


July 7, 2004
U. S. Nuclear Regulatory Commission
Page 2

I declare under penalty of perjury that the foregoing is true and correct.

Respectfully,

Executed on 7-7-04



Kenneth A. Ainger
Manager, Licensing

Attachment 1: Markup of Proposed Technical Specifications Page Changes
Attachment 2: Retyped Pages for Technical Specifications Changes
Attachment 3: Affidavits and Proprietary General Electric Company Reports
Attachment 4: Non-Proprietary General Electric Company Reports

cc: Regional Administrator – NRC Region III
Senior Resident Inspector – LaSalle County Station
Illinois Emergency Management Agency – Division of Nuclear Safety

Exelon Generation
4300 Winfield Road
Warrenville, IL 60555

www.exeloncorp.com

RS-04-099

July 7, 2004

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Subject: Supplement to Request for Amendment to Technical Specifications
Section 3.4.11, "RCS Pressure and Temperature (P/T) Limits"

Reference: Letter from K. R. Jury (Exelon Generation Company, LLC) to U. S. NRC,
"Request for Amendment to Technical Specifications Section 3.4.11, 'RCS
Pressure and Temperature (P/T) Limits,'" dated January 31, 2003

In the referenced letter, Exelon Generation Company, LLC (EGC) requested a license amendment to revise Technical Specifications (TS) Section 3.4.11, "RCS Pressure and Temperature (P/T) Limits," to incorporate revised P/T curves for LaSalle County Station (LCS), Units 1 and 2. Subsequently, the vendor that performed the calculations for the P/T limits, General Electric (GE) Company, identified required changes to the proposed P/T limits and the supporting information.

Attachments 1 and 2 to this letter provide the TS markup pages incorporating the revised P/T limits for LCS. These pages replace in their entirety the TS pages provided in the referenced letter. Attachment 3 provides revised GE proprietary reports supporting the revised P/T limits. These GE reports replace in their entirety the reports provided in the referenced letter. Changes to the reports have been indicated by revision bars, and a summary of changes is provided on Page iii of each of the reports. Attachment 4 provides non-proprietary versions of the GE reports.

Requests for withholding this information from disclosure, in accordance with 10 CFR 2.390, "Public inspections, exemptions, requests for withholding," paragraph (a)(4), are provided in each report.

EGC has determined the enclosed information does not affect the finding of no significant hazards consideration provided in the referenced letter.

Should you have any questions concerning this submittal, please contact Mr. A. R. Haeger at (630) 657-2807.

AP01

ATTACHMENT 1

MARKUP OF PROPOSED TECHNICAL SPECIFICATIONS PAGE CHANGES

Revised TS Pages

3.4.11-3

3.4.11-6

3.4.11-7

3.4.11-8

3.4.11-9

3.4.11-10

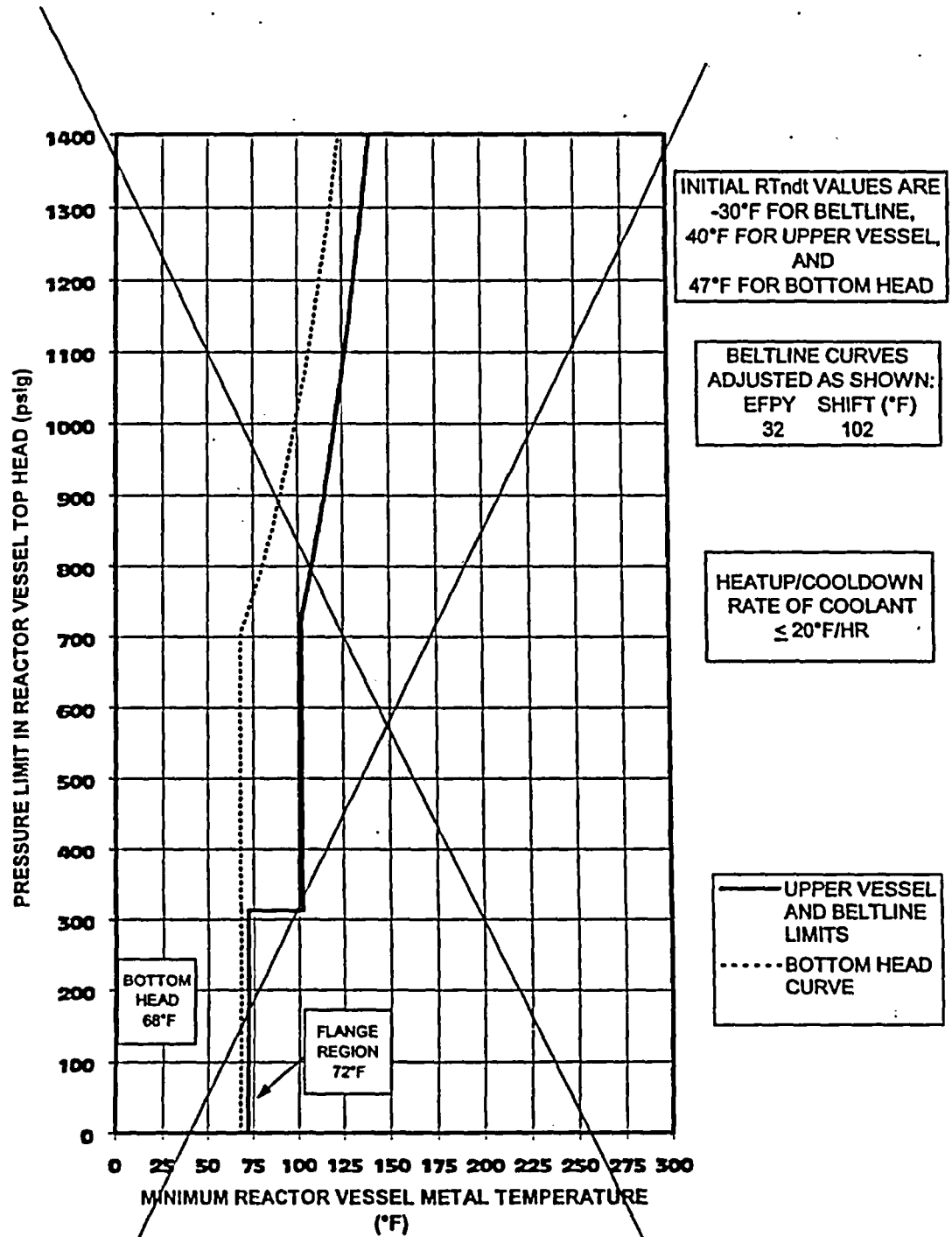
3.4.11-11

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.4.11.1 -----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 within the applicable limits specified in Figures 3.4.11-1, 3.4.11-2, 3.4.11-3 for Unit 1; and Figures 3.4.11-4, 3.4.11-5, and 3.4.11-6 for Unit 2;</p> <p>b. RCS heatup and cooldown rates are $\leq 100^{\circ}\text{F}$ in any 1 hour period; and</p> <p>c. RCS temperature change during system leakage and hydrostatic testing is $\leq 20^{\circ}\text{F}$ in any one hour period when the RCS pressure and RCS temperature are not within the limits of Figure 3.4.11-2 for Unit 1 and Figure 3.4.11-5 for Unit 2.</p>	<p>30 minutes</p>
<p>SR 3.4.11.2 Verify RCS pressure and RCS temperature are within the criticality limits specified in Figure 3.4.11-3 for Unit 1 and Figure 3.4.11-6 for Unit 2.</p>	<p>Once within 15 minutes prior to control rod withdrawal for the purpose of achieving criticality</p>

UP TO 20 EFPY

(continued)



P-T Curves for Hydrostatic or Leak Testing

Figure 3.4.11-1 (Page 1 of 1)

Unit 1

Minimum Reactor Vessel Metal Temperature vs.
Reactor Vessel Pressure (Valid until December 15, 2004)

