

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.4.10.1</p> <p>-----NOTE----- Only required to be performed during RCS heatup and cooldown operations and RCS inservice leak and hydrostatic testing.</p> <p>----- Verify:</p> <p>a. RCS pressure and RCS temperature are to the right of the most limiting curve specified in Figures 3.4.10-1 through 3.4.10-3; and</p> <p>b. -----NOTE----- Only applicable when governed by Figure 3.4.10-2, Curve B, and Figure 3.4.10-3, Curve C.</p> <p>----- RCS heatup and cooldown rates are $\leq 100^{\circ}\text{F}$ in any one hour period; and</p> <p>c. -----NOTE----- Only applicable when governed by Figure 3.4.10-1, Curve A.</p> <p>----- RCS heatup and cooldown rates are $\leq 20^{\circ}\text{F}$ in any one hour period.</p>	<p>30 minutes</p>
<p>SR 3.4.10.2</p> <p>Verify RCS pressure and RCS temperature are to the right of the criticality limit (Curve C) specified in Figure 3.4.10-3.</p>	<p>Once within 15 minutes prior to control rod withdrawal for the purpose of achieving criticality</p>

(continued)

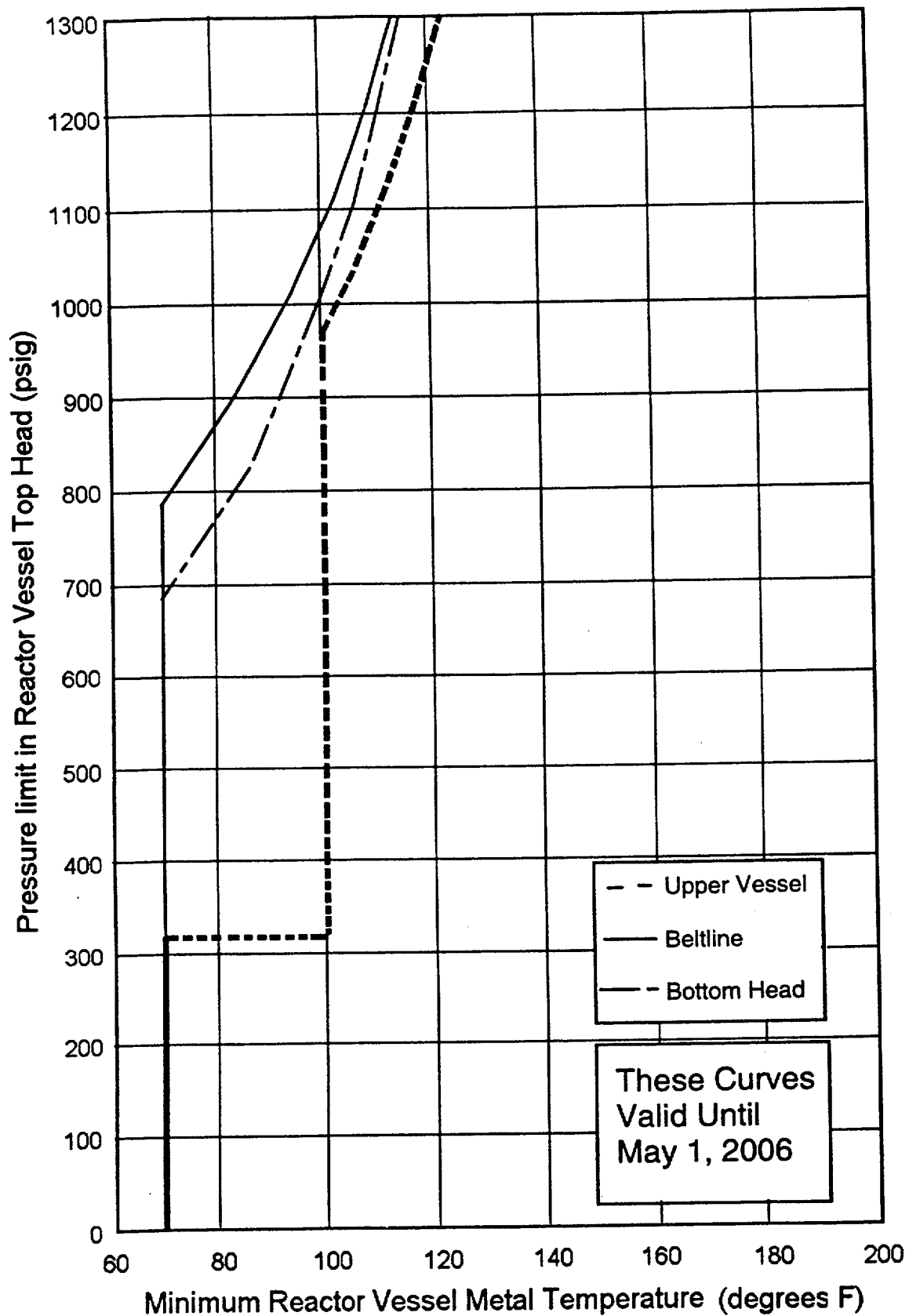


Figure 3.4.10-1
System Hydrotest Limit with Fuel in Vessel (Curve A)

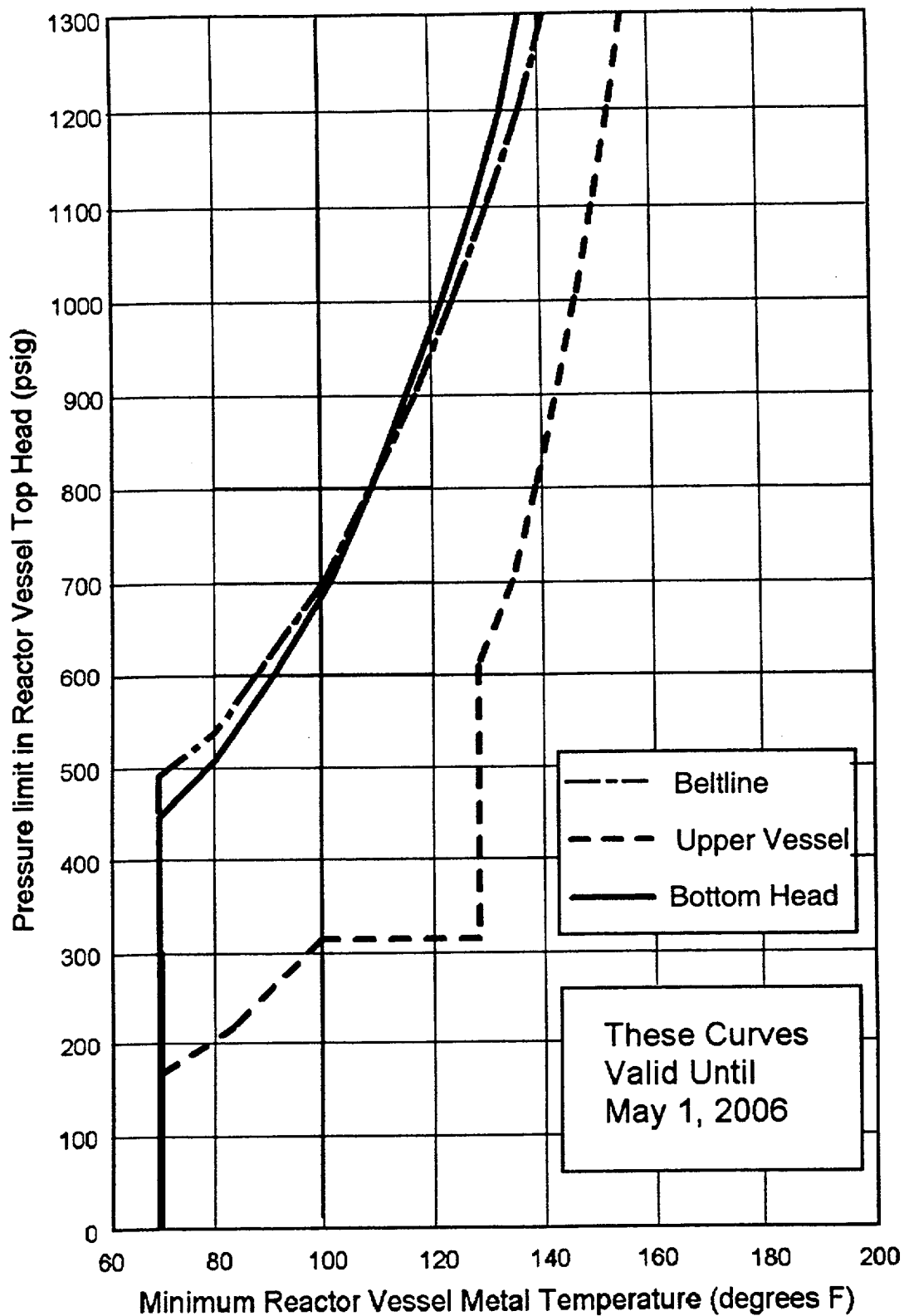


Figure 3.4.10-2
Non-Nuclear Heating Limit (Curve B)

