

Regulatory

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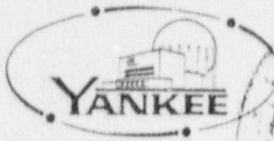
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WYR 76-68

YANKEE ATOMIC ELECTRIC COMPANY



20 Turpike Road Westborough, Massachusetts 01581

June 11, 1976



United States Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Office of Nuclear Reactor Regulation

Reference: (1) License No. DPR-3 (Docket No. 50-29)
(2) YAEK Proposed Change No. 139, dated May 27, 1976.

Dear Sir:

To assist you in your review of our Proposed Technical Specifications as they apply to Pressure/Temperature Limits (3/4.4.8) we are enclosing the six figures used by our staff in developing the Specification.

We trust this information is adequate for your purpose.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

J. L. French for
J. L. French
Manager of Operations

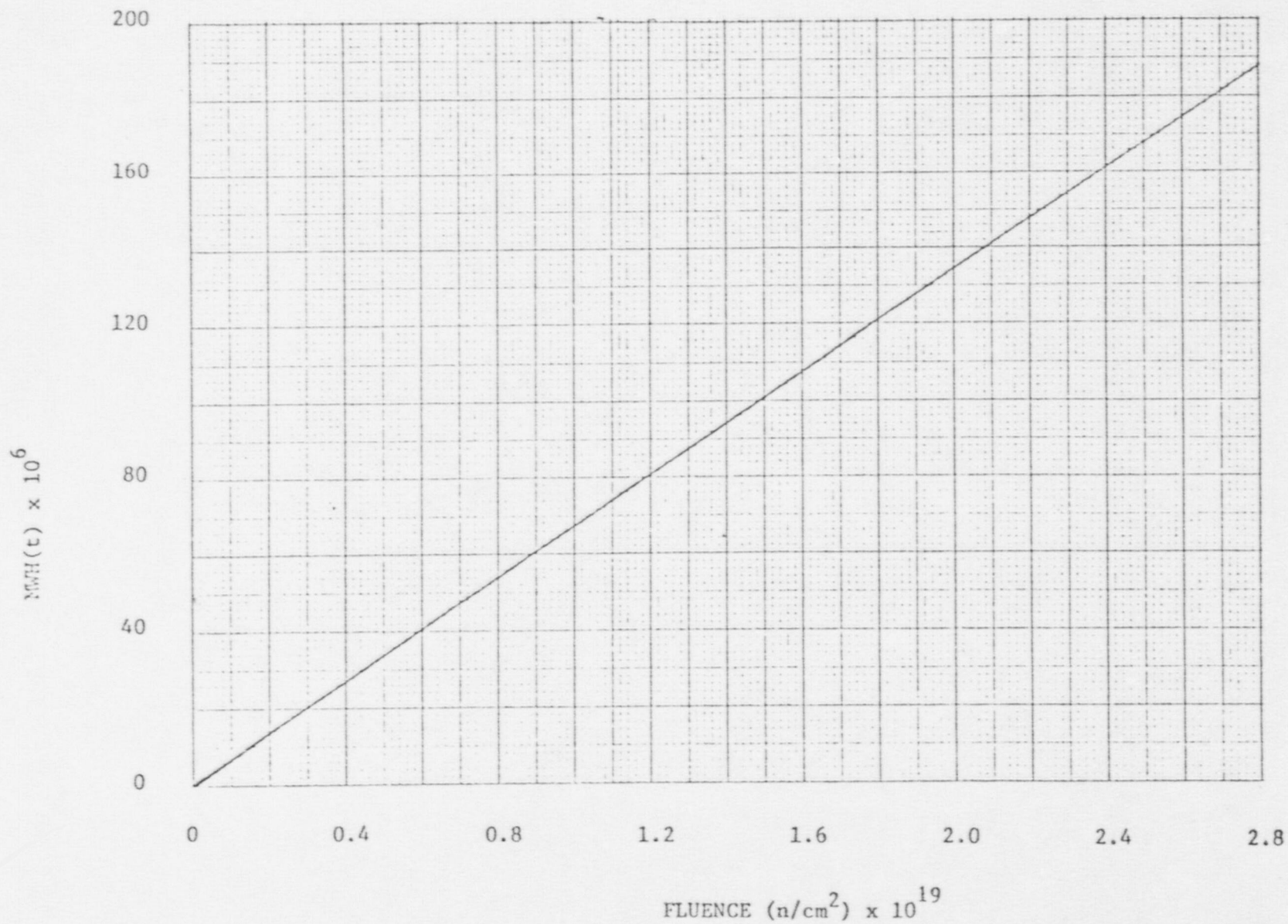
REMR/kg
Attachment

THIS DOCUMENT CONTAINS
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5121

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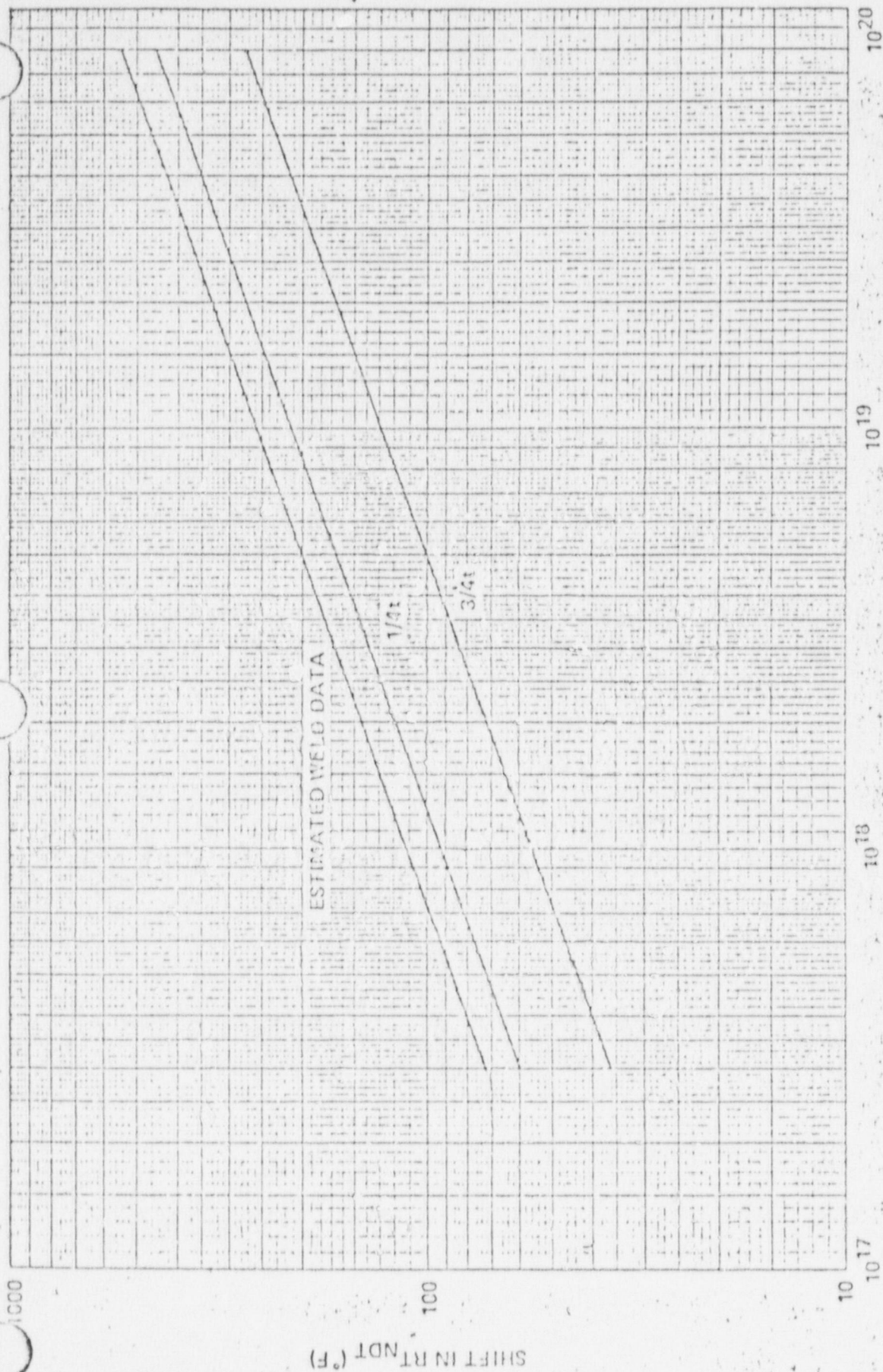
P



