

51 SW 1st Avenue, Miami, Florida 33130. Each person submitting comments should include his name and address, identify the bridge, and give reasons for any recommended change in the proposal. Copies of all written communications received will be available for examination by interested persons at the office of the Commander, Seventh Coast Guard District.

The Commander, Seventh Coast Guard District, will forward any comments received before May 20, 1974, with his recommendations to the Chief, Office of Marine Environment and Systems, who will evaluate all communications received and take final action on this proposal. The proposed regulations may be changed in the light of comments received.

In consideration of the foregoing, it is proposed that 33 CFR Part 117 be amended by revising § 117.463 to read as follows:

§ 117.463 Manatee River, Fla.; U.S. Route 41 drawbridge near Bradenton.

- (a) The draw shall open on signal from 6 a.m. to 7 a.m. and 9 a.m. to 4 p.m.
- (b) The draw need not open for the passage of vessels from 7 a.m. to 9 a.m. and 4 p.m. to 6 p.m.
- (c) From 6 p.m. to 6 a.m. the draw shall open on signal if at least three hours notice is given.
- (d) The draw shall open on signal from 6 a.m. to 6 p.m. for the passage of public vessels of the United States, tugs with tows and vessels in distress. From 6 p.m. to 6 a.m. the draw shall open as soon as possible for the passage of such vessels. The opening signal from such vessels is four blasts of a whistle or horn or by shouting.
- (e) During a hurricane alert issued by the United States Weather Bureau affecting the area the draw shall open on signal.
- (f) The owner of or agency controlling the bridge shall conspicuously post notices containing the substance of these regulations, both upstream and downstream, on the bridge or elsewhere, in such a manner that they may be easily read at all times from an approaching vessel.

(Sec. 5, 28 Stat. 362, as amended; sec. 6(g) (2), 80 Stat. 937 (33 U.S.C. 499; 49 U.S.C. 1655(g) (2)); 49 CFR 1.46(c) (5), 33 CFR 1.05-1(c) (4))

Dated: April 15, 1974.

R. I. PRICE,
Captain, U.S. Coast Guard, Deputy Chief, Office of Marine Environment and Systems, By direction of the Commandant.
[FR Doc.74-9128 Filed 4-19-74;8:45 am]

Federal Aviation Administration
[14 CFR Part 71]
[Airspace Docket No. 74-EA-25]
PROPOSED ALTERATION OF CONTROL ZONE AND TRANSITION AREA
Notice of Proposed Rule Making

The Federal Aviation Administration is considering amending §§ 71.171 and

71.181 of Part 71 of the Federal Aviation Regulations so as to alter the Erie, Pa., Control Zone (39 FR 378) and Transition Area (39 FR 488).

We plan to commission a new instrument landing system (ILS) to serve Runway 24 at Erie International Airport, Pa. A new procedure is in development based on the ILS. Additionally, a review of the airspace requirements of the Erie terminal area for conformance with Terminal Instrument Procedures (TERPs) indicates that alteration of the Erie, Pa. Control Zone and 700-foot floor Transition Area will be required.

Interested parties may submit such written data or views as they may desire. Communications should be submitted in triplicate to the Director, Eastern Region, Attn: Chief, Air Traffic Division, Department of Transportation, Federal Aviation Administration, Federal Building, John F. Kennedy International Airport, Jamaica, New York 11430. All communications received on or before May 13, 1974, will be considered before action is taken on the proposed amendment. No hearing is contemplated at this time, but arrangements may be made for informal conferences with Federal Aviation Administration officials by contacting the Chief, Airspace and Procedures Branch, Eastern Region.

Any data or views presented during such conferences must also be submitted in writing in accordance with this notice in order to become part of the record for consideration. The proposal contained in this notice may be changed in the light of comments received.

The official docket will be available for examination by interested parties at the Office of Regional Counsel, Federal Aviation Administration, Federal Building, John F. Kennedy International Airport, Jamaica, New York.