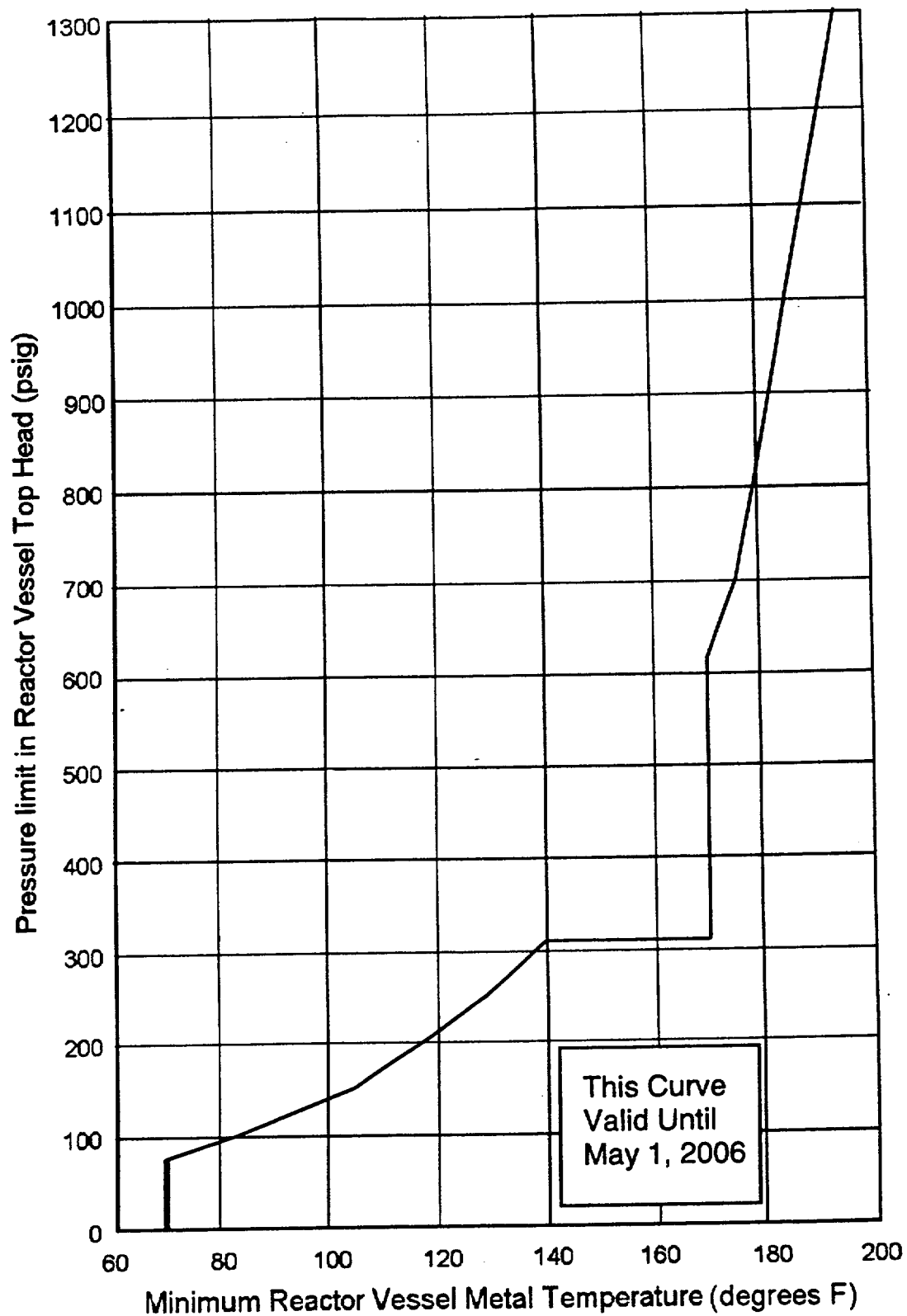


Figure 3.4.10-3
Nuclear (Core Critical) Limit (Curve C)