BASES FIGURE B 3/4.4-1

REACTOR VESSEL INSIDE WALL

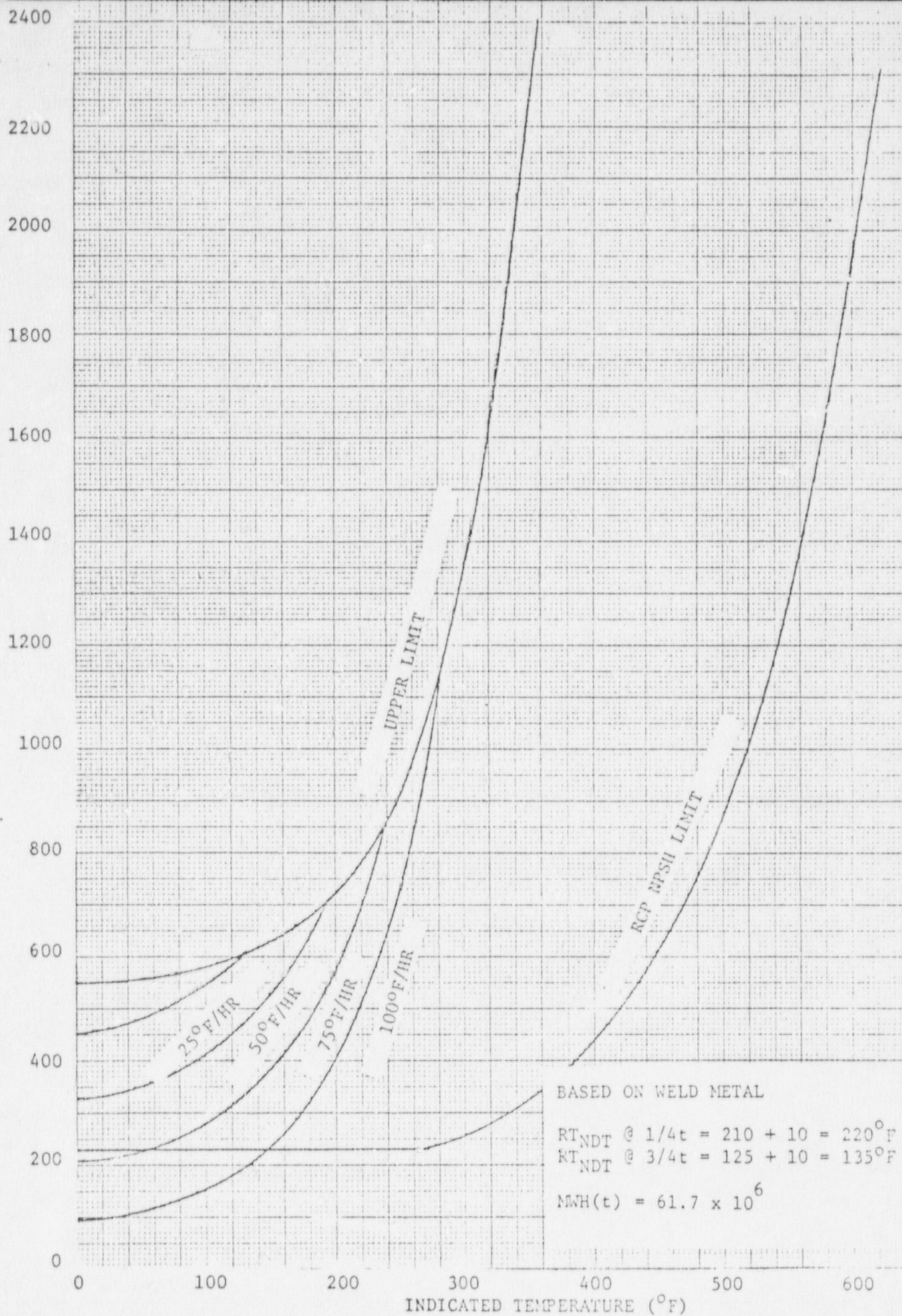
FLUENCE EXPOSURE AS A FUNCTION OF POWER GENERATION