The Federal Aviation Administration, having completed a review of the airspace requirements for the terminal area of Erie, Pennsylvania, proposes the airspace action hereinafter set forth:

- 1. Amend § 71.171 of Part 71, Federal Aviation Regulations so as to delete the description of the Erie, Pennsylvania control zone and substituting the following in lieu thereof:

ERIE, PENNSYLVANIA

Within a 5-mile radius of the center, lat. 42°04'53" N., long. 80°10'43" W. of Erie International Airport, Erie, Pa.; within a 6-mile radius area of the center of the airport, extending clockwise from a 060° bearing to a 235° bearing from the airport; within a 9.5 mile radius of the center of the airport, extending clockwise from a 090° bearing to 175° bearing from the airport; within 3.5 miles each side of the Erie ILS localizer NE course extending from the 5-mile radius area to 8 miles NE of the OM.

- 2. Amend § 71.181 of Part 71, Federal Aviation Regulations so as to delete the description of the Erie, Pennsylvania 700-foot floor transition area and by substituting the following in lieu thereof:

ERIE, PENNSYLVANIA

That airspace extending upward from 700 feet above the surface within an 8.5 mile radius of the center, lat. 42°04'53" N., long.

80°10'43" W. of Erie International Airport, Erie, Pa.; within a 15.5 mile radius of the center of the airport extending clockwise from a 074° bearing to a 221° bearing from the Airport; within 4 miles each side of the Erie ILS localizer SW course, extending from the 8.5-mile radius area to 11 miles SW of the OM; within 5 miles each side of the Erie VORTAC 064° radial extending from the 8.5 mile radius area to 23.5 miles NE of the VORTAC.

* This amendment is proposed under section 307(a) of the Federal Aviation Act of 1958 (72 Stat. 749; 49 U.S.C. 1348) and section 6(c) of the Department of Transportation Act (49 U.S.C. 1655 (c)).

Issued in Jamaica, N.Y., on April 3, 1974.

JAMES BISPO,
Deputy Director,
Eastern Region.
[FR Doc.74-9074 Filed 4-19-74;8:46 am]

Office of Pipeline Safety
[49 CFR Part 192]
[Docket No. OPS-27; Notice 74-2]
PLASTIC PIPE
Qualification for Use

The Office of Pipeline Safety (OPS) is considering several amendments to Part 192 concerning qualifications for use of plastic pipe: Amendments to Appendices A and B would incorporate by reference the 1970 and 1971 editions of the American Society for Testing Materials (ASTM) Specification D2513, "Standard Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings." An amendment to § 192.123(c) would adopt a standard dimension ratio (SDR) of 21 in determining minimum wall thickness for plastic pipe. An amendment to § 192.59 would permit the use of special sizes of plastic pipe where pipe of a diameter included in a listed specification is impractical to use. Finally, a further amendment to § 192.59 would require, as a qualification for use, that plastic pipe manufactured after the effective date of the amendment be manufactured in accordance with the latest listed edition of a listed specification. Listed specifications are those in Section I of Appendix B to Part 192.

To qualify for use under Part 192, plastic pipe must be manufactured in accordance with a listed edition of a listed specification. At present, there are two listed editions of ASTM Specification D2513: the 1966T and 1968 editions. Pipe manufactured in accordance with the latest published edition of a listed specification cannot be used under Part 192 until that edition is accepted by OPS and listed in Section I of Appendix B. The 1970 and 1971 editions of ASTM D2513 have been reviewed by OPS and found to provide satisfactory safety criteria. The 1970 edition only contains minor differences from the earlier editions, including improvements in the requirements for quality control in the pipe manufacturing process. However, in addition to the minor changes included in the 1970 edition, the 1971 edition contains a significant change

from previous editions, and adds a new material to those already approved.

Subsequent to publication of the 1968 edition of ASTM D2513, industry recognized that designation of the higher density polyethylenes into one series (3300) covered a broad range of molecular weights. Since the physical properties of the high density end of the range differed considerably from those at the lower end, it was decided to call the higher density material "ultra-high density" and redesignate it the 3400 series. The 1970 and 1971 editions reflect this split into "high" and "ultra-high" density material. This new designation contributes to safety by more clearly defining the characteristics of the various families of plastics.