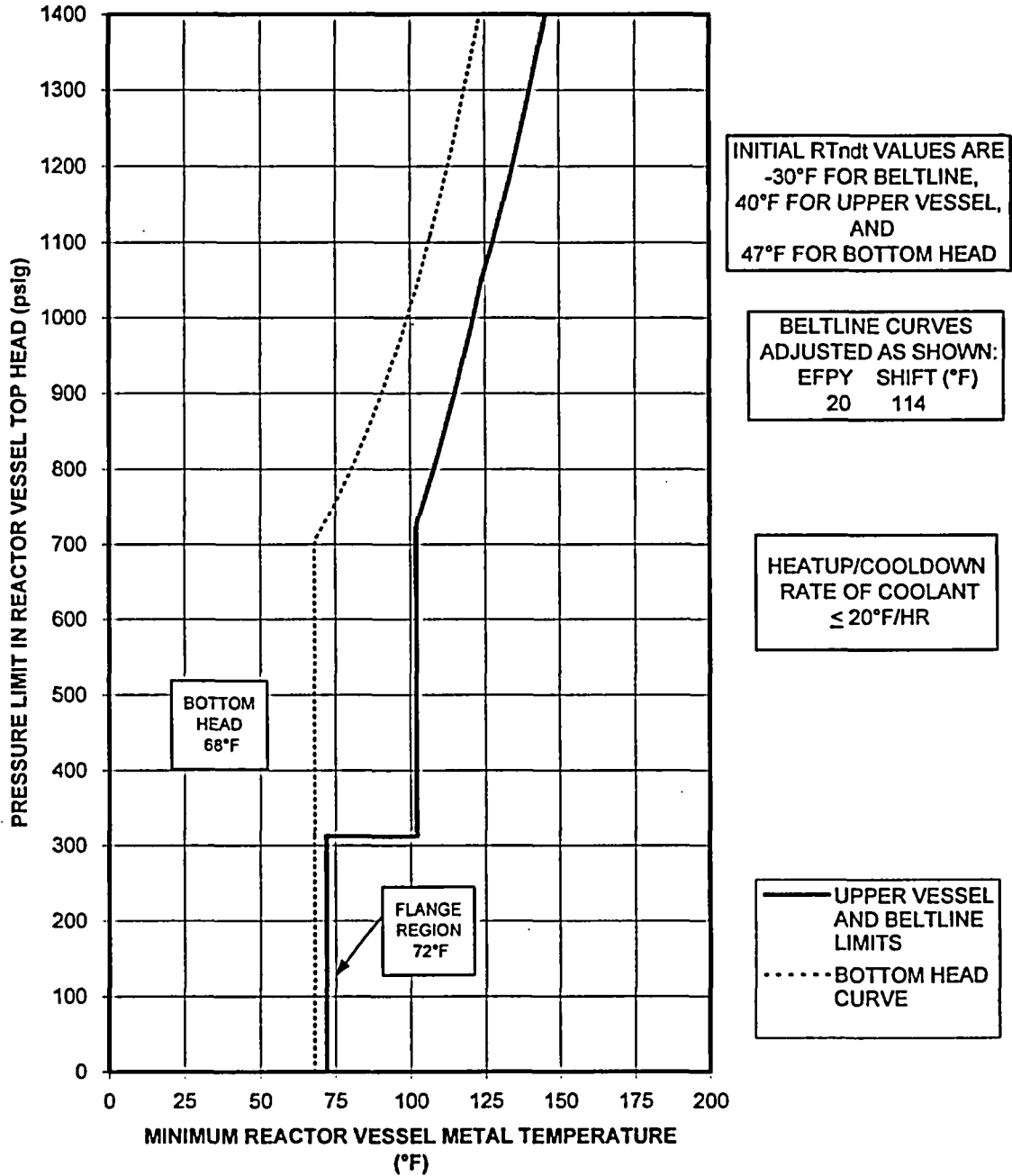
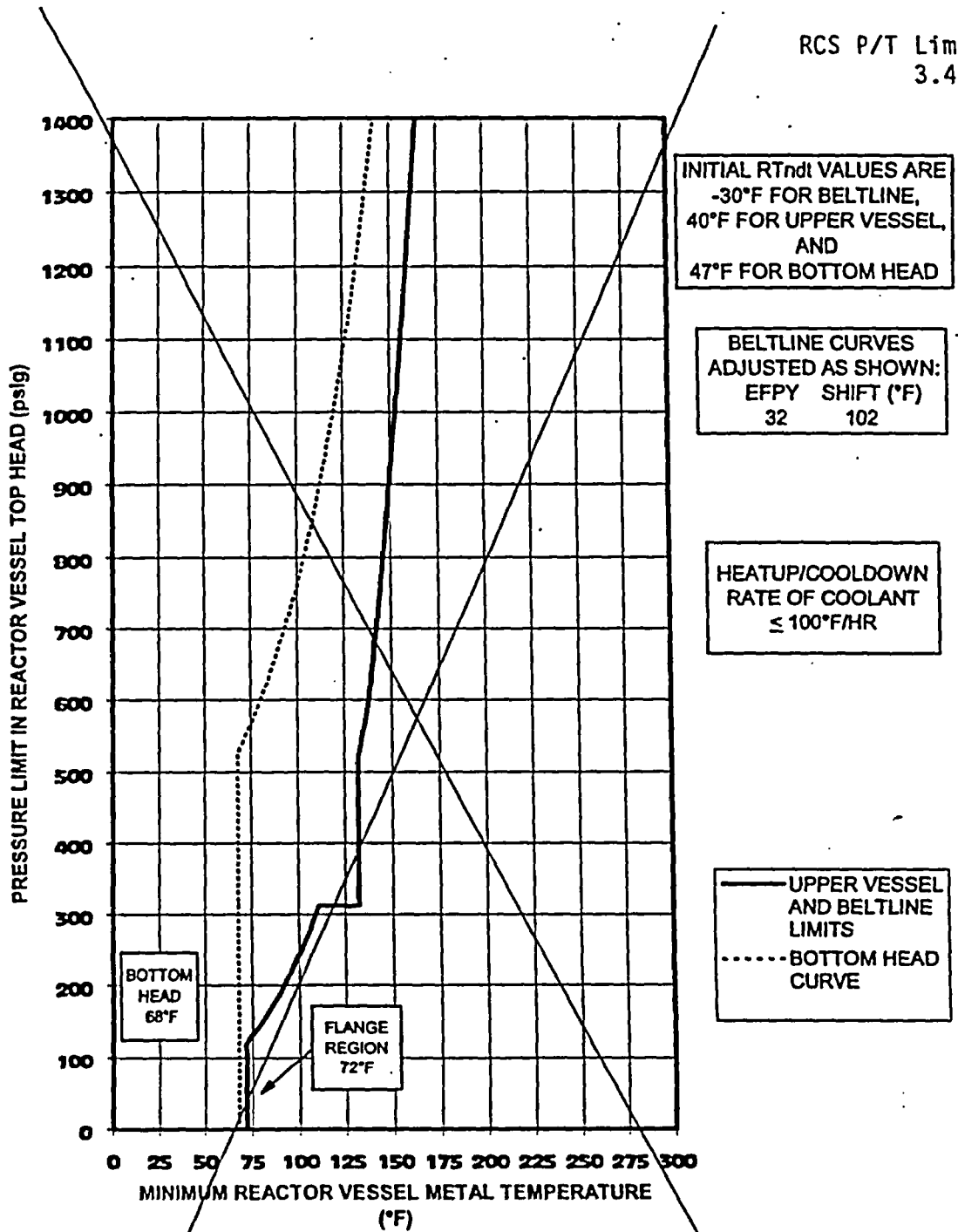


Figure 3.4.11-1 (Page 1 of 1)
Unit 1
P-T Curves for Hydrostatic or Leak Testing up to 20 EPFY



P-T Curves for Heatup by Non-Nuclear Means, Cooldown Following
A Nuclear Shutdown and Low Power Physics Testing

Figure 3.4.11-2 (Page 1 of 1)

Unit 1
Minimum Reactor Vessel Metal Temperature vs.
Reactor Vessel Pressure (Valid until December 15, 2004)