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<p>SR 3.4.10.1 -----NOTE----- Only required to be performed during RCS heatup and cooldown operations and RCS inservice leak and hydrostatic testing.</p> <p>----- Verify:</p> <p>a. RCS pressure and RCS temperature are to the right of the most limiting curve specified in Figures 3.4.10-1 through 3.4.10-3; and</p> <p>b. -----NOTE----- Only applicable when governed by Figure 3.4.10-2, Curve B, and Figure 3.4.10-3, Curve C.</p> <p>----- RCS heatup and cooldown rates are $\leq 100^{\circ}\text{F}$ in any one hour period; and</p> <p>c. -----NOTE----- Only applicable when governed by Figure 3.4.10-1, Curve A.</p> <p>----- RCS heatup and cooldown rates are $\leq 20^{\circ}\text{F}$ in any one hour period.</p>	30 minutes
<p>SR 3.4.10.2 Verify RCS pressure and RCS temperature are to the right of the criticality limit (Curve C) specified in Figure 3.4.10-3.</p>	Once within 15 minutes prior to control rod withdrawal for the purpose of achieving criticality

(continued)

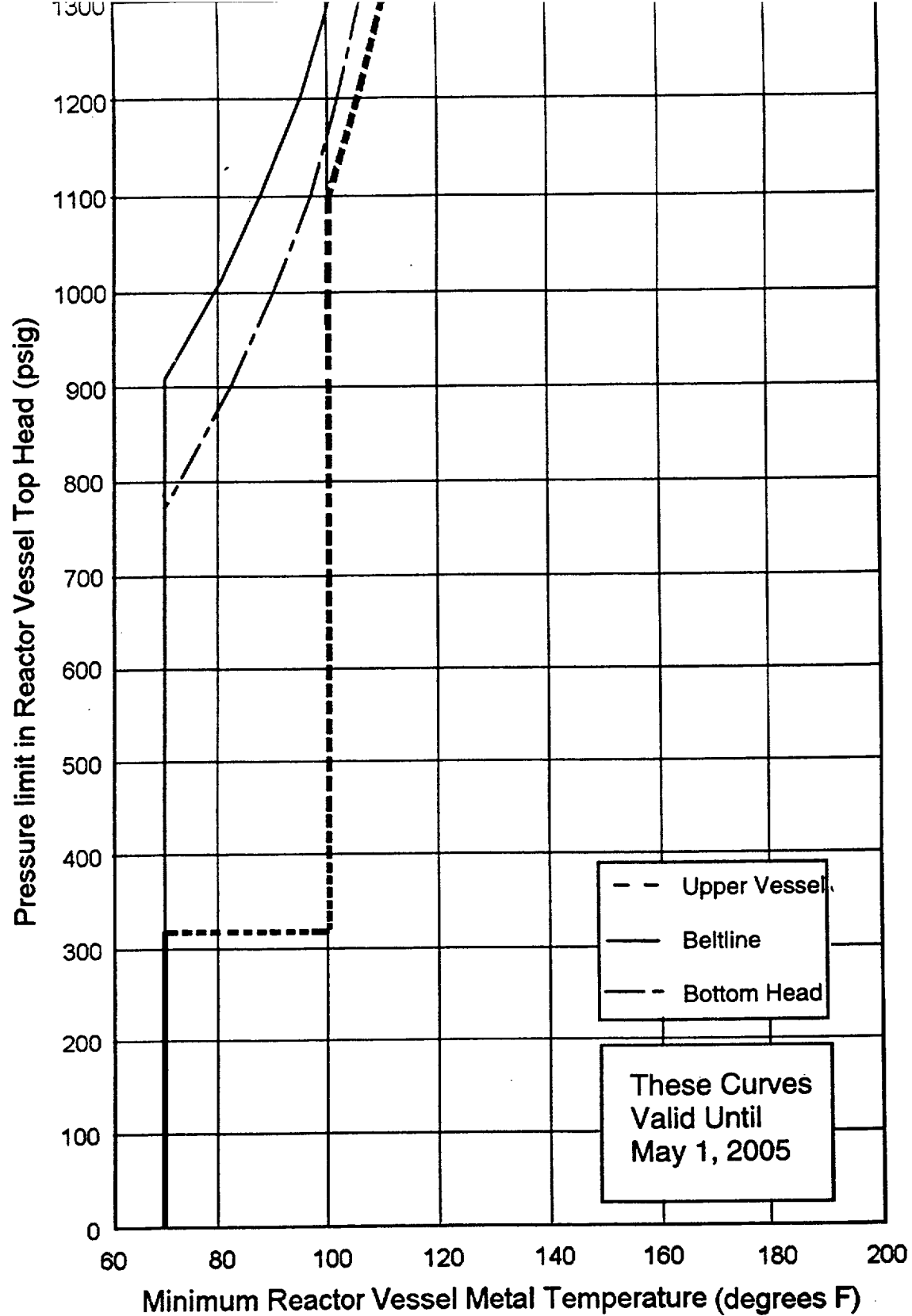


Figure 3.4.10-1
System Hydrotest Limit with Fuel in Vessel (Curve A)