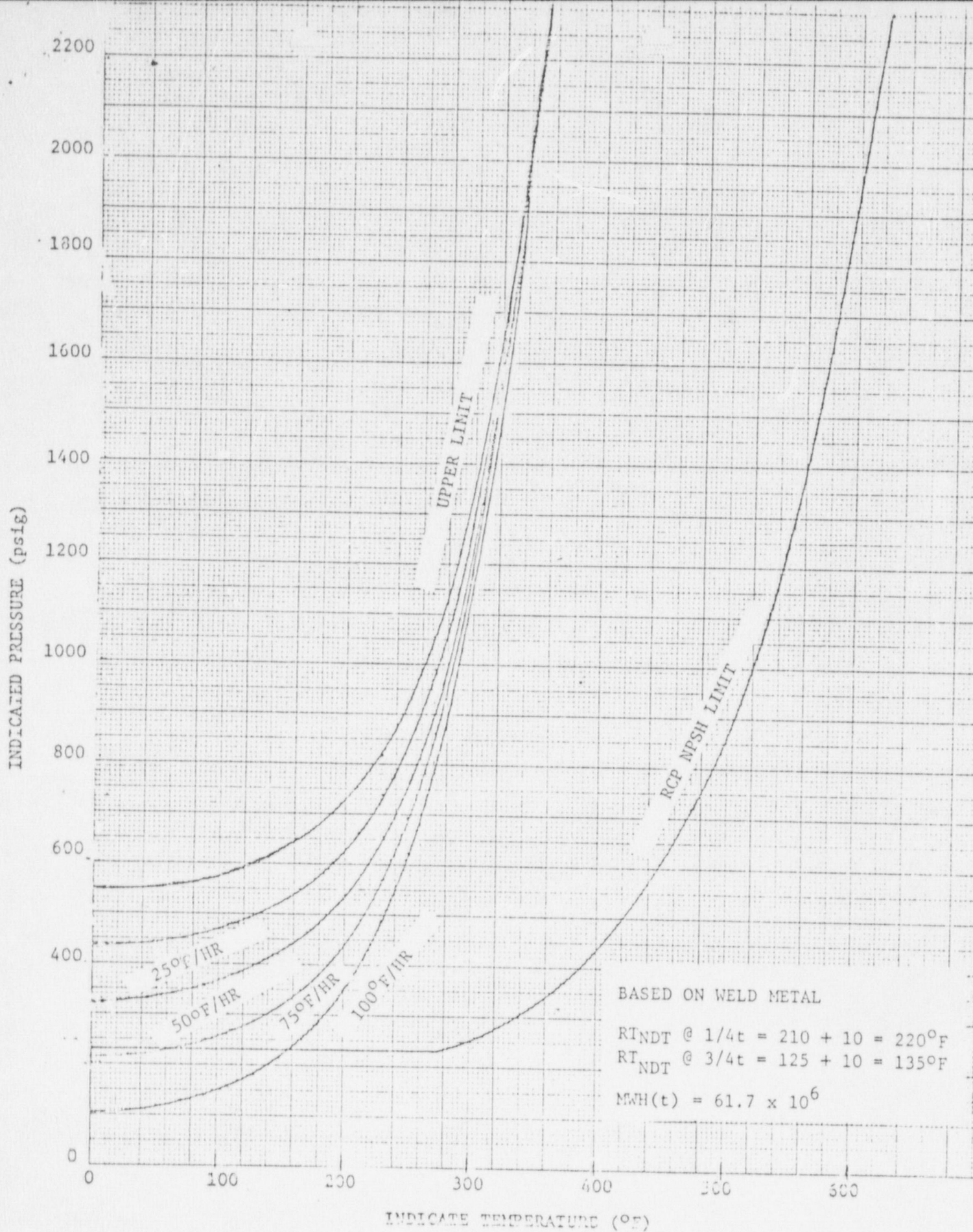


SHIFT IN RT_{NDT} AS A FUNCTION OF VESSEL FLUENCE FOR WELD METAL, 1/4t AND 3/4t

BASES FIGURE B3/4 4-2

