24, 1986.


UST3-1-SB-036B  Analysis Performed to Determine Appropriate Aggregate Levels of Coverage.


UST3-1-SB-040  Memo to Mike Berg from Judith Weintraub, Principal. December 9, 1986.

UST3-1-SB-040A  Risk Retention Associations


UST3-1-SB-045  Versar Inc. "Insurance Carriers Known to be Currently Offering Pollution Liability Insurance Including Coverage for Underground Storage Tanks (USTs)," Memo to Paul Bailey, ICF from Elmer C. Holt, Jr. 02/04/87

"Summary of December 17, 1986 Meeting with Members of the Surety Bond Branch of the Department of the Treasury."


Environmental Protection Agency. "Discussion of the ability of service station owners and operators to get bank loans to cover the costs of regulatory compliance including the costs of corrective action and the typical terms and costs of such loans." Notice of meeting. June 5, 1986.
Docket: UST3-1  

ACTION TYPE: Proposed Rule, Comments  

RULE NAME: Financial Responsibility  

FR Number: Volume 52 Number 74  

FR Date: April 17, 1987  

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<td>Gordon C. Varn, Inc. Letter from Gordon C. Varn. May 4, 1987 (also listed as UST2-1-CO-8).</td>
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<td>UST3-1-CO-005</td>
<td>Kennedy Leasing Co. Inc. Letter from Jack McMahon, May 28, 1987 (UST2-1-CO-).</td>
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<td>UST3-1-CO-014</td>
<td>Arizona Automobile Dealers Assoc. Letter from Marvin Coonberg. June 3, 1987</td>
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Sport Oil Corp. Letter to Ron Brand from Glen Yanco, June 1, 1987 (UST2-1-CO-102) (UST4-1-CO-4).


ALLTEL Service Corporation, Letter from George Pearson, Received June 23, 1987 (UST2-1-CO-123).


UST3-1-CO-052  Columbian, The, Letter from John R. Smith, June 15, 1987

UST3-1-CO-053  Minnesota Public Interest Research Group, Letter from Barbara Berglund, June 1, 1987
               (UST2-1-CO-127)

UST3-1-CO-054  Turner Oil Co., Letter from S.C. Turner, June 18, 1987

UST3-1-CO-055  Charter Township of Brandon, Letter from Edwin Pierson, Edna Burton, and Robert McArthur,
               June 23, 1987. (UST4-1-CO-006)


UST3-1-CO-057  Austin, City of Letter from Ewing Evans, June 17, 1987 (UST2-1-CO-129)

UST3-1-CO-058  Skytrails Aviation, Letter from Mark G. Sullican, June 16, 1987 (UST2-1-CO-130)

UST3-1-CO-059  National Air Transportation Association Letter to Louis Wise from William Power, June 19, 1987
               (UST2-1-CO-133)

UST3-1-CO-060  Werner Aviation, Inc., Letter from Wayne DeCosta, June 22, 1987, (UST2-1-CO-134)


UST3-1-CO-063  Krystal Aviation Company, Letter from Eddie Bell, June 16, 1987 (UST2-1-CO-137)

UST3-1-CO-064  Front Range Airport, Letter from Neil Keddington, June 17, 1987 (UST2-1-CO-138)


UST3-1-CO-066  Princeton Aero Corp, Letter from R.S. Nierenbert, June 16, 1987 (UST2-1-140)

UST3-1-CO-067  Signal Aviation Services, Letter from E.G. Kittrell Smith, June 17, 1987 (UST3-1-CO-141)

UST3-1-CO-068  Sunwest Aviation, Letter from Steven Lindquist, June 17, 1987 (UST2-1-CO-142)

UST3-1-CO-069  Daljet, Inc., Letter from Larry Haley, June 17, 1987 (UST2-1-CO-143)

UST3-1-CO-070  Mobile Air Center, Inc., Letter from Patrick Varialli, June 17, 1987 (UST2-1-CO-144)

UST3-1-CO-071  Air Watertown (Wisconsin Aviation) Letter from Jeffrey Baum, June 18, 1987 (UST2-1-CO-145)

UST3-1-CO-072  Hawthorne Aviation, Letter from Thomas Zollars, June 18, 1987 (UST2-1-CO-7-146)
UST3-1-CO-073  Aberdeen Flying Service, Letter from James Caven, Recorded June 22, 1987 (UST2-1-CO-147)

UST3-1-CO-074  Foster Aviation Corporation, Letter from Steve Foster, June 15, 1987 (UST2-1-CO-148)

UST3-1-CO-075  West Houston Airport, Letter from Woody Lesikan, June 15, 1987 (UST2-1-CO-149)


UST3-1-CO-077  Million Air, Orange County, Letter from Tommy Walker, June 16, 1987 (UST2-1-CO-151)

UST3-1-CO-078  Million Air, Orange County, Letter from Tommy Walker, June 16, 1987 (UST2-1-CO-152)


UST3-1-CO-082  Combs Gate Bradley, Inc., Letter from Raymond Fitzgerald, June 16, 1987 (UST2-1-CO-156)


UST3-1-CO-084  Air Services International, Letter from Robert Wachs, June 16, 1987 (UST2-1-CO-158)

UST3-1-CO-085  Fort Wayne Air Service, Inc., Letter from John Dilley, June 16, 1987 (UST2-1-CO-159)


UST3-1-CO-087  Rogers Aviation, Inc., Letter from Howard Slinkard, June 16, 1987 (UST2-1-CO-161)