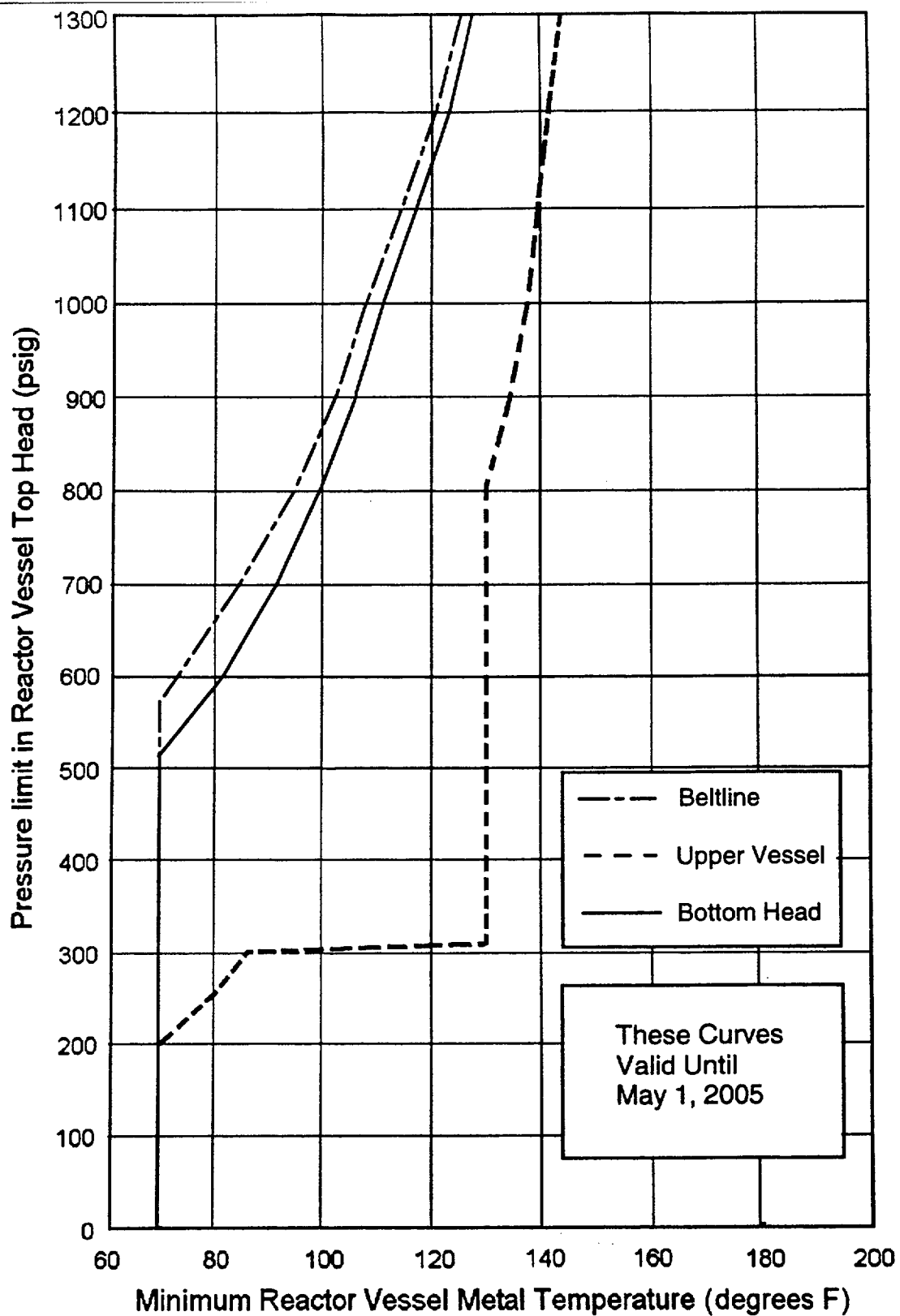


Figure 3.4.10-2
Non-Nuclear Heating Limit (Curve B)

SUSQUEHANNA - UNIT 2

Amendment 174

TS 3.4-30a.