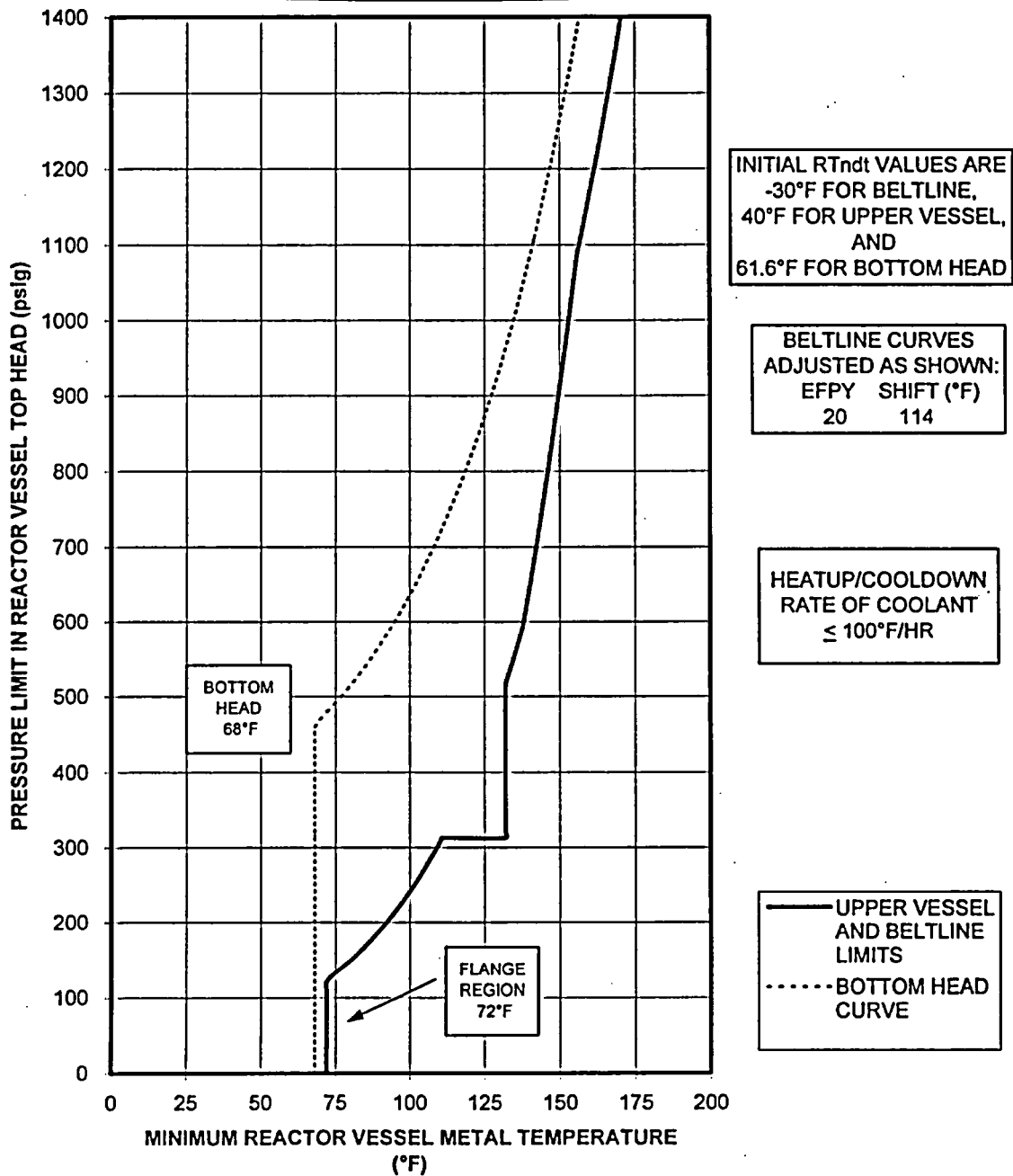
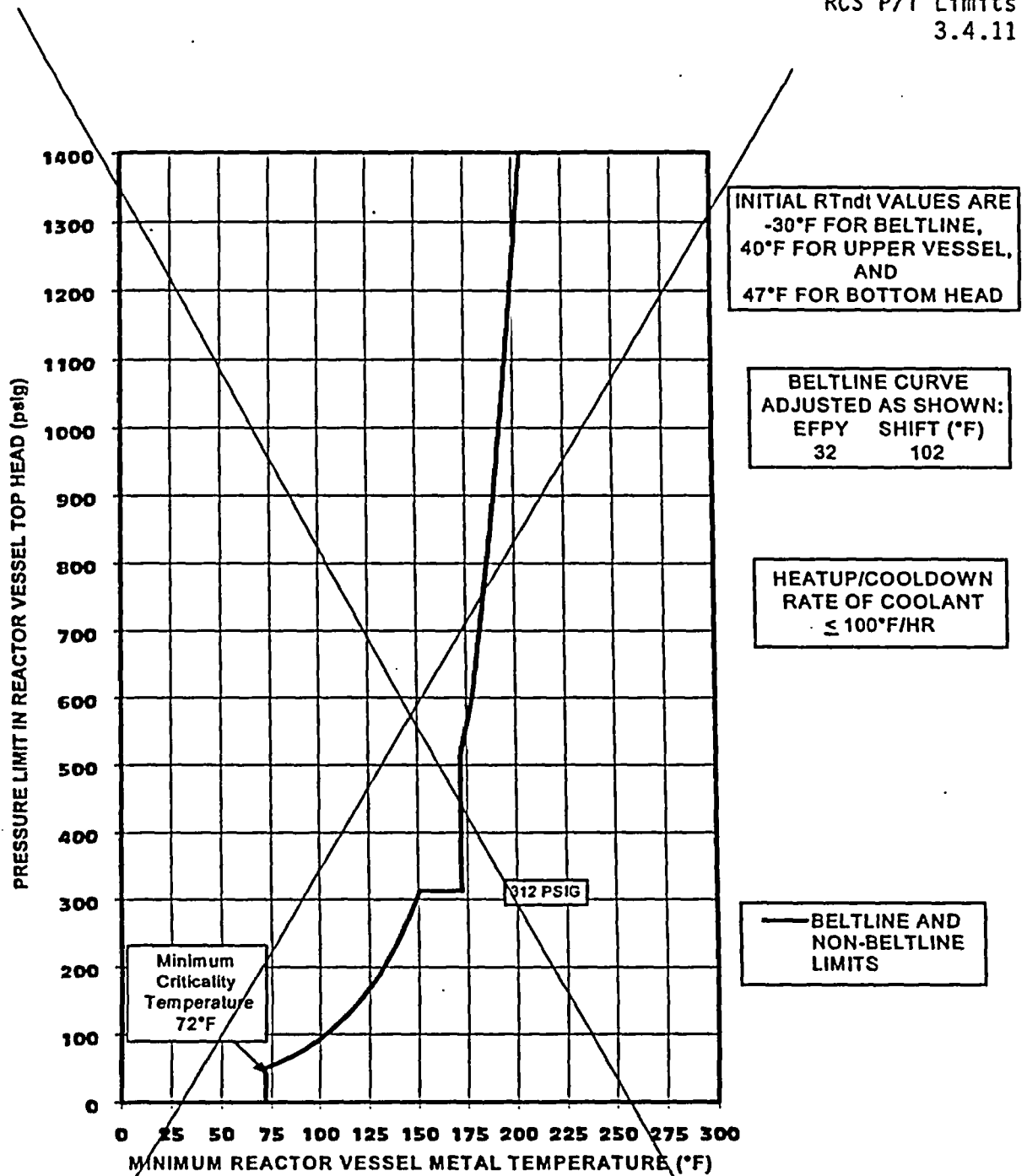


Figure 3.4.11-2 (Page 1 of 1)
Unit 1

P-T Curves for Heatup by Non-Nuclear Means, Cooldown Following
a Nuclear Shutdown and Low Power Physics Testing up to 20 EFPY



P-T Curves for Operation with a Core Critical other than Low Power Physics Testing

Figure 3.4.11-3 (Page 1 of 1)

Unit 1
Minimum Reactor Vessel Metal Temperature vs.
Reactor Vessel Pressure (Valid until December 15, 2004)

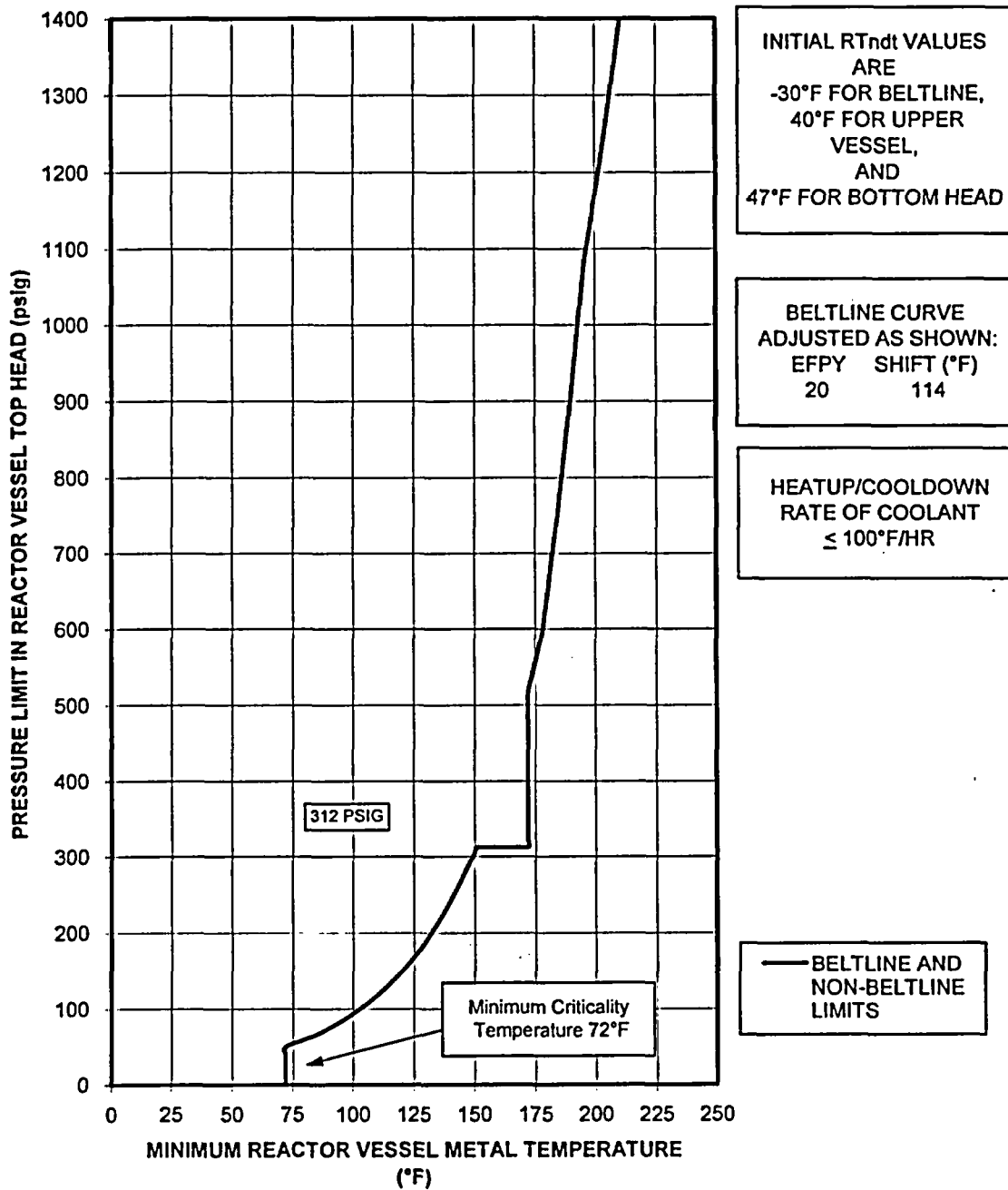
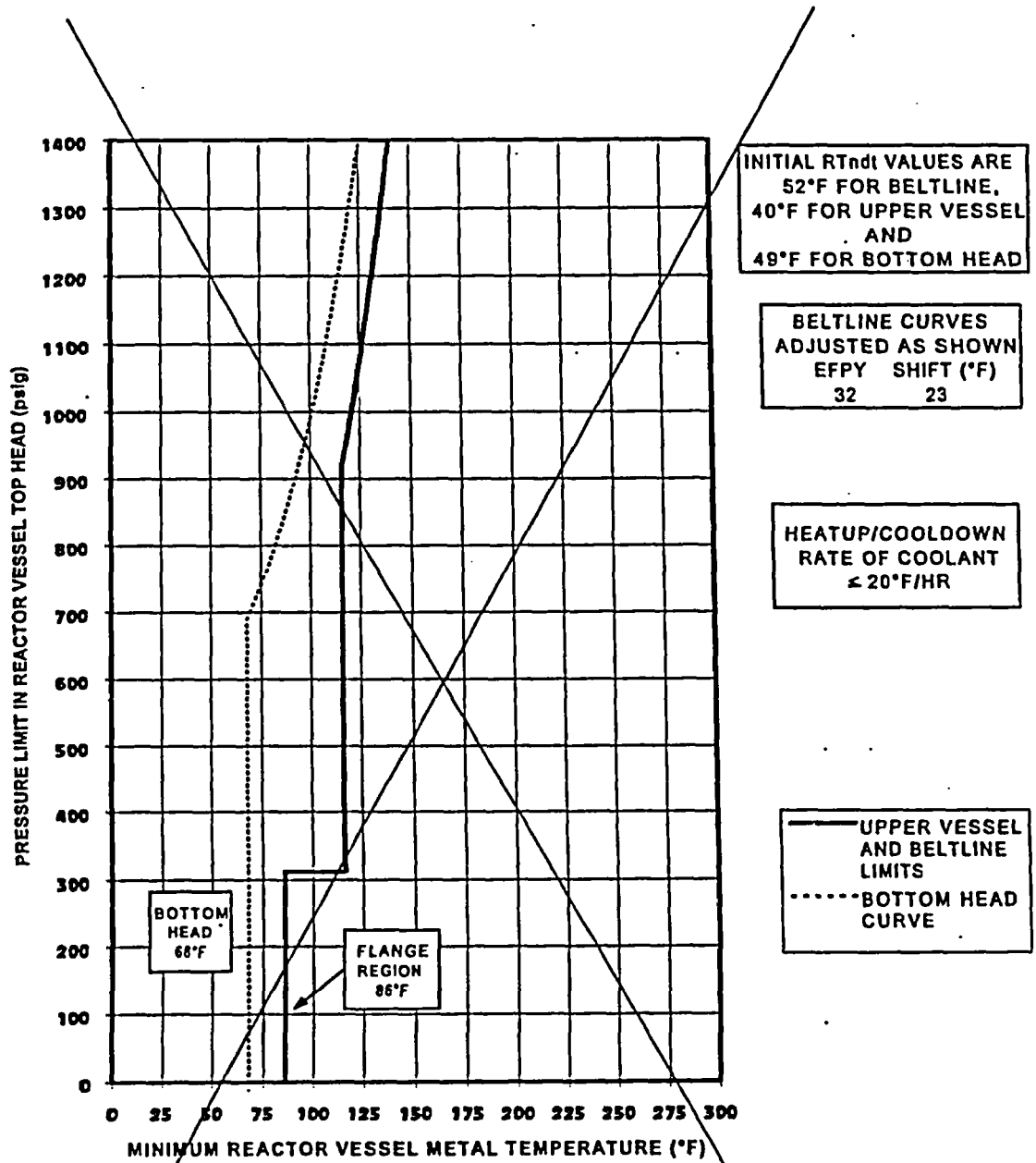


