

Curve No. 1

Minimum temperature for pressure tests such as required by ASME Section XI.

Curve No. 2

Minimum temperature for mechanical heatup or cooldown following nuclear shutdown.

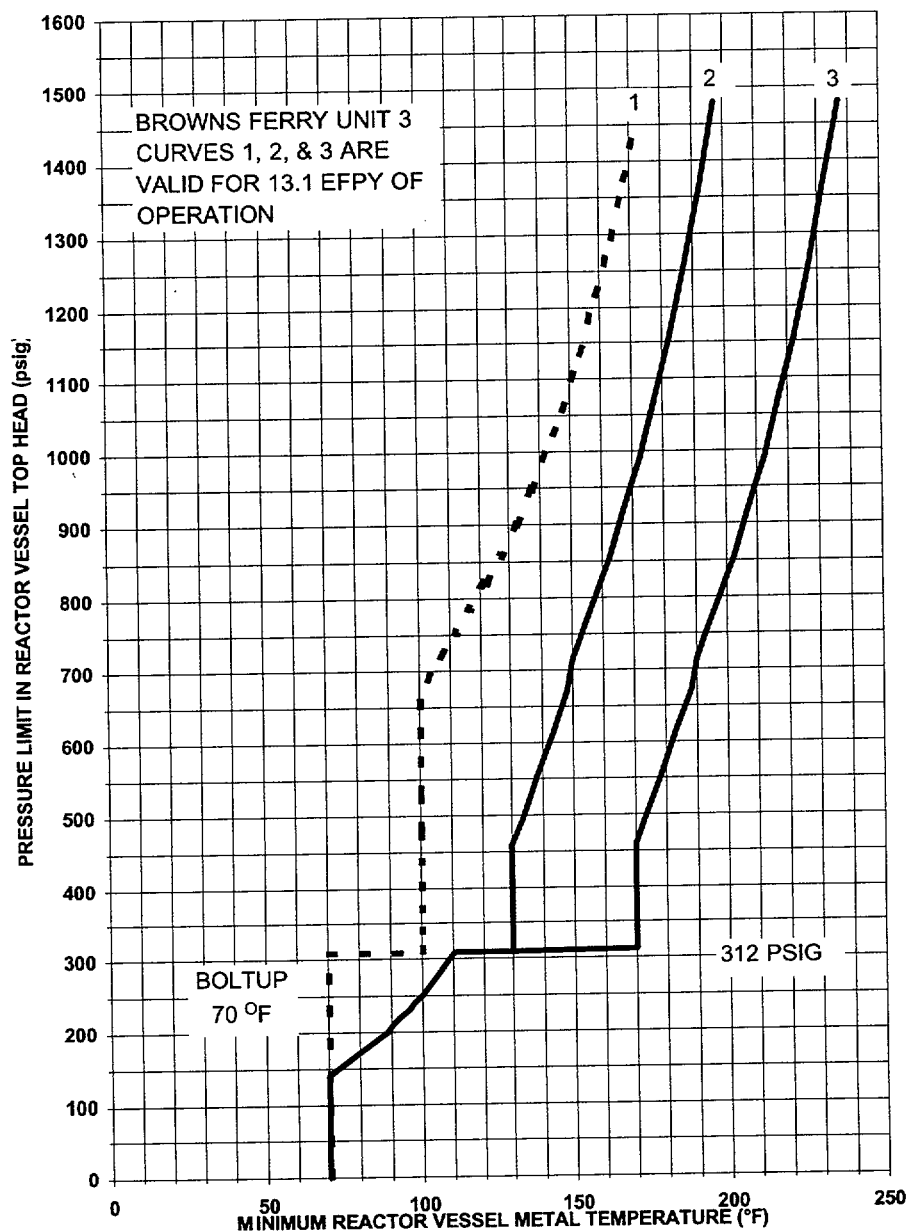
Curve No. 3

Minimum temperature for core operation (criticality).

Notes

These curves include sufficient margin to provide protection against feedwater nozzle degradation. The curves allow for shifts in RT_{NDT} of the Reactor vessel beltline materials, in accordance with Reg. Guide 1.99, Rev. 2, to compensate for radiation embrittlement for 17.2 EFPY.

Figure 3.4.9-1
Pressure/Temperature Limits



Curve No. 1
Minimum temperature for
pressure tests such as required by
ASME Section XI.

Curve No. 2
Minimum temperature for
mechanical heatup or cooldown
following nuclear shutdown.

Curve No. 3
Minimum temperature for core
operation (criticality).

Notes
These curves include sufficient
margin to provide protection
against feedwater nozzle
degradation. The curves allow for
shifts in RT_{NDT} of the Reactor
vessel beltline materials, in
accordance with Reg. Guide 1.99,
Rev. 2, to compensate for
radiation embrittlement for 13.1
EFY.

Figure 3.4.9-1
Pressure/Temperature Limits