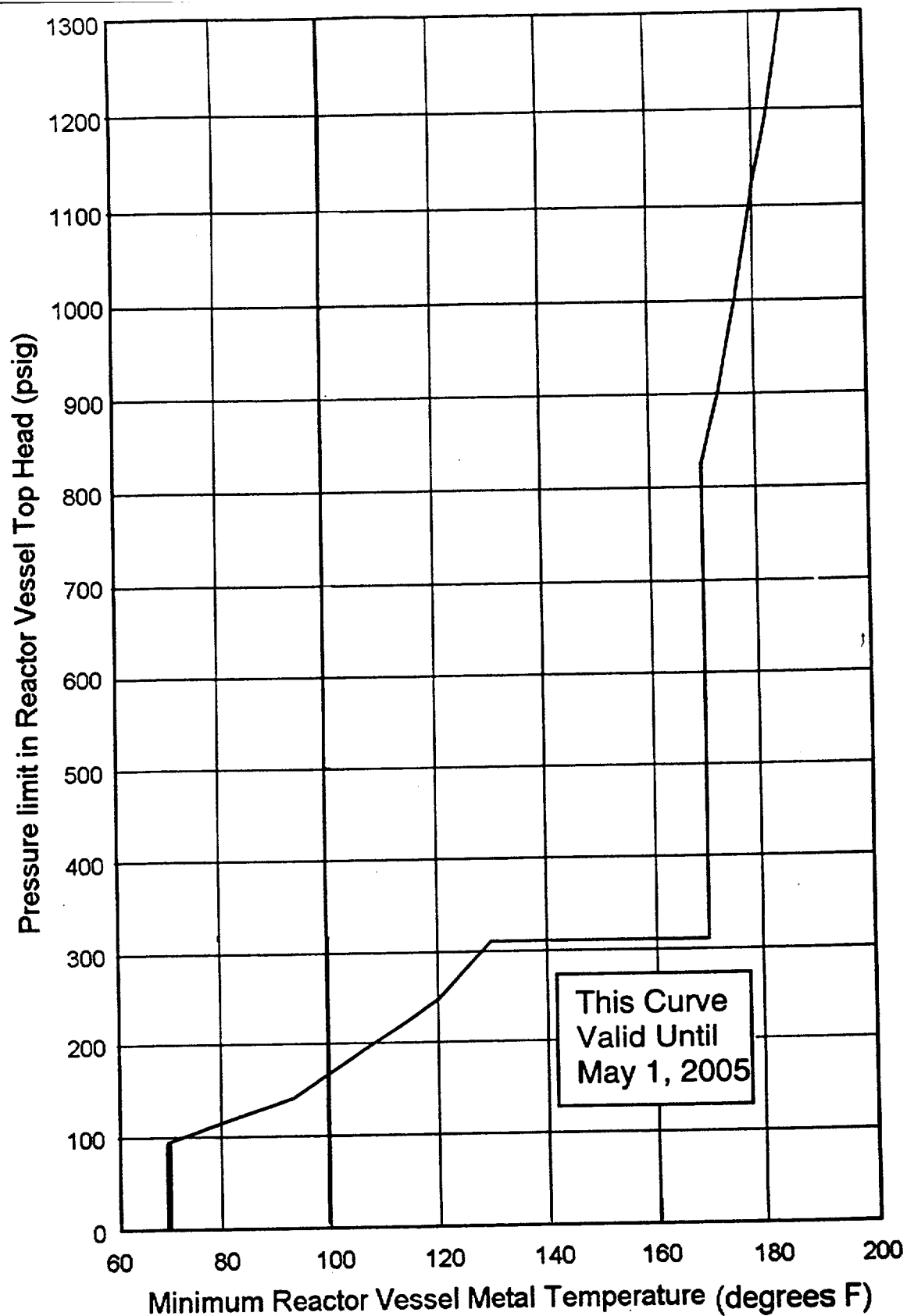


Figure 3.4.10-3
Nuclear (Core Critical) Limit (Curve C)

SUSQUEHANNA - UNIT 2

Amendment 174

TS 3.4-30b.