Figure 3.4.11-3 (Page 1 of 1)
Unit 1
P-T Curves for Operation with a Core Critical
other than Low Power Physics Testing up to 20 EFPY



P-T Curves for Hydrostatic or Leak Testing

Figure 3.4.11-4 (Page 1 of 1)

Unit 2

Minimum Reactor Vessel Metal Temperature vs.
Reactor Vessel Pressure (Valid until December 15, 2004)

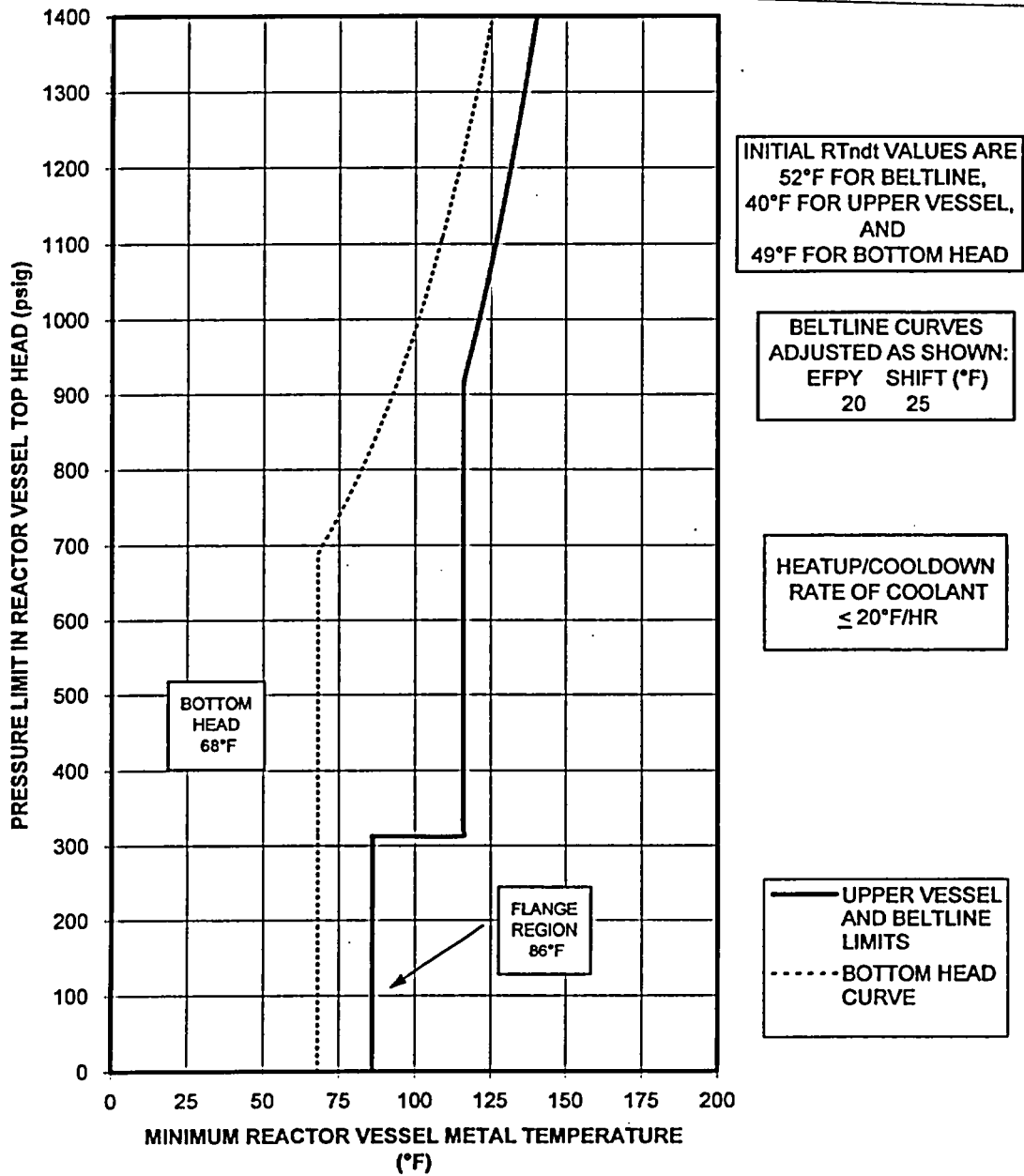
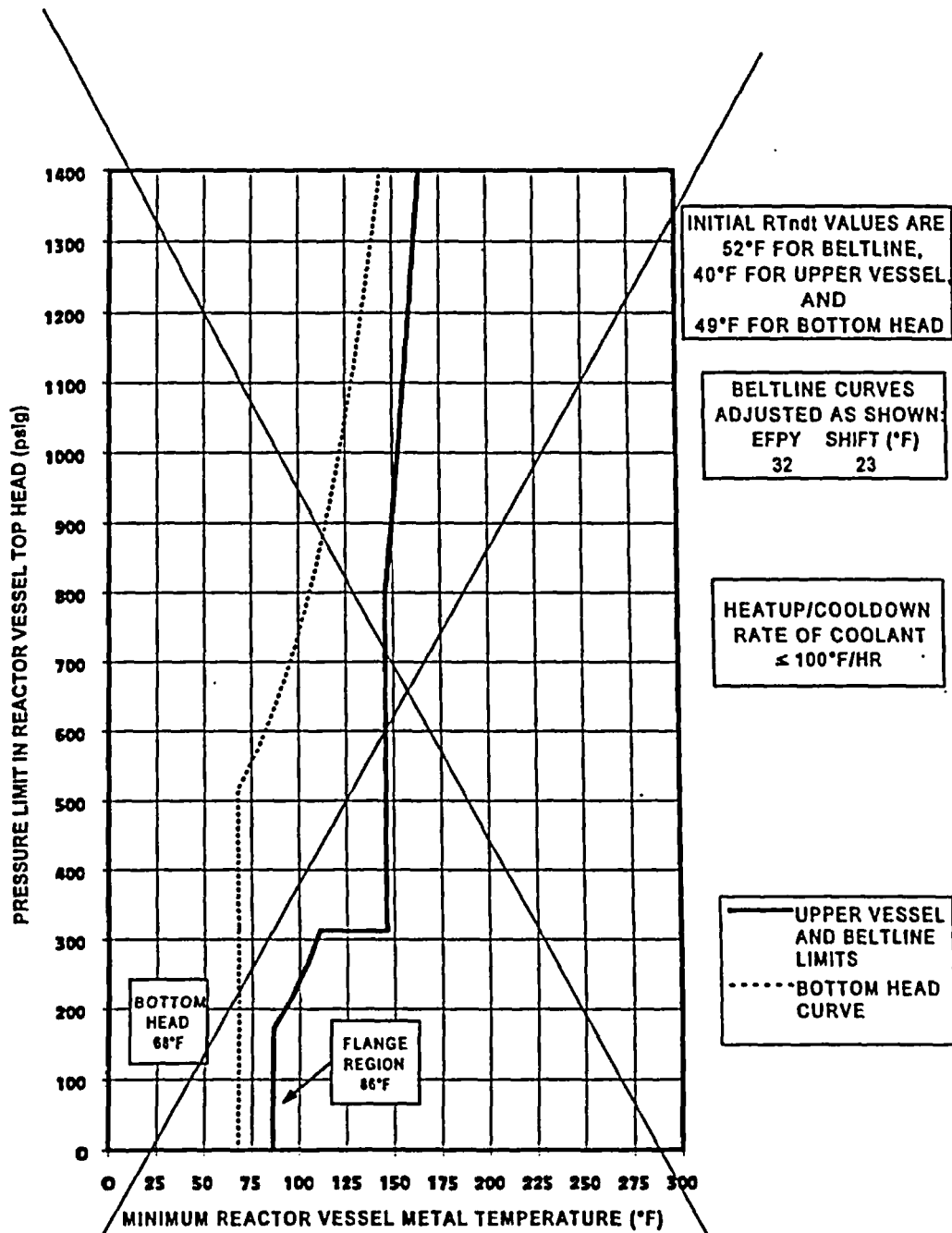