UST3-1-CO-090  Sanborn Aviation, Inc., Letter from G.S. Sanborn, June 17, 1987 (UST2-1-CO-164)

UST3-1-CO-091  Star Aviation, Letter from Daniel Custis, June 15, 1987 (UST2-1-CO-165)

UST3-1-CO-092  Walker's Aviation, Letter from Mark Lehmann, Received June 19, 1987 (UST2-1-CO-166)


UST3-1-CO-095  Duncan Aviation, Inc., Letter from Fred Matulka, June 16, 1987 (UST2-1-CO-169)
UST3-1-CO-098  Crystal Shamrock, Inc., Letter from Daniel Gilligan, June 16, 1987 (UST2-1CO-172)
UST3-1-CO-100  Jetco, Inc., Letter from Jeffrey Tolbert, June 18, 1987 (UST2-1-CO-174)
UST3-1-CO-101  Million Air, FXE, Letter from Corwin Zimmer, June 24, 1987 (UST2-1-CO-175)
UST3-1-CO-102  Lumanair Inc., Letter from Mike Luman, June 24, 1987 (UST2-1-CO-176)
UST3-1-CO-103  Snohornish Flying Service, Letter from Richard Harvey, June 23, 1987 (UST2-1-CO-177)
UST3-1-CO-105  Executive Air Center, Letter from Donald Dudley, June 25, 1987 (UST2-1-CO-179)
UST3-1-CO-109  Aero Services International, Inc., Letter from Chuck Navachick, Received June 19, 1987 (UST2-1-CO-183)

U.S. Environmental Protection Agency - Region VI Various Comments. May 27, 1987. (UST2-1-CO-191) (UST4-1-CO-8)


UST3-1-CO-154  Pacific Northern Oil.  Letter from David A. Waldschmidt.  July 9, 1987 (UST2-1-CO-258)


UST3-1-CO-158A  Garrett Peter, Marcel Moreau and Jerry D. Lowery, "Methyl Teriary - Butyl Ether": Octane and Pollution Enhancer."  (UST2-1-CO-268A) (UST4-1-CO-015A)


UST3-1-CO-165A Plasteel Inc. "Financial Responsibility, Annual Aggregate Coverage". Attachment (13)


UST3-1-CO-168A National Association of Texico Wholesalers, Inc. NATW Background Information. (UST2-1-CO-299A)

UST3-1-CO-169 Environmental Hazard Assessment Services West. Letter from David Miller. (UST2-1-CO-302)


UST3-1-CO-171 Buffalo Tank Corporation. No Signature. (UST2-1-CO-305)


Environmental Defense Fund. Submitted by David Boose, Karen Florini, Ellen Silbergeld, Kathy


UST3-1-CO-213C National Automobile Dealers Association. Series of articles on new dealers insurance market.


California Requirements for Underground Tank Monitoring Chart. Undated.


Virginia Manufacturers Association. Letter from Z.C. Dameron, Jr. (UST2-1-CO-529)


UST3-1-CO-255A Million Air Cleveland. Spill Prevention Control and Counter Measure Plan April 1987. (UST2-1-CO-577-A)


UST3-1-CO-325 Meeting Notes. Attendees: EPA/OUST; Counsel to Service Station Dealers of America; Counsel to the Society of Independent Gasoline Marketers of America and National Association of Convenience Stones; The Planning Corporation; and Small Business Administration. June 19, 1987. (UST2-1-CO-726)


UST3-1-CO-327 Meeting Notes. Attendees: EPA/OUST; Charles C. Abeles, Piper and Marbury; Dan Lewis, Director of Technical Services, American Public Power Association; Lawrence Mansueti, Staff Engineer, American Public Power Association; Karina Thomas, ICF Inc. July 10, 1987, Washington, DC.

UST3-1-CO-328 Meeting Notes. Attendees; EPA/OUST; Counsel for the National Association of Mutual Insurance Companies; American Insurance Association; National Association of Independent Property/Casualty Agents; Insurance Services Office; National Association of Independent Insurers; National Association of Mutual Insurance Companies and the Pollution Liability Insurance Association; National Association of Mutual Insurance Companies; and ICF. June 18, 1987.


Late Comments


Docket: UST3-3

ACTION TYPE: Supplemental Notice: Request for Additional Comments-Supporting Background and Comments

RULE NAME: Financial Responsibility for USTs Containing Petroleum

FR Number: Volume 53, Number 62

FR Date: March 31, 1988

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UST3-3-CO-017 National Association of Towns and Townships. Letter from Jeffrey Schiff. April 15, 1988.


UST3-3-CO-024 Service Station Dealers of America. Letter from Victor Rasheed. Received May 2, 1988.


UST3-3-CO-031 American Paper Institute/National Forest Products Association. Letter from Patricia Hill. May 2,


UST3-3-CO-048 Insurance Industry Representatives. Meeting Notes, with OUST. April 26, 1988.


UST3-3-CO-050 National American Wholesale Grocers' Association.