The 1971 edition of ASTM D2513 changes the maximum SDR of 26, as contained in earlier editions, to 21. The SDR is the ratio of outside pipe diameter to wall thickness. Experience in the gas industry indicates that an SDR of 26 is not acceptable for gas pipelines because of unpredictable external stresses that may result from construction and soil stress effects and the problems associated with making taps on pipelines under pressure designed to an SDR of 26. Instead, experience shows that an SDR of 21, or less, provides a safer design for plastic pipe. For these reasons, most manufacturers of plastic pipe have stopped making pipe designed to an SDR of 26 because of the lack of demand from gas operators. Accordingly, in the 1971 edition of ASTM D2513, the highest SDR included is 21.

The OPS considers the reasons underlying the ASTM change in SDR from 26 to 21 significant enough to propose that the lower ratio be established as the maximum for qualifying pipe under Part 192. The proposed amendment to § 192.123(c) provides that the wall thickness for thermoplastic pipe may not be less than the outside pipe diameter (OD), in inches, divided by 21. However, where the OD divided by 21 would be less than 0.062 inches, this dimension, which is the standard currently in effect, would continue to be the minimum wall thickness allowed. Under the proposed amendment, all plastic pipe manufactured to the 1971 edition of ASTM D2513, if it is incorporated by reference as a listed specification, would be acceptable because that edition contains a maximum SDR of 21. Plastic pipe manufactured to earlier listed editions of ASTM D2513, or other listed specifications, would not qualify for installation under Part 192 unless the ratio of outside diameter to wall thickness is 21, or less.

The 1971 edition of ASTM D2513 provides specifications for the new material "polybutylene." This material has been extensively tested by the gas and plastic industries in Europe and the United States, both in the laboratory and in the field, and consistently found acceptable in all respects. The proposed amendment would permit operators to use polybutylene pipe which is manufac-

tured in accordance with the 1971 edition of ASTM D2513.

Special sizes of plastic pipe of a diameter between the sizes included in a listed specification are important to the gas industry, particularly for insert renewal of mains and service lines where the outside diameter is limited by the size of the facility being replaced. Special insert fittings of a diameter between the sizes included in a listed specification are also frequently necessary for particularized applications. At present, however, these pipes may not be used under Part 192. Notwithstanding the special sizes involved, OPS believes that in-between sizes of plastic pipe manufactured to the same strength levels required of pipe included in a listed specification provide a comparable level of safety. It is therefore proposed to amend § 192.59 to permit the use of special sizes of new or used plastic pipe which meet the material, strength, and design criteria for pipe which is included in a listed specification. The proposal would not permit special size pipe to be used in all instances, but only where pipe of a diameter included in a listed specification is impractical to use. This limitation would preserve the safety advantages which accrue from the general use of sizes of pipe included in the listed specification, while permitting the use of special size pipe in certain unusual situations.

A further proposed amendment to § 192.59 would require, as a qualification for use, that plastic pipe manufactured after the effective date of the amendment be manufactured in accordance with the latest listed edition of a listed specification. In contrast to this, the present rule permits the use of plastic pipe manufactured in accordance with any listed edition of a listed specification. For example, where there are three listed editions of a listed specification, manufacture to any one of the three would suffice. The proposed amendment would preclude the use of pipe manufactured after the effective date of the amendment in accordance with an edition of a listed specification other than the latest edition listed at the time of manufacture. Although OPS recognizes that, as a practical matter, plastic pipe is usually manufactured for the gas industry in accordance with the latest edition incorporated by reference in Part 192, the present rule does permit the use of pipe newly manufactured in accordance with earlier editions which are also incorporated by reference. This situation could result in the use of pipe newly manufactured without all the safety improvements included in the latest listed edition of a listed specification. Such a result is not in the best interest of the public or the gas industry, especially when the technology, methods, and materials for plastic pipe are changing rapidly.

At the same time, stockpiled pipe manufactured to earlier listed editions of a listed specification meets the minimum standards of safety as the state of the art provided at the time of manufacture.

Except where improvements in a later listed edition of a listed specification make certain standards included in earlier listed editions unsatisfactory, the continued use of stockpiled pipe should not be precluded. Therefore, the use of stockpiled pipe manufactured in accordance with any listed edition of a listed specification before the effective date of the proposed amendment would continue to be permitted, except as its use may be precluded by the SDR of 21 proposal discussed above.

