

AMENDMENT TO RULES COMMITTEE PRINT 114-

32

OFFERED BY MR. BARLETTA OF PENNSYLVANIA

AND MR. LIPINSKI OF ILLINOIS

At the end of title VII, add the following:

1 **SEC. ____ . MINIMUM REQUIREMENTS FOR TOP FITTINGS**
2 **PROTECTION FOR CLASS DOT-117R TANK**
3 **CARS.**

4 (a) PROTECTIVE HOUSING.—Except as provided in
5 subsections (b) and (c), top fittings on DOT specification
6 117R tank cars shall be located inside a protective housing
7 not less than ½-inch in thickness and constructed of a
8 material having a tensile strength not less than 65
9 kilopound per square inch and conform to the following
10 specifications:

11 (1) The protective housing shall be as tall as
12 the tallest valve or fitting involved and the height of
13 a valve or fitting within the protective housing must
14 be kept to the minimum compatible with their prop-
15 er operation.

16 (2) The protective housing or cover may not re-
17 duce the flow capacity of the pressure relief device
18 below the minimum required.

1 (3) The protective housing shall provide a
2 means of drainage with a minimum flow area equiv-
3 alent to six 1-inch diameter holes.

4 (4) When connected to the nozzle or fittings
5 cover plate and subject to a horizontal force applied
6 perpendicular to and uniformly over the projected
7 plane of the protective housing, the tensile connec-
8 tion strength of the protective housing shall be de-
9 signed to be—

10 (A) no greater than 70 percent of the noz-
11 zle to tank tensile connection strength;

12 (B) no greater than 70 percent of the
13 cover plate to nozzle connection strength; and

14 (C) no less than either 40 percent of the
15 nozzle to tank tensile connection strength or the
16 shear strength of twenty ½-inch bolts.

17 (b) **PRESSURE RELIEF DEVICES.**—

18 (1) The pressure relief device shall be located
19 inside the protective housing, unless space does not
20 permit. If multiple pressure relief devices are
21 equipped, no more than 1 may be located outside of
22 a protective housing.

23 (2) The highest point on any pressure relief de-
24 vice located outside of a protective housing may not
25 be more than 12 inches above the tank jacket.

1 (3) The highest point on the closure of any un-
2 used pressure relief device nozzle may not be more
3 than 6 inches above the tank jacket.

4 (c) ALTERNATIVE PROTECTION.—As an alternative
5 to the protective housing requirements in subsection (a)
6 of this section, the tank car may be equipped with a sys-
7 tem that prevents the release of product from any top fit-
8 ting in the case of an incident where any top fitting would
9 be sheared off.

10 (d) IMPLEMENTATION.—Nothing in this section shall
11 be construed to require the Secretary to issue regulations
12 to implement this section.

13 (e) SAVINGS CLAUSE.—Nothing in this section shall
14 prohibit the Secretary from approving new technologies,
15 methods or requirements that provide a level of safety
16 equivalent to or greater than the level of safety provided
17 for in this section.