UST3-3-CO-052 Commonwealth of PA. Department of Environmental Resources. Letter from Daniel
Late Comments


Docket: UST3-4

ACTION TYPE: Final Rule

RULE NAME: Financial Responsibility

FR Number: Volume 53 Number 207

FR Date: October 26, 1988

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Docket: UST3-5

ACTION TYPE: Final Rule; Correction

RULE NAME: Underground Storage Tanks Containing Petroleum-Financial Responsibility Requirements and State Program Approval Objective; Correction

FR Number: Volume 53. Number 245

FR Date: December 21, 1988

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Docket: UST3-6

ACTION TYPE: Notice of Modification of Certification Compliance Date

RULE NAME: Financial Responsibility for Petroleum Underground Storage Tanks

FR Number: Volume 54, Number 22

FR Date: February 3, 1989

Record
Number Record Information


Docket: UST3-7

ACTION TYPE: Interim Final Rule

RULE NAME: Financial Responsibility for Underground Storage Tanks Containing Petroleum

FR Number: Volume 54, Number 216

FR Date: November 9, 1989

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Docket: UST3-8

ACTION TYPE: Interim Final Rule with Request for Comments

RULE NAME: Financial Responsibility for Underground Storage Tanks Containing Petroleum

FR Number: Volume 55, number 85

FR Date: May 2, 1990

Record
Number Record Information


Comments


Docket: UST3-9

ACTION TYPE: Proposed Rule

RULE NAME: Financial Self-test for Local Governments Subject to the Financial Responsibility Requirements for Underground Storage Tanks Containing Petroleum

FR Number: Volume 55, number 117

FR Date: June 18, 1990

Record Number Record Information


UST3-9-SB-006 The Sewer Authority of the City of Scranton Financial Statements; March 31, 1987.

UST3-9-SB-007 Fairfax County Water Authority, Merrifield, Virginia; Financial Statements and Supplemental Statements and Schedules for the year ended December 31, 1987 and 1986.


Calculation of Index, Nine Variables, Census Weights and Thresholds, Includes Enterprise Funds. Stafford Township, IN. March 13, 1990.


Bibliography of literary search.


Moody's Public Finance Department. Bond Investors Guaranty Insurance Company. February
1989.


UST3-9-SB-038  The FACTOR Procedure: Chapter 17.


UST3-9-SB-042  Minutes from 12/13/88 meeting at ICF Technology Inc. Transmitted to Sammy Ng and Linda Reidt Critchfield from Marion Cox and Alison Orr.

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<td>UST3-9-SB-045</td>
<td>Examination of Municipal Guarantee Issues.</td>
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<td>UST3-9-SB-046</td>
<td>ICF Incorporated Memorandum on Sample Analysis of Municipal Financial Statements to Stephanie Bergman from Tony Bansal and James Dickson. February 8, 1989.</td>
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<td>UST3-9-SB-047</td>
<td>ICF Incorporated Memorandum on Cities With Fewer than 2,500 Residents and an &quot;A&quot; Rating to Sammy Ng and Stephanie Bergman from James Dickson and Paul Blevins. April 4, 1989.</td>
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<td>UST3-9-SB-051</td>
<td>Letter from James Dickson (ICF Incorporated) to David Cook on Case Numbers of Municipal Bankruptcy Filings. May 22, 1989.</td>
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<td>UST3-9-SB-053</td>
<td>ICF Incorporated Memorandum on Relationship Between Special Districts and Other Government Entities to Stephanie Bergman from Tony Bansal, James Dickson, Chris Washaw. June 2, 1989.</td>
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<td>UST3-9-SB-056</td>
<td>USEPA Memorandum to the Record from Linda Reidt Critchfield on Conversation with Al Medioli. September 15, 1989.</td>
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UST3-9-SB-057  ICF Incorporated Memorandum on Research of General Obligation Bond Issues to Stephanie Bergman from Tony Bansal, James Dickson, Mary Barnicle. October 18, 1989.

UST3-9-SB-058  ICF Incorporated Memorandum on Costs of Closure per Household by Threshold Level from Barry Galef and Tony Bansal to Sammy Ng. April 19, 1990.


UST3-9-SB-061  U.S. Small Business Administration. Memorandum to Sammy Ng and Stephanie Bergman from Kevin Bromberg. April 13, 1990.

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UST3-9-CO-010  City of Thousand Oaks, California. Letter to Docket from Nancy Kierstyn Schreiner. August 16,
1990.


UST3-9-CO-012 King County Fire Protection District No. 43. Letter to Docket from Dwight B. Van Zanen. August 21, 1990.


UST3-9-CO-030  Churchill Township, PA. Form letter to Docket from Phyllis Bestrim, Sec./Treas.


UST3-9-CO-033  Springfield Township, OH. Form letter to Docket from Helen M. Schrader, Board of Trustees.


Docket: UST3-10

ACTION TYPE: Proposed rule.

RULE NAME: Financial Responsibility for Petroleum Underground Storage Tanks

FR Number: Volume 55, Number 130

FR Date: July 6, 1990

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ACTION TYPE: Final rule.

RULE NAME: Financial Responsibility for Petroleum Underground Storage Tanks

FR Number: Volume 55, Number 211

FR Date: October 31, 1990

RECORD

Number    Record Information

UST3-11-SB-001 Responses to Comments on a proposed rule to extend the financial responsibility compliance deadline for underground storage tanks.

Comments

Docket: UST3-12

ACTION TYPE: Proposed rule.

RULE NAME: Financial Responsibility for Petroleum Underground Storage Tanks

FR Number: Volume 56, Number 157

FR Date: August 14, 1991

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<td>UST3-12-CO-007</td>
<td>Gila River Indian Community. Letter to Docket from Thomas C. WHite, Governor, dated September 11, 1991.</td>
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City Council City and County of Honolulu. Letter to Docket from Raymond Pua transmitting Resolution No. 91-178 (CD-1).


UST3-12-CO-041 Board of County Commissioners, Jefferson County, Ohio. Letter to docket from Linda Porter. September 12, 1991.