Figure 3.4.11-4 (Page 1 of 1)
Unit 2
P-T Curves for Hydrostatic or Leak Testing up to 20 EPFY



P-T Curves for Heatup by Non-Nuclear Means, Cooldown Following
A Nuclear Shutdown and Low Power Physics Testing

Figure 3.4.11-5 (Page 1 of 1)

Unit 2
Minimum Reactor Vessel Metal Temperature vs.
Reactor Vessel Pressure (Valid until December 15, 2004)

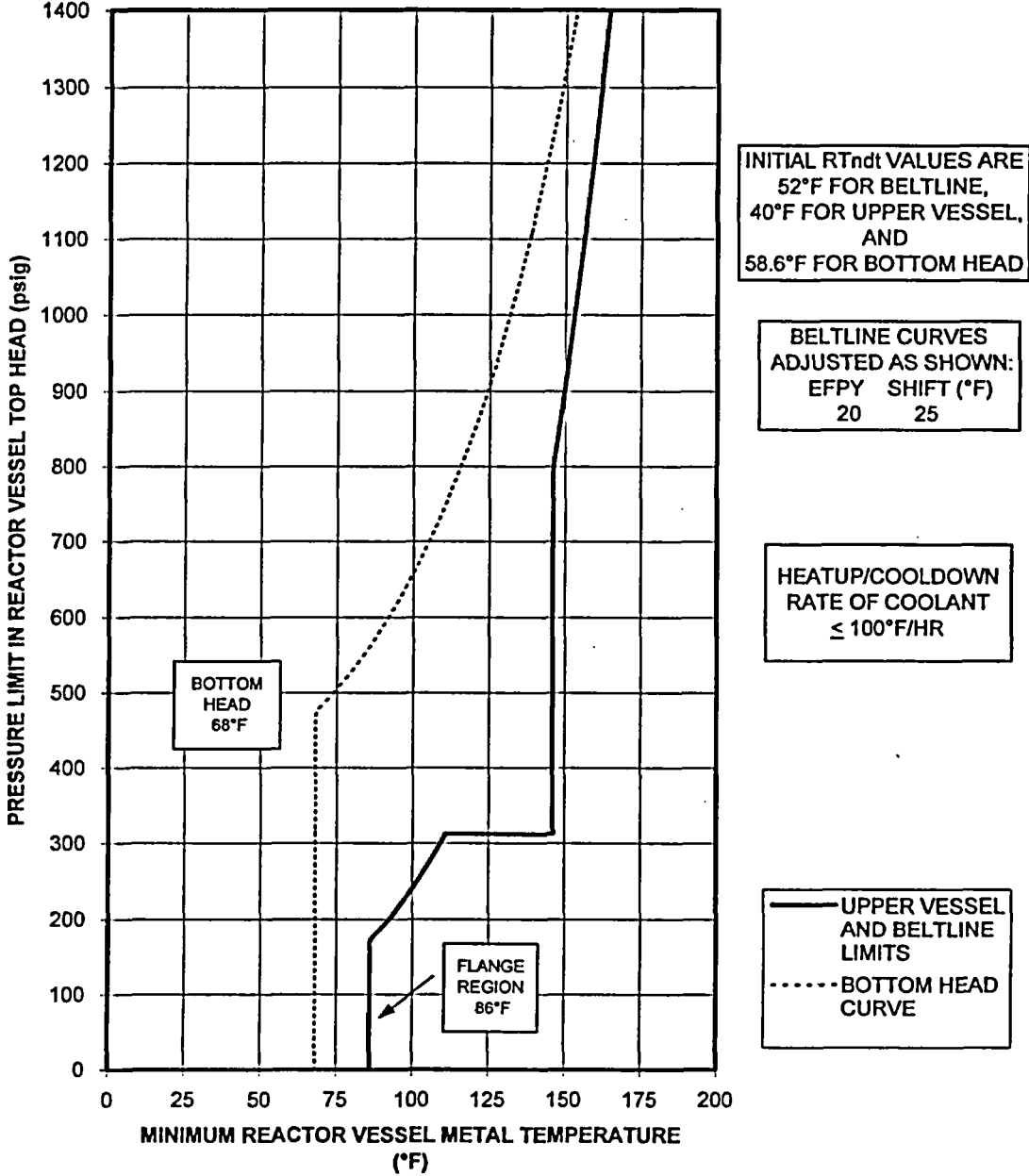
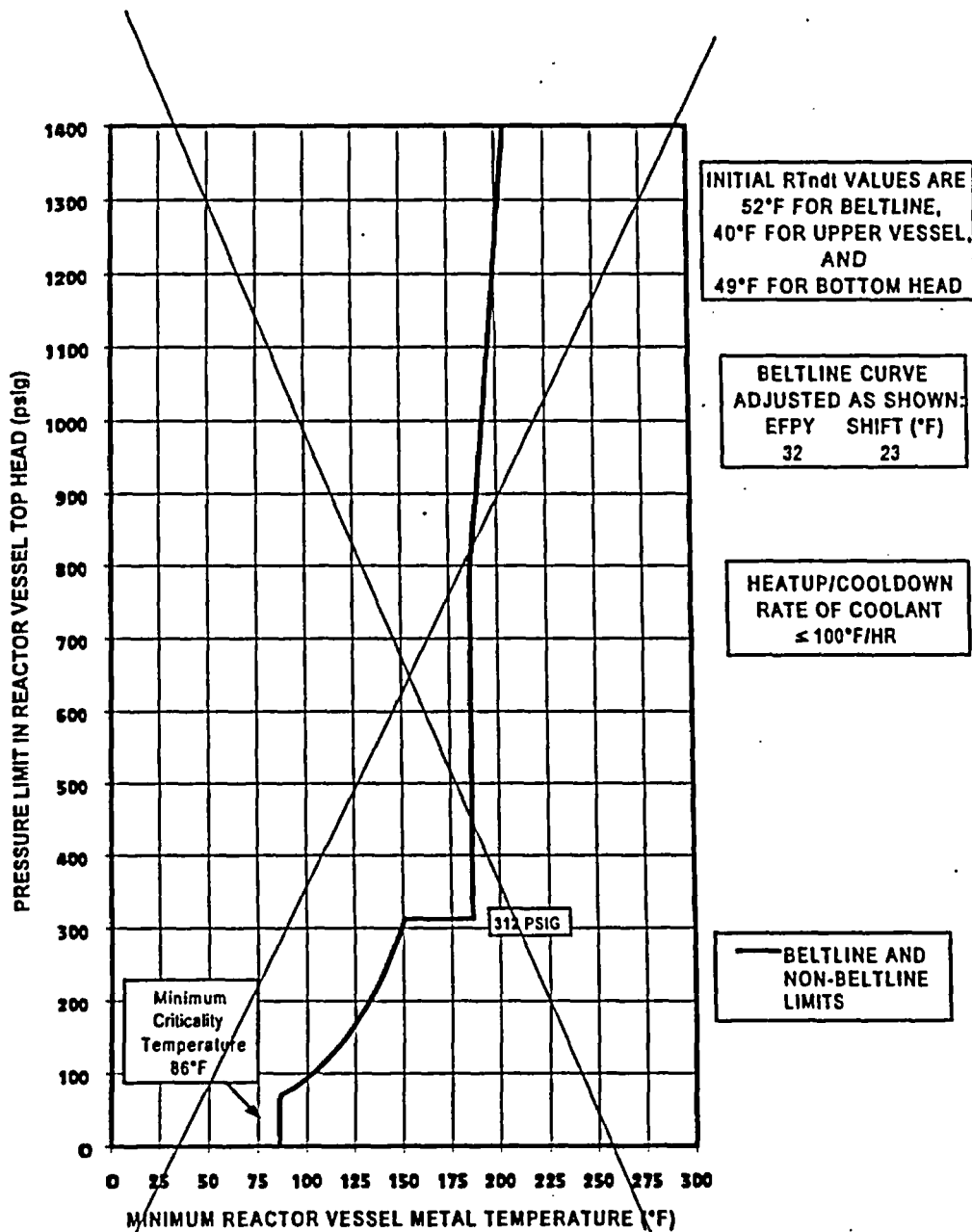


Figure 3.4.11-5 (Page 1 of 1)
Unit 2

P-T Curves for Heatup by Non-Nuclear Means, Cooldown Following
a Nuclear Shutdown and Low Power Physics Testing up to 20 EFPY



P-T Curves for Operation with a Core Critical
other than Low Power Physics Testing

Figure 3.4.11-6 (Page 1 of 1)

Unit 2
Minimum Reactor Vessel Metal Temperature vs.
Reactor Vessel Pressure (Valid until December 15, 2004)