In consideration of the foregoing, it is proposed to amend 49 CFR Part 192 as follows:

1. In § 192.59, paragraph (a) (1) and (b) (1) would be amended and a new paragraph (c) would be added to read as follows:

§ 192.59 Plastic pipe.

(a) New plastic pipe is qualified for use under this part if—

(1) Except as provided in paragraph (c) of this section and § 192.123(c), when the pipe is manufactured, it meets the requirements of the latest listed edition of a listed specification, except that before (effective date) it may be manufactured in accordance with any listed edition of a listed specification; and

(b) Used plastic pipe is qualified for use under this part if—

(1) Except as provided in paragraph (c) of this section and § 192.123(c) when the pipe is manufactured, it meets the requirements of the latest listed edition of a listed specification, except that before (effective date) it may be manufactured in accordance with any listed edition of a listed specification;

(c) For the purpose of paragraphs (a) (1) and (b) (1) of this section, where pipe of a diameter included in a listed specification is impractical to use, pipe of a diameter between the sizes included in a listed specification may be used if it—

(1) Meets the strength and design criteria required of pipe included in that listed specification; and

(2) Is manufactured from plastic compounds which meet the criteria for material required of pipe included in that listed specification.

2. In Section II of Appendix A, subsection B.18, would be amended by adding "D2513-70" and "D2513-71" within the parenthetical expression.

3. In Section I of Appendix B, the next to the last item, beginning "ASTM D2513," would be amended by adding the numbers "1970" and "1971" within the parenthetical expression.

4. In § 192.123, paragraph (c) would be amended to read as follows:

§ 192.123 Design limitations for plastic pipe.

(c) The wall thickness for thermoplastic pipe may not be less than the larger of the following:

- (1) 0.062 inches; or
 (2) In accordance with the formula—

$$OD \\ t = \frac{OD}{21} \text{—where}$$

t = Wall thickness in inches.
 OD = Outside pipe diameter in inches.

Interested persons are invited to participate in this rule-making action by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket and notice numbers and be submitted in duplicate to the Director, Office of Pipeline Safety, Department of Transportation, Washington, D.C. 20590. All communications received on or before June 3, 1974.

This notice is issued under the authority of section 3 of the Natural Gas Pipeline Safety Act of 1968 (49 USC 1672), § 1.58(d) of the regulations of the Office of the Secretary of Transportation (49 CFR 1.58(d)), and the redelegation of authority to the Director, Office of Pipeline Safety, set forth in Appendix A to Part 1 of the regulations of the Office of the Secretary of Transportation (49 CFR Part 1).

Issued in Washington, D.C. on April 16, 1974.

JOSEPH C. CALDWELL,
 Director,
 Office of Pipeline Safety.

[FR Doc.74-9148 Filed 4-19-74;8:45 am]

[49 CFR Parts 192, 195]

[Docket No. OPS-25; Notice No. 74-3]

TRANSPORTATION OF NATURAL AND OTHER GAS AND HAZARDOUS LIQUIDS BY PIPELINE

Welding Requirements

This notice proposes to incorporate by reference sections 2.0, 3.0, and 6.0 of the 1971 (12th) edition of API Standard 1104 "Standard for Welding Pipe Lines and Related Facilities" into the Federal gas pipeline and liquid pipeline safety regulations, respectively Parts 192 and 195 of Title 49 of the Code of Federal Regulations. The notice also proposes certain changes in the regulations which would be necessary if the proposed incorporation by reference of the 12th edition is adopted, as well as editorial modifications for clarity.

The welding specifications in sections 2.0, 3.0, and 6.0 of the 1968 (11th) edition of API Standard 1104 are currently incorporated by reference in Parts 192 and 195. Part 192 incorporates all three sections, and Part 195 incorporates sections 3.0 and 6.0. Section 2.0 pertains to the qualification of welding procedures; section 3.0 pertains to the qualification of welders; and section 6.0 pertains to the standards of acceptability for nondestructive testing.

In a petition for rule making recommending that OPS adopt the 1971 edition, the American Petroleum Institute (API) stated that the 1971 edition contains no major substantive changes to the specifications in the 1968 edition but

does contain a number of editorial changes which clarify content and scope. The Office of Pipeline Safety (OPS) has reviewed the 12th edition and concurs in the API's characterization of changes. In addition, OPS believes that as a result of the changes, the 1971 edition reflects current field welding practices better than the 1968 edition.