Late Comments


UST3-12-LC-002 Maunaloa Service Station. Letter to docket from Mary Oshiro. September 13, 1991.


UST3-12-LC-005 State of New Jersey Department of Environmental Protection and Energy, Division of Responsible Party Site Remediation. Letter to docket from Karl J. Delaney with followup correction letter, dated September 19, 1991 and October 1, respectively.

UST3-12-LC-007 Corinne Hannon of East wenatchee, WA, sent letter to Sammy Ng, September 18, 1991.


Docket: UST3-13

ACTION TYPE: Final rule.

RULE NAME: Financial Responsibility for Petroleum Underground Storage Tanks

FR Number: Volume 56, Number 246

FR Date: December 23, 1991

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Docket: UST3-14

ACTION TYPE: Final Rule

RULE NAME: Financial Self-test for Local Governments Subject to the Financial Responsibility Requirements for Underground Storage Tanks Containing Petroleum

FR Number: Volume 58, Number 31
FR Date: February 18, 1993

Record Number Record Information


UST3-14-SB-008 ICF Incorporated. "Contacts to Determine Coverage of Local Government USTs Under State Financial Assurance Funds", Memorandum from Andrea Cousins, William Driscoll, James


Docket: UST3-15

ACTION TYPE: Proposed Rule

RULE NAME: Underground Storage Tanks Containing Petroleum; Financial Responsibility Requirements; Proposed Rule

FR Number: Volume 58, Number 157

FR Date: August 17, 1993

[FRL-4694-2]

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<td>UST3-15-SB-004</td>
<td>ICF Incorporated. &quot;Characteristics of Indian Tribes, Indian Lands and USTs on Indian Lands.&quot; Memorandum from William Driscoll, James Dickson, and Tony Bansal to Andrea Osborne. April 14, 1992</td>
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<td>UST3-15-SB-006</td>
<td>&quot;This is FmHA (USDA Farmers Home Administration).&quot; US Department of Agriculture. Revised January 1990</td>
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<td>UST3-15-SB-007</td>
<td>&quot;Discussion of Criteria for Extending Compliance Deadlines (Based on Comments Received by the Agency in Response to Proposed Regulations).&quot; EPA Office of Underground Storage Tanks</td>
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<td>UST3-15-SB-008</td>
<td>&quot;Country Store/Gasoline Marketers Interview.&quot;</td>
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<td>UST3-15-CO-015</td>
<td>Rick's Tire and Chevron Service. Letter to Docket from Richard Lee Hubbard, Owner,</td>
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UST3-15-CO-030  State of Missouri, Department of Natural Resources, Division of Environmental Quality. Letter to Docket from Nicholas A. DiPasquale, Director, Water Pollution Control Program, September 30, 1993.


UST3-15-CO-035  State of Ohio, Department of Commerce, UST Program. Telephone conversation with Andrea Osborne from Mike Williams, Director, October 4, 1993.


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<td>UST3-15-CO-056</td>
<td>Cost Gulf, Inc. Telephone conversation with Andrea Osborne from Blanche Cox, October</td>
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UST3-15-CO-057 NOT USED


INSERT
Summary and Response To Comments On August 17, 1993 Proposed Rule To Extend the Financial Responsibility Compliance Deadline For Certain Category IV Tank Owners
DOCKET: UST3-16

ACTION TYPE: Proposed Rule

RULE NAME: Underground Storage Tanks--Lender Liability; Proposed Rule

FR Number: Volume 59, Number 112

FR Date: June 13, 1994

[FRL-4895-3]

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<td>UST3-16-SB-002</td>
<td>Time Required for Draining USTs and Lines, memorandum from John Howell and Walter Gawlak, ICF to Shelley Fudge, EPA, August 8, 1993.</td>
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<td>UST3-16-SB-003</td>
<td>Ability of Banks to Use the Financial Self-Test, memorandum from Nathan Tiller and James Dickson, ICF, to Shelley Fudge, EPA, August 9, 1993.</td>
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<td>Market for Insurance to Cover Secured Creditors from Liability for Third-Party Property Damage and Bodily Injury, memorandum from James Dickson, ICF, to Shelley Fudge, EPA, August 8, 1993.</td>
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<td>UST3-16-SB-005</td>
<td>The Effects of Lender Liability on Petroleum Marketers, Petroleum Marketers Association of America, 1993 Survey Results.</td>
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UST3-16-SB-010 Meeting with the Resolution Trust Corporation, October 6, 1992, notes.

UST3-16-SB-011 Meeting with the Service Station Dealers of America, August 25, 1992.

UST3-16-SB-012 Meeting with the American Bankers Association, September 9, 1992, notes.

UST3-16-SB-013 Meeting with the Independent Bankers Association of America, September 24, 1992, notes.

UST3-16-SB-014 Meeting with the National Association of Convenience Stores and Society of Independent Gasoline Marketers of America, October 5, 1992, notes.

UST3-16-SB-015 Meeting with the Federal Deposit Insurance Corporation, June 15, 1993, notes.

UST3-16-SB-016 Telephone conversation between Shelley Fudge, EPA, and Glenn Harris, Small Business Administration, August 16, 1993, notes.


UST3-16-SB-023 Letter from David F. Bernard-Stevens, Senator, 42nd Legislative District, Nebraska State Legislature, February 3, 1993.

UST3-16-SB-024 Letter from Charles MacDonald, MacDonald Oil, Inc., March 22, 1993.


UST3-16-SB-028 Letter from J.B. Kirkpatrick, Quality Petroleum Corporation, February 24, 1993.