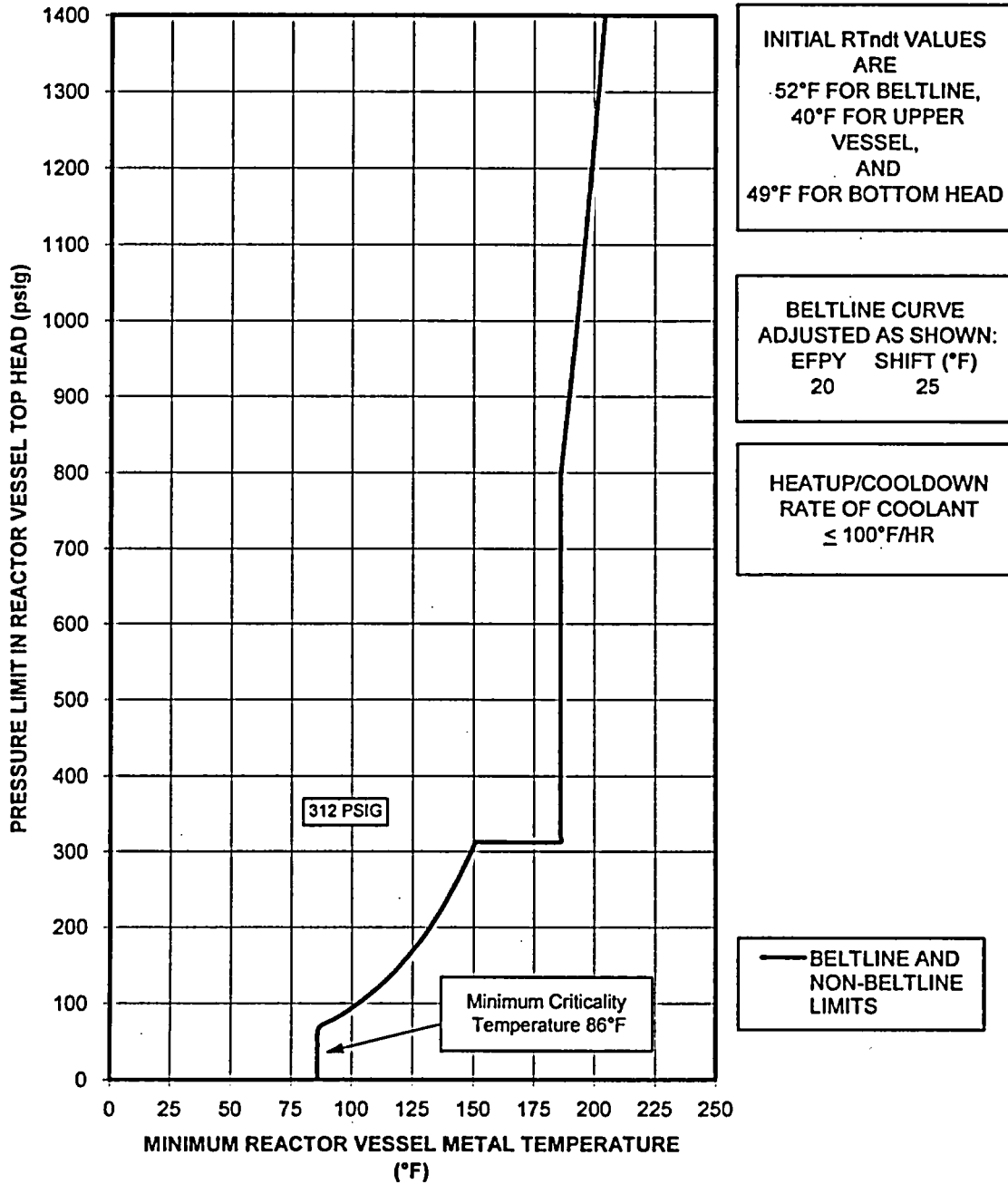


Figure 3.4.11-6 (Page 1 of 1)
Unit 2
P-T Curves for Operation with a Core Critical
other than Low Power Physics Testing up to 20 EPFY

ATTACHMENT 2

**RETYPED PAGES
FOR
TECHNICAL SPECIFICATIONS CHANGES**

Retyped TS Pages

3.4.11-3
3.4.11-6
3.4.11-7
3.4.11-8
3.4.11-9
3.4.11-10
3.4.11-11

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.4.11.1 -----NOTE----- Only required to be performed during RCS heatup and cooldown operations, and RCS inservice leak and hydrostatic testing. -----</p> <p>Verify:</p> <ul style="list-style-type: none"> a. RCS pressure and RCS temperature are within the applicable limits specified in Figures 3.4.11-1, 3.4.11-2, 3.4.11-3 for Unit 1 up to 20 EFPY, and Figures 3.4.11-4, 3.4.11-5, and 3.4.11-6 for Unit 2 up to 20 EFPY; b. RCS heatup and cooldown rates are $\leq 100^{\circ}\text{F}$ in any 1 hour period; and c. RCS temperature change during system leakage and hydrostatic testing is $\leq 20^{\circ}\text{F}$ in any one hour period when the RCS pressure and RCS temperature are not within the limits of Figure 3.4.11-2 for Unit 1 up to 20 EFPY and Figure 3.4.11-5 for Unit 2 up to 20 EFPY. 	<p>30 minutes</p>
<p>SR 3.4.11.2 Verify RCS pressure and RCS temperature are within the criticality limits specified in Figure 3.4.11-3 for Unit 1 up to 20 EFPY and Figure 3.4.11-6 for Unit 2 up to 20 EFPY.</p>	<p>Once within 15 minutes prior to control rod withdrawal for the purpose of achieving criticality</p>

(continued)

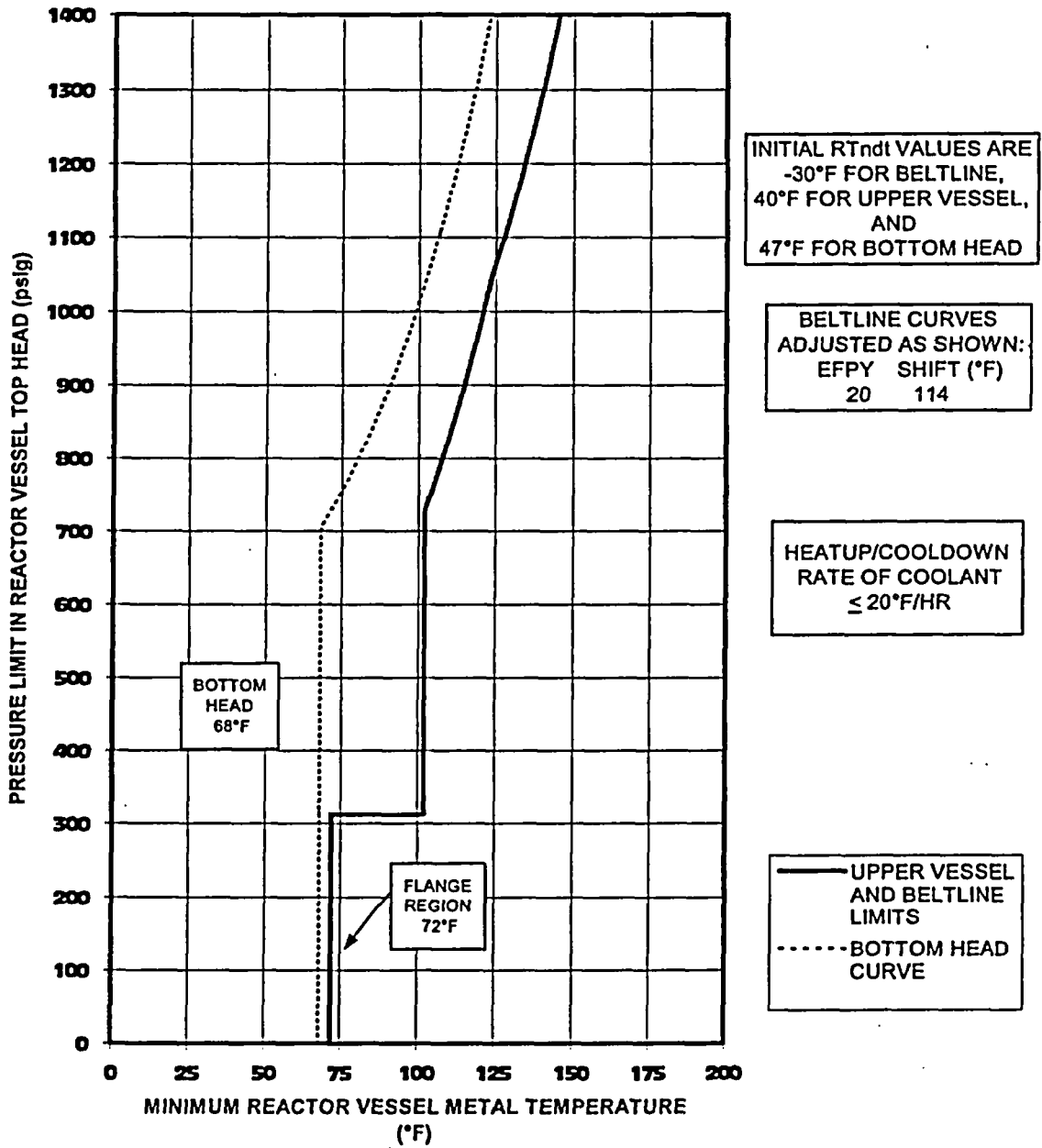


Figure 3.4.11-1 (Page 1 of 1)
Unit 1
P-T Curves for Hydrostatic or Leak Testing up to 20 EPFY