The OPS recognizes that outright replacement of the 11th edition by the 12th edition could result in a hardship for welders qualified under § 192.227 and § 195.222 in accordance with the 11th edition. These welders would have to requalify in accordance with the 12th edition. A similar burden would be placed on operators who would have to requalify their existing welding procedures under § 192.225 in accordance with the 12th edition. The OPS does not believe that requalifications are justified on the basis of changes contained in the 12th edition. Consequently, the proposed amendments recognize the soundness of welding procedures and welders qualified under the 11th edition. The proposal would require, however, that after the amendments become effective the 12th edition be used when welding procedures qualified under the 11th edition are changed and requalified, new welders are qualified, or welders qualified under the 11th edition are requalified. Likewise, the acceptability of welds made after the effective date of the proposed amendments would be based on the 12th edition.

In consideration of the foregoing, the OPS proposes to amend Parts 192 and 195 of Title 49 of the Code of Federal Regulations as follows:

1. Section 192.225(a) would be amended to read as follows:

§ 192.225 Qualification of welding procedures.

(a) Each welding procedure must be qualified under section IX of the ASME Boiler and Pressure Vessel Code or section 2 of the 1971 edition of API Standard 1104, whichever is appropriate to the function of the weld, except that a welding procedure qualified under section 2 of the 1968 edition of API Standard 1104 before (effective date) may continue to be used but may not be requalified under that edition.

2. Section 192.227(a) (2) would be amended to read as follows:

§ 192.227 Qualification of welders.

(2) Section 3 of the 1971 edition of API Standard 1104 or, if qualified before (effective date), section 3 of the 1968 edition of API Standard 1104, except that a welder may not requalify under the 1968 edition.

3. Section 192.229(c) would be amended to read as follows:

§ 192.229 Limitations on welders.

(c) A welder qualified under § 192.227 (a) may not weld unless within the pre-

ceding 6 calendar months the welder has had one weld tested and found acceptable under section 3 or 6 of the 1971 edition of API Standard 1104 or, in the case of tests conducted before (effective date), section 3 or 6 of the 1968 edition of API Standard 1104.

4. Section 192.241(c) would be amended to read as follows:

§ 192.241 Inspection and test of welds.

(c) The acceptability of a weld that is nondestructively tested or visually inspected is determined according to the standards in section 6 of the 1971 edition of API Standard 1104.

5. Item II.A.8 of Appendix A of Part 192 would be amended to read as follows:

APPENDIX A—INCORPORATED BY REFERENCE

II. Documents incorporated by reference. A. American Petroleum Institute:

8. API Standard 1104 "Standard for Welding Pipe Lines and Related Facilities" (1968 and 1971 editions).

6. Section 195.222 would be amended to read as follows:

§ 195.222 Welders: Testing.

Each welder must be qualified in accordance with section 3 of the 1971 edition of API Standard 1104 or, if qualified before (effective date), in accordance with section 3 of the 1968 edition of API Standard 1104, except that a welder may not requalify under the 1968 edition.

7. Section 195.228 would be amended to read as follows:

§ 195.228 Welds and welding inspection: Standards of acceptability.

Each weld and welding must be inspected to ensure compliance with the requirements of this subpart. Visual inspection must be supplemented by nondestructive testing. The acceptability of a weld is determined according to the standards in section 6 of the 1971 edition of API Standard 1104.

8. In the table of section, § 195.228 would be amended to read as follows:

Sec.
 195.228 Welds and welding inspection:
 Standards of acceptability.

Interested persons are invited to participate in this rule-making action by submitting such written data, views, or arguments as they may desire. Communications should identify the regulatory docket and notice numbers and be submitted in duplicate to the Director, Office of Pipeline Safety, Department of Transportation, Washington, D.C. 20590. All communications received by June 3, 1974, will be considered by the Director before taking final action on the notice. All comments will be available for examination by interested persons at the Office of Pipeline Safety before and after the closing date for comments. The proposal contained in this notice may be changed in the light of comments received.

This notice is issued under the authority of section 3 of the Natural Gas Pipe-