UST3-16-SB-031 Letter from Ron Schwindt, R & C Petroleum, February 8, 1993.


UST3-16-SB-040 Meeting with the UST Task Force Section of The Association of State and Territorial Solid Waste Management Officials, February 17, 1995. Notes.

UST3-16-SB-041 Presentation at DC briefing on Environmental Due Diligence, Lisa Lund, Acting director, OUST, April 18, 1995. Notes.

Comments

UST3-16-CO-001 Security State Bank. Letter to Docket from Rebecca Lindholm, Senior Vice President, June 27, 1994.


UST3-16-CO-004 West Virginia Bankers Association, Inc. Letter to Docket from Thomas A. Winner, President and CEO, July 28, 1994.

Kentucky Bankers Association (KBA). Letter to Docket from Ballard W. Cassady, Jr., Executive Vice President, August 1, 1994.

Independent Bankers Association of Texas (IBAT). Letter to Docket from Christopher L. Williston, CAE, President & CEO, August 4, 1994.


Lenz Oil Service, Inc. Letter to Docket from Mike Lenz, President, August 1, 1994.


The Bankers Roundtable. Letter to Docket from Alfred M. Pollard, Senior Director for Legislative Affairs, August 10, 1994.


The Farm Credit Council. Letter to Docket from Gary R. Dillinger, Assistant General Counsel and Assistant Corporate Secretary, August 10, 1994.


Boatmen's Bancshares, Inc. Letter to Docket from Nona L. Hancock, Corporate Environmental Manager, August 10, 1994.


NBD Bank, N.A. Letter to Docket from John J. Gargan, Second Vice President, Corporate Credit Compliance Officer, August 11, 1994.


Chemical Bank. Letter to Docket from Judah W. Bernstein, Vice President, Technical Services Unit, August 11, 1994.

California Bankers Association (CBA). Letter to Docket from Christopher E. Chenoweth, General Counsel, and Leland Chan, Associate Counsel, August 11, 1994.


State of North Carolina, Department of Environment, Health and Natural Resources, Division of Environmental Management (DEHNR). Letter to Docket from Arthur Mouberry, P.E., Chief, Groundwater Section, August 9, 1994.

Meridian Bancorp, Inc. Letter to Docket from Kathleen A. Wolfe, Assistant Vice President, Government Affairs Department, August 11, 1994.


Petroleum Marketers of Iowa (PMI). Letter to Docket from Ronald Marr, Managing
Director, August 11, 1994.

UST3-16-CO-035 Sinclair. Letter to Docket from Peter M. Johnson, Executive Vice President, August 12, 1994.


UST3-16-CO-038 National Air Transportation Association (NATA). Letter to Docket from Andrew V. Cebula, Vice President, Government and Industry Affairs, August 12, 1994.


UST3-16-CO-042 Savings and Community Bankers of America (SCBA). Letter to Docket from Randall H. McFarlane, Director, Government Relations, August 12, 1994.

UST3-16-CO-043 Ohio Bankers Association (OBA). Letter to Docket from Jeffrey D. Quayle, Vice President and General Counsel, August 12, 1994.


UST3-16-CO-045 Resolution Trust Corporation (RTC). Letter to Docket from Thomas P. Horton, Vice President, Division of Asset Management and Sales, August 3, 1994.

UST3-16-CO-046 Nebraska Bankers Association (NBA). Letter to Docket from Robert J. Hallstrom, General Counsel, August 12, 1994.

UST3-16-CO-047 Western District Farm Credit Council. Letter to Docket from Evan J. Hale, President, August 8, 1994.

UST3-16-CO-049  State of Maryland, Maryland Department of the Environment (MDE). Letter to Docket from Horacio Tablada, Administrator, Oil Control Program, August 9, 1994.

UST3-16-CO-050  Petroleum Marketers Association of America (PMAA). Letter to Docket from Mark S. Morgan, Regulatory Counsel, August 13, 1994. [postmark was August 12, 1994]


UST3-16-CO-052  State of Florida, Department of Environmental Protection. Letter to Docket from Lisa M. Duchene, Assistant General Counsel, August 12, 1994.

UST3-16-CO-053  Environmental Bankers Association (EBA). Letter to Docket from Dean Jeffery Telego, Executive Director, August 12, 1994.


UST3-16-CO-056  Midway National Bank. Letter to Docket from William J. Ritt, Chairman of the Board, President and Chief Executive Officer, August 12, 1994.

UST3-16-CO-057  Glover Nisbet Oil Company. Letter to Senator Bob Graham (Florida) from William Barnhart, Vice President Sales, July 9, 1994.


UST3-16-CO-060  Association of State and Territorial Solid Waste Management Officials (ASTSWMO). Letter to Docket from Michael Kanner, MN, ASTSWMO Tank Subcommittee Chair, August 9, 1994.

UST3-16-CO-061  Liberty Trust and Savings Bank. Letter to Docket from Dick Schoenig, Vice President, August 1, 1994.

UST3-16-CO-062  National Oil Recyclers Association (NORA). Letter to Docket from Christopher Harris, General Counsel, and Joanna L. Johnson, Counsel, August 11, 1994.

UST3-16-CO-064  Guardian Bank. Letter to Docket from Janet L. Petrey, Senior Vice President, General Counsel, August 12, 1994.


UST3-16-CO-066  Banc One Corporation. Letter to Docket from Roman J. Gerber, Executive Vice President, August 11, 1994.

Late Comments


UST3-16-LC-002  The Bankers Roundtable. Letter to Docket from Alfred M. Pollard, Senior Director for Legislative Affairs, December 20, 1994.