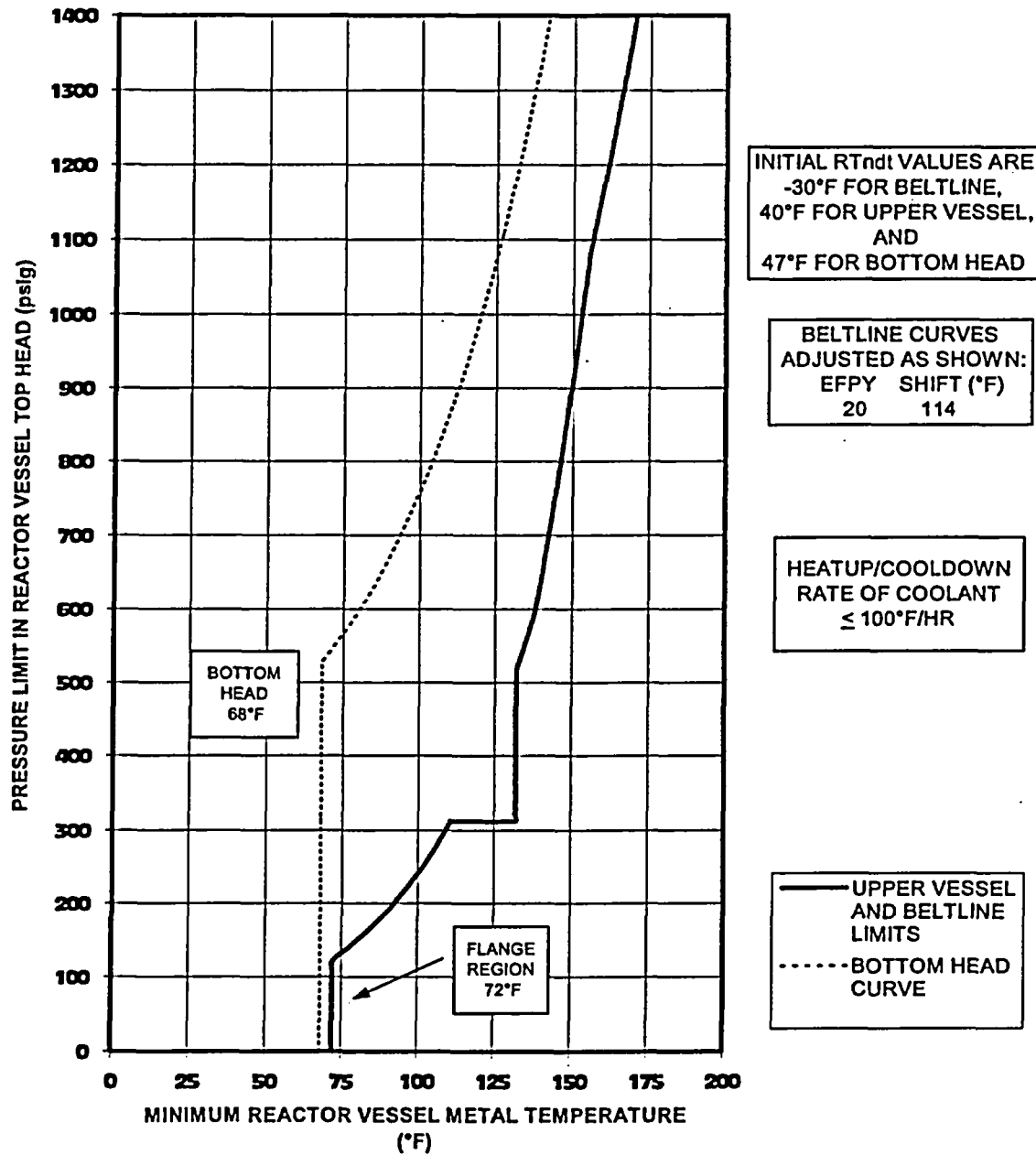


Figure 3.4.11-2 (Page 1 of 1)
Unit 1

P-T Curves for Heatup by Non-Nuclear Means, Cooldown Following a Nuclear Shutdown and Low Power Physics Testing up to 20 EPY

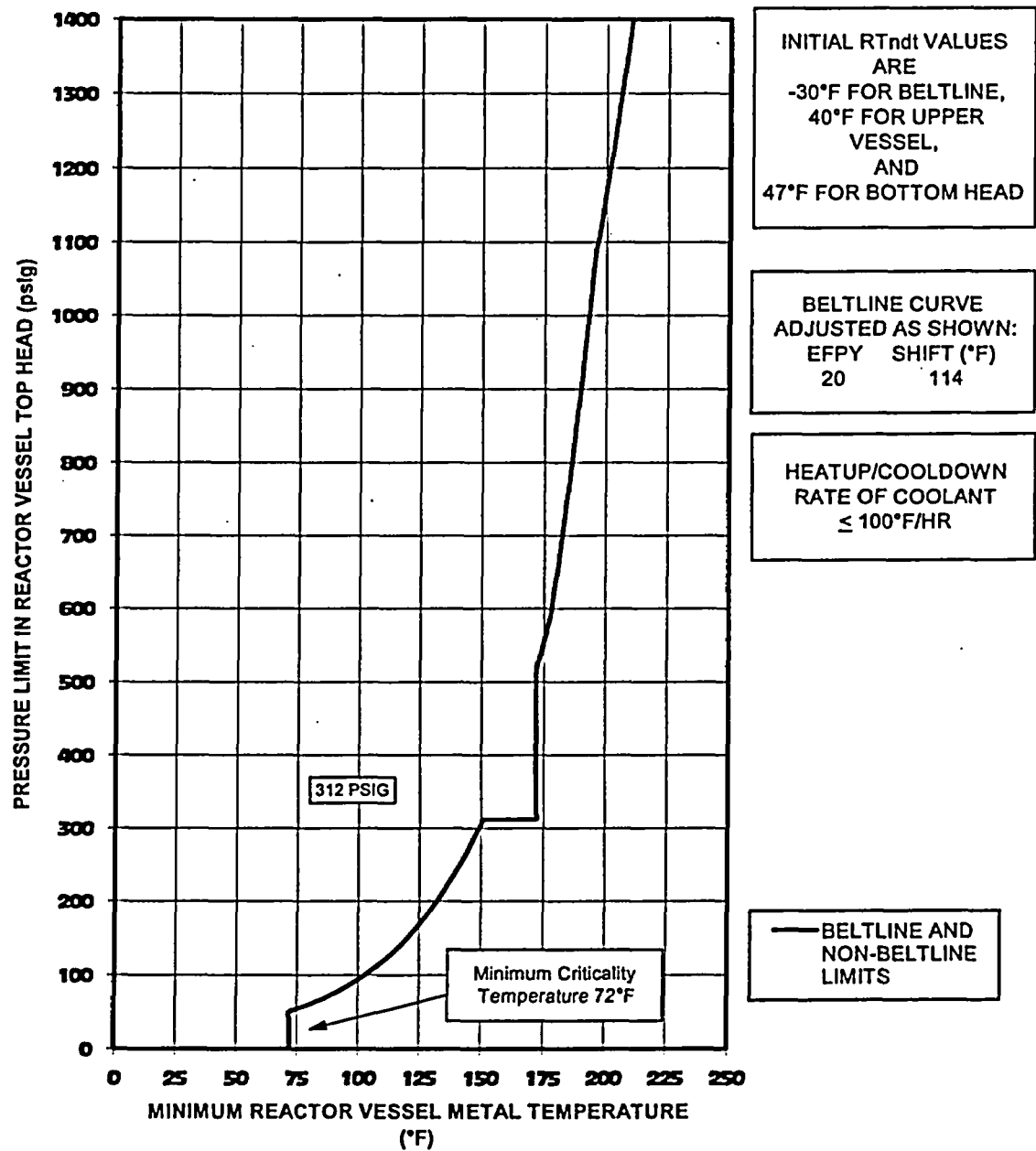


Figure 3.4.11-3 (Page 1 of 1)
Unit 1
P-T Curves for Operation with a Core Critical
other than Low Power Physics Testing up to 20 EPFY