Insert

Information Gathered from State UST Programs for Preparation of Final UST Lender Liability Rule.
DOCKET NUMBER: UST3-17

ACTION TYPE: Final Rule

RULE NAME: USTs Containing Petroleum; Financial Responsibility Requirements

FR Number: Volume 59, Number 39

FR Date: February 28, 1994

[FRL-4842-6]

Record
Number Record Information

No records
DOCKET NUMBER: UST3-18

ACTION TYPE: Final Rule

RULE NAME: Underground Storage Tanks--Lender Liability; Final Rule

FR Number: Volume 60, Number 173

FR Date: September 7, 1995

[FRL-5292-1]

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Docket: UST4-1

ACTION TYPE: Proposed Rule

RULE NAME: State Program Approval

FR Number: Volume 52, Number 74

FR Date: April 17, 1987

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<td>UST4-1-SB-006</td>
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UST4-1-SB-010  **Regulation of Underground Storage Tanks, RCRA Subtitle I, Development Plan (Draft).** March 18, 1985.


UST4-1-SB-011C  "Approval of Revised SWDA Delegations of Authority -- DECISION MEMORANDUM," Memo to the Administrator from Howard M. Messner, Assistant Administrator.

UST4-1-SB-012  **List of State Program Approval Workgroup and State Contracts**


UST4-1-SB-013A  ICF Incorporated. **Underground Storage Tanks Summary of Selected Legal Requirements for State Programs.**


UST4-1-SB-015  **Federal Register.** Preamble on Hybrid Rule on Public Participation, Volume 46, No. 12, January 19, 1981.

UST4-1-SB-016  **Federal Register.** Background on Consolidated Permitting, Volume 45, No. 98, May 19, 1980.


UST4-1-SB-017A  Environmental Protection Agency. **Additional Guidance for Cooperative Arrangements Under Subtitle C of RCRA.** 1980.


Approval of State Programs under Subtitle I Statutory Checklist.

Improving Delegations of EPA Programs to the States. December 1982.


EPA Policy on Oversight on Delegated Environmental Programs. April 4, 1984.


"Underground Storage Tanks - State Program Approval." Preamble and Proposed Regulation.
Docket: UST4-1

ACTION TYPE: Proposed Rule, Comments

RULE NAME: State Program Approval

FR Number: Volume 52 Number 74

FR Date: April 17, 1987

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<tr>
<td>UST4-1-CO-004</td>
<td>Sports Oil Corp, Letter to Ron Brands from Glen Yanco, June 1, 1987 (UST2-1-CO-102) (UST3-1-CO-40)</td>
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<td>UST4-1-CO-005</td>
<td>Cadillac, City of, Michigan. Letter from John Saari, June 2, 1987 (UST2-1-CO-126)</td>
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<td>UST4-1-CO-008</td>
<td>Environmental Protection Agency Region 6. Submission of Comments Received Locally. May 27, 1987. (UST2-1-CO-191, UST3-1-CO-117)</td>
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UST4-1-CO-022A  State of Wisconsin. Department of Industry, Labor and Human Relations. "Rules in Final Draft form: Rule-Chapter ILHR 10 (formerly Ind 8), Relating to Flammable and Combustible Liquids, including Groundwater Protection Provisions" (UST2-1-CO-358-A) (UST3-1-CO-188-A)


UST4-1-CO-032  Rocky Mountain Oil and Gas Association. Letter from Jess Cooper. July 16, 1987 (UST2-1-CO-446) (UST3-1-CO-224)

UST4-1-CO-034 Conrad, Jim, Letter from July 6, 1987. (UST2-1-CO-534)


UST4-1-CO-045 Tuxedo Junction, Inc. Letter from Bob and Sani Allen. (UST2-1-CO-4)


UST4-1-CO-048 Kohlhaas (UST-2-1-EC-53).


UST4-1-CO-051  Environmental Protection Agency, Region 6. Submission of Comments Received Locally. May 27, 1987. (UST2-1-CO-191)


Late Comments


Docket: UST4-3

ACTION TYPE: Supplemental Notice; Request for Comments

RULE NAME: State Program Approval

FR Number: Volume 52, Number 246

FR Date: December 23, 1987

Record Number Record Information


Comments

UST4-3-CO-001 Environmental Defense Fund and Environmental Task Force Meeting notes with EPA/OUST. Submitted to Docket 11 January 1988.


UST4-3-CO-003 Gibbbarco Inc. Letter from S.P. Singh. January 20, 1988 (UST2-3-CO-12)


UST4-3-CO-007  American Gas Association. Letter from George B. Lawrence. January 22, 1988 (UST2-3-CO-20)

UST4-3-CO-008  American Petroleum Institute. Letter from Martha Beuchamp. January 22, 1988 (UST2-3-CO-2)


UST4-3-CO-010  Tank Liners Inc. Letter from Albert L. Knopf. January 21, 1988 (UST2-3-CO-34)


UST4-3-CO-012  Minnesota Pollution Control Agency. Letter from Richard Svanda. January 21, 1988 (UST2-3-CO-38)

UST4-3-CO-013  Service Station Dealers of America. January 22, 1988 (UST2-3-CO-39)


UST4-3-CO-020  Environmental Defense Fund Docket received January 22, 1988. (UST2-3-CO-49)

UST4-3-CO-021  Petroleum Marketers Association of America. Letter from Barbara Faulkner, January 21, 1988 (UST2-3-CO-50)
UST4-3-CO-021A  Petroleum marketers Association of America Letter Docket #3001, 3014/List of Used Oil, Recycled Oil. From Barbara Faulkner. Feb 10, 1986 (UST12-3-CO-050)


UST4-3-CO-023  Perma Pipe Submitted by Richard Eckfield. January 22, 1988 (UST2-3-CO-55)


UST4-3-CO-030  Interstate Natural Gas Association of America Letter from Lawrence J. Ogden. January 22, 1988 (UST2-3-CO-68)


Late Comments

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<tr>
<td>UST4-3-LC-006</td>
<td>The Environmental Task Force. Comments submitted by Morgan Gopnik, Staff Scientist.</td>
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<td>UST4-3-LC-014</td>
<td>United States Department of the Interior. Comments submitted by Martin L. Smith, Deputy Assistant Secretary of Policy, Budget and Administration. March 1, 1988.</td>
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Docket: UST4-4

ACTION TYPE: Final Rule

RULE NAME: State Program Approval

FR Number: Volume 53, Number 185

FR Date: September 23, 1988.

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Docket: UST5-1

ACTION TYPE: Report to Congress

RULE NAME: Exempt Tanks

FR Number: Volume 60 Number 176

FR Date:

[FRL-5277-6]

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UST5-1-SB-019A Handouts from Participants in the January 6, 1988 Internal Inspection Discussion Group.


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<td>UST5-1-SB-033</td>
<td>Fred C. Hart Associates, Inc. Structural and Engineering Differences Between Fuel Oil and</td>
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**Note:** The text above is a representation of the printed document content as provided. Some text appears to be cut off or incomplete due to formatting issues.


Early Comments


UST5-1-EC-007B Cardinal Fiberglass Industries. List of Underground Storage Tanks in West, South, North Central and North Eastern United States.


UST5-1-EC-008 Piper and Marbury. (UST2-1-EC-004)
UST5-1-EC-009  Kimberly-Clark (UST2-1-CO-074)

UST5-1-EC-010  Austin, City of, TX.  (UST2-1-CO-129)

UST5-1-EC-011  Maine, State of, Department of Environmental Protection.  (UST2-1-CO-268)

UST5-1-EC-012  Duke Power Company.  (UST2-1-CO-308)

UST5-1-EC-013  Phillips Petroleum Company.  (UST2-1-CO-338)

UST5-1-EC-014  Utility Solid Waste Activities Group.  (UST2-1-CO-362)

UST5-1-EC-015  RMT, Inc.  (UST2-1-LC-009)

UST5-1-EC-016  Department of the Navy.  (UST2-1-LC-010)

UST5-1-EC-017  GPU Nuclear Corporation.  (UST2-1-CO-567)

UST5-1-EC-018  Utah Department of Health.  (UST2-1-CO-575)

UST5-1-EC-019  General Electric Company.  (UST2-1-CO-623)

UST5-1-EC-020  Indiana Department of Environmental Management.  (UST2-1-CO-626)

UST5-1-EC-021  Virginia Petroleum Jobbers Association, Inc.  (UST2-1-CO-185)

UST5-1-EC-022  Portland, Oregon Bureau of Water Works.  (UST2-1-CO-196)

UST5-1-EC-023  Conservation Law Foundation of New England, Inc.  (UST2-1-CO-211)

UST5-1-EC-024  American Textile Manufacturers Institute, Inc.  (UST2-1-CO-233)

UST5-1-EC-025  Empire State Petroleum Association, Inc.  (UST2-1-CO-385)

UST5-1-EC-026  The Brooklyn Union Gas Company.  (UST2-1-CO-445)

UST5-1-EC-027  Fuel Merchant Association of New Jersey.  (UST2-1-CO-515)

UST5-1-EC-028  Ad Hoc Tank Coalition Meeting with Office of Underground Storage Tanks and Office of General Council.  (UST2-1-CO-705)

UST5-1-EC-029  New Jersey, State of.  Department of Environmental Protection.  (UST2-1-LC-49)

UST5-1-EC-030  Petroleum Marketers Association of America.  (UST2-1-PHW-21)
UST5-1-EC-031  Department of the Air Force.  (UST2-1-CO-344)
UST5-1-EC-032  Wisconsin, State of.  Department of Industry, Labor and Human Relations.  (UST2-1-CO-358)
UST5-1-EC-033  Minnesota Pollution Control Agency.  (UST2-1-CO-367)
UST5-1-EC-034  Independent Fuel Terminal Operators Association.  (UST2-1-CO-387)
UST5-1-EC-035  Alaska, State of.  Department of Environmental Conservation.  (UST2-1-CO-629)
UST5-1-EC-036  Amoco Corporation.  (UST2-1-CO-544)
UST5-1-EC-039  Massachusetts, State of.  DEQE.  "Town of Plainville Board of Health Regulations - Underground Storage of Hazardous Materials."
Docket: UST6-1

ACTION TYPE: Final Rule

RULE NAME: Consolidated Rules of Practice Governing the Administrative Assessment of Civil Penalties and Revocation or Suspension of Permits

FR Number: Volume 53, Number 36

FR Date: February 24, 1988

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<td>UST6-1-SB-003</td>
<td>9006 Regulatory Project Schedule.</td>
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<td>UST6-1-SB-006</td>
<td>General Procedures For Issuance of RCRA 3008(h) Orders.</td>
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<td>UST6-1-SB-007</td>
<td>Administrative Hearing Procedures for RCRA Section 3008(h) Orders.</td>
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UST6-1-SB-025  U.S. EPA. Informal Inter-agency comments on draft final rule. October 1987.