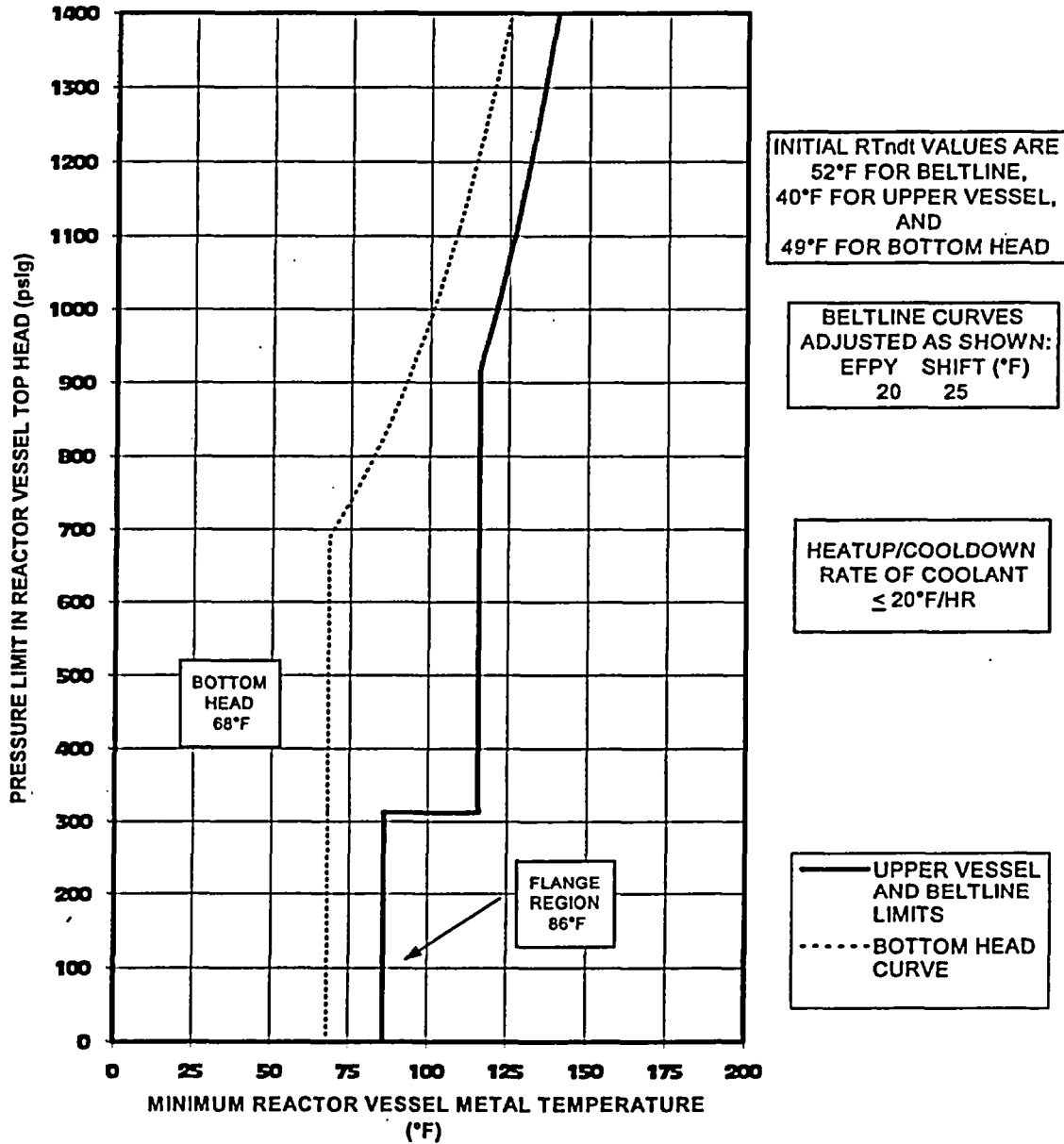


Figure 3.4.11-4 (Page 1 of 1)
Unit 2
P-T Curves for Hydrostatic or Leak Testing up to 20 EFPY

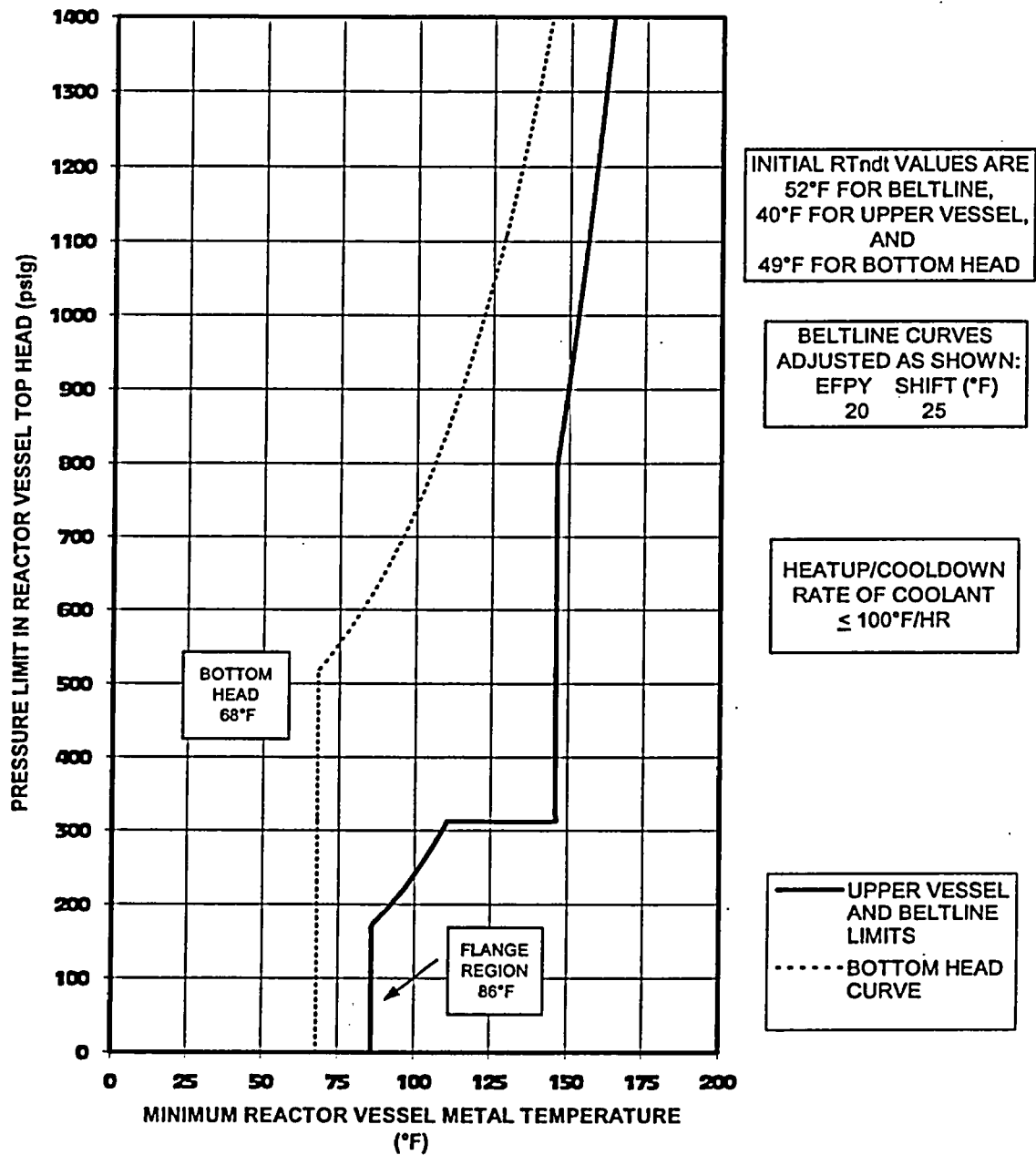


Figure 3.4.11-5 (Page 1 of 1)
Unit 2

P-T Curves for Heatup by Non-Nuclear Means, Cooldown Following a Nuclear Shutdown and Low Power Physics Testing up to 20 EFPY

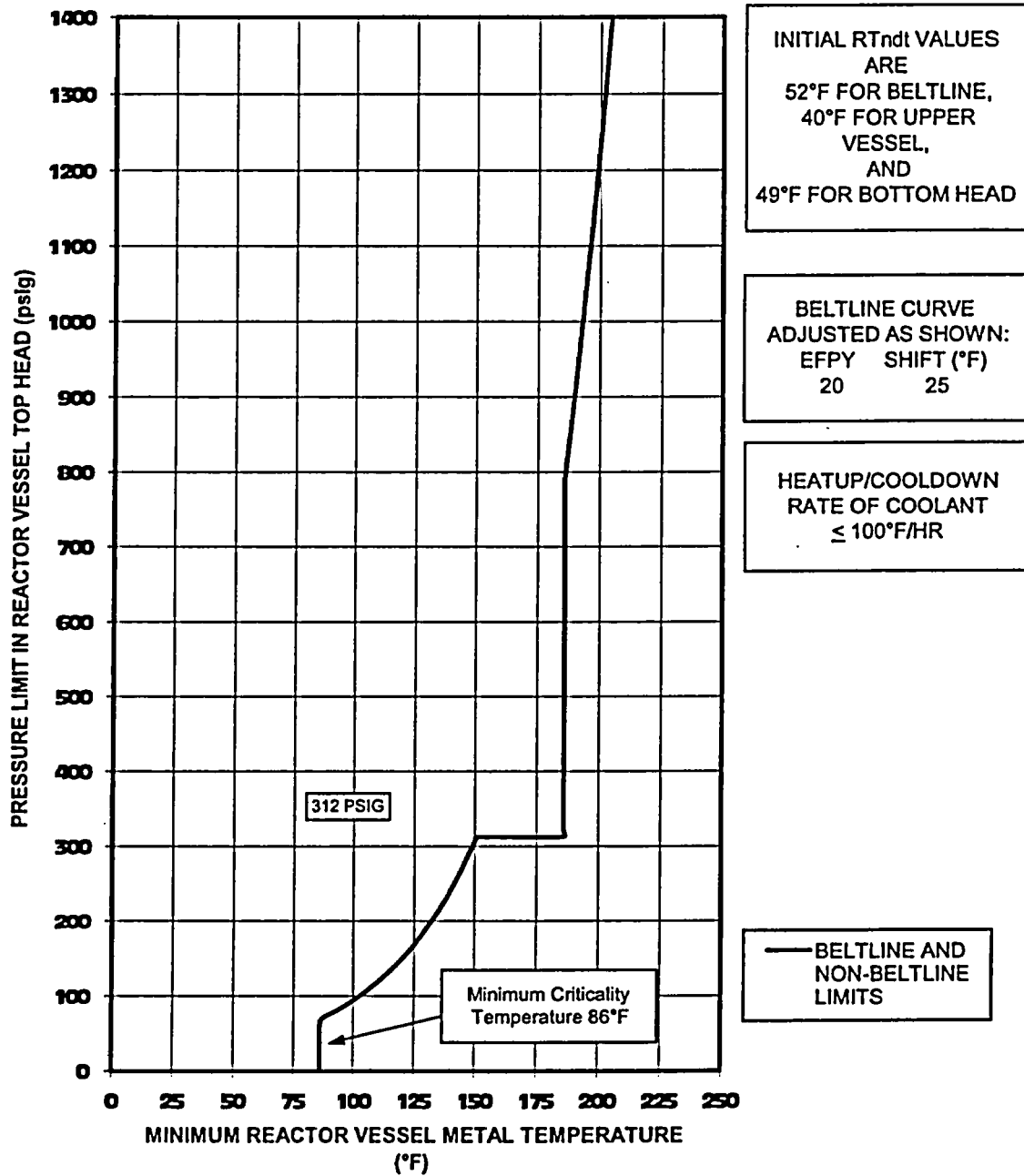


Figure 3.4.11-6 (Page 1 of 1)
Unit 2
P-T Curves for Operation with a Core Critical
other than Low Power Physics Testing up to 20 EFPY