Early Comments


Docket: UST7-1

ACTION TYPE: Advanced Notice of Public Rulemaking (ANPRM)

RULE NAME: Financial Responsibility Requirements for USTs Containing Hazardous Chemicals

FR Number: Volume 53, Number 26

FR Date: February 9, 1988

Record Number Record Information


UST7-1-SB-008 ICF Incorporated, Feasibility Study: Risk Based Ranking of Chemicals in USTs, for Office of Policy, Planning and Evaluation, U.S. Environmental Protection Agency. September, 1986.


Comments


Docket: UST8-1

ACTION TYPE: Proposed Rule

RULE NAME: Issuance of and Administrative Hearing on RCRA Section 9003(h) Corrective Action Orders for Underground Storage Tanks.

FR Number: Volume 55, Number 158

FR Date: August 15, 1990

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Docket: UST8-2

ACTION TYPE: Final Rule

RULE NAME: Issuance of and Administrative Hearing on RCRA Section 9003(h) Corrective Action Orders for Underground Storage Tanks.

FR Number: Vol. 56, No. 188

FR Date: September 27, 1991

Record Number Record Information

Docket: UST9-1

ACTION TYPE: Notice


FR Number: Volume 62, Number 166

FR Date: August 27, 1997

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Docket: UST9-1-CO

ACTION TYPE: Notice

RULE NAME: Information Collection Activities Up for Renewal (ICR); Comment Request; Technical and Financial Requirements for Underground Storage Tanks, and State Program Approval Procedures

FR Number: 62FR45410

FR Date: August 27, 1997

Record Number Record Information

Docket: UST10-1

ACTION TYPE: Unified Agenda Notice

NOTICE NAME: Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (Section 610 Review) and Request for Comments.

FR Number: Volume 63, Number 80

FR Date: April 27, 1998

Record Number Record Information

UST10-1-SB-001 Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (Section 610 Review) and Request for Comments. Unified Agenda Notice, April 27, 1998.

UST10-1-SB-002 Results of Section 610 Review of the Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks.

RECORD TYPE: Public Hearing Testimony

Record Number Record Information
UST2-1-PHC, UST3-1-PHC, UST4-1-PHC Public Hearing Testimony - San Francisco, California, June 4-5, 1987
Richard Eckfield, Perma-Pipe Division/Medwesco Corporation
Rebecca Davis, Hunter Environmental Services
James S. White, ARCO Petroleum Products Company
Sondra Borders, Tank Liners, Inc.
Jim Campbell, Service Station Dealers of America and California Auto Service Association
Daniel I. Chadbourne, Jr., D.I. Chadbourne, Inc.
Ken McCoy, Raychem TraceTek
Carl Hasselback, Petroleum Marketers Association of America (PMAA)
Richard J. Sharpe, Plasteel, Inc.
Zachary Paige Grant, Golf Course Superintendents Association of America (GCSAA)
John A. Carson, Carson Oil Company
Daniel E. Hall, Society of Independent Gasoline Marketers of America
Clay Perry, National Association of Convenience Stores
Jane Jachimczyk, Oilmen's Insurance Plan
Ed Nieshoff, Ameron Fiberglass Pipe Division
Bill Marquis, Engineering Exploration Company (ENESCO)
William A. Kuharski, Utility Solid Waste Activities Group
Charles R. Lupco, American Petroleum Institute
Peter D. Gates, American Petroleum Institute

UST2-1-PHT, UST3-1-PHT, UST4-1-PHC Public Hearing Testimony - Dallas, Texas, June 1-2, 1987
Lavern Cary, Bridgeport Chemical Corporation, Inc., Thermoset Plastics, Inc.
Richard Eckfield, Perma-Pipe, Division of Midwesco, Inc.
Lavern Cary, Bridgeport Chemical Corporation, Inc., Thermoset Plastics, Inc.
Jeffrey L. Leiter, Society of Independent Gasoline Marketers of America
S.D. Curran, American Petroleum Institute
Ralph C. Gauer, Jr., Genelco Inc.
Wayne B. Geyer, Steel Tank Institute
Joe Pattok, American Petroleum Institute
Kirk Sniff, National Association of Convenience Stores
Tony Ippolito, American Petroleum Institute
Lyn Holmes, Diamond Shamrock Refining and Marketing Company
Jimmy C. Patton, National Automobile Association
William Kent, Petroleum Marketers Association of America
James Jaggers, Ohio Bell Telephone Company
Peter J. Jagergren, Pandel Instruments, Inc.

UST2-1-PHW, UST3-1-PHW, UST4-1-PHC Public Hearing Testimony - Washington, D.C., May 28, 1987
Richard Eckfield, Perma-Pipe, Division of Midwesco, Inc.
Elizabeth A. Treanor, American Petroleum Institute
Dan W. Pettus, Leak Detection Technology
Danny Miller, National Association of Convenience Stores
Edson F. White, P.E.
Paul W. Schmitt, Mine Safety Appliances Company
Charles W. Harding, Clawson Tank Company
Brian D. Donovan, Steel Tank Institute
Lavern Cary, Bridgeport Chemical Corporation, Inc., Thermoset Plastics, Inc.
Richard Wiehl, Petroleum Marketers Association of America (PMAA)
Jerry Wright, Airport Operators Council International
Rodrick Wallace, PISCS, Inc.
Gary Conkright, Rovanco Corporation
Brian Conron, Society of Independent Gasoline Marketers of America