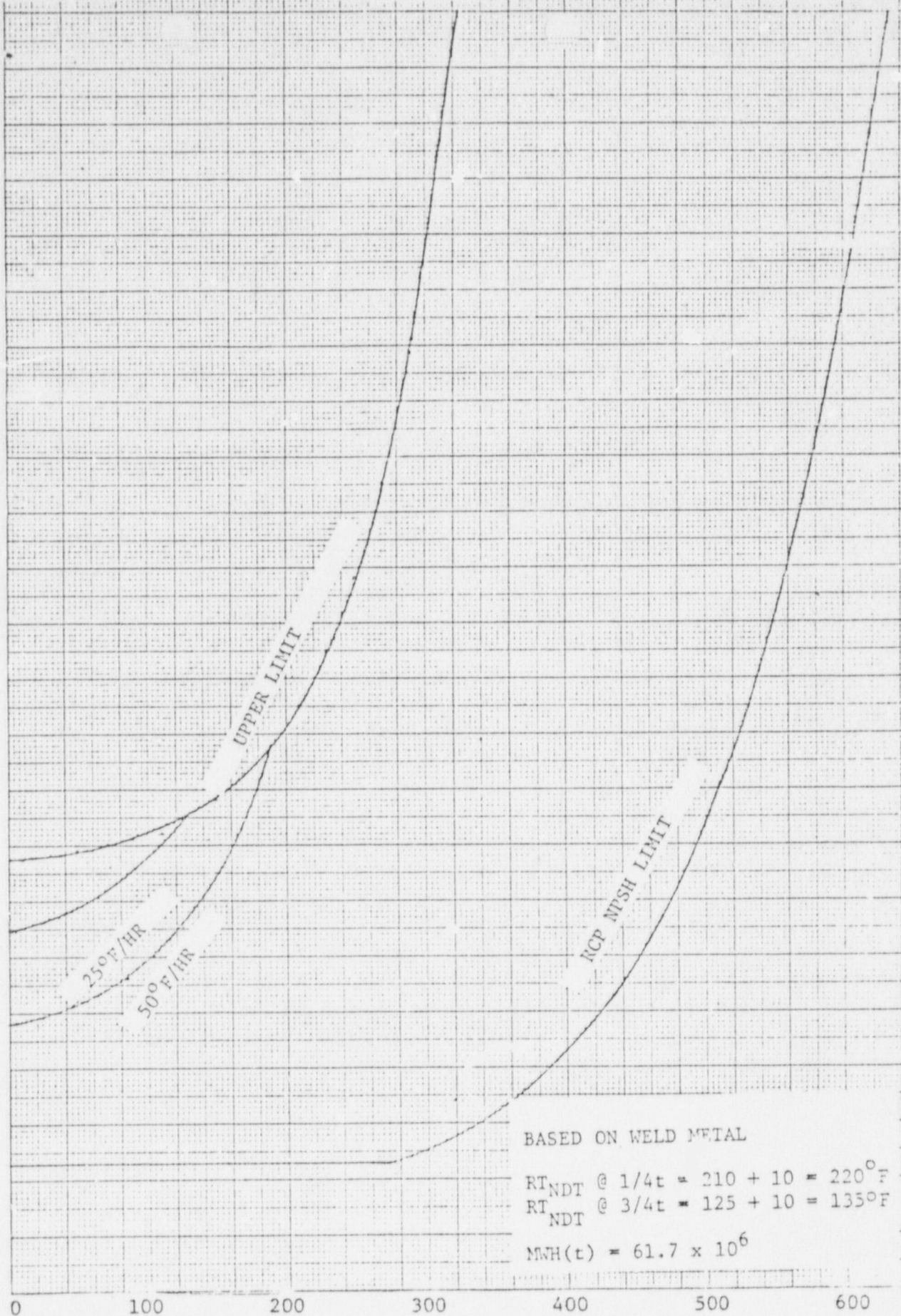
INDICATED PRESSURE (psig)





INDICATED PRESSURE (psig)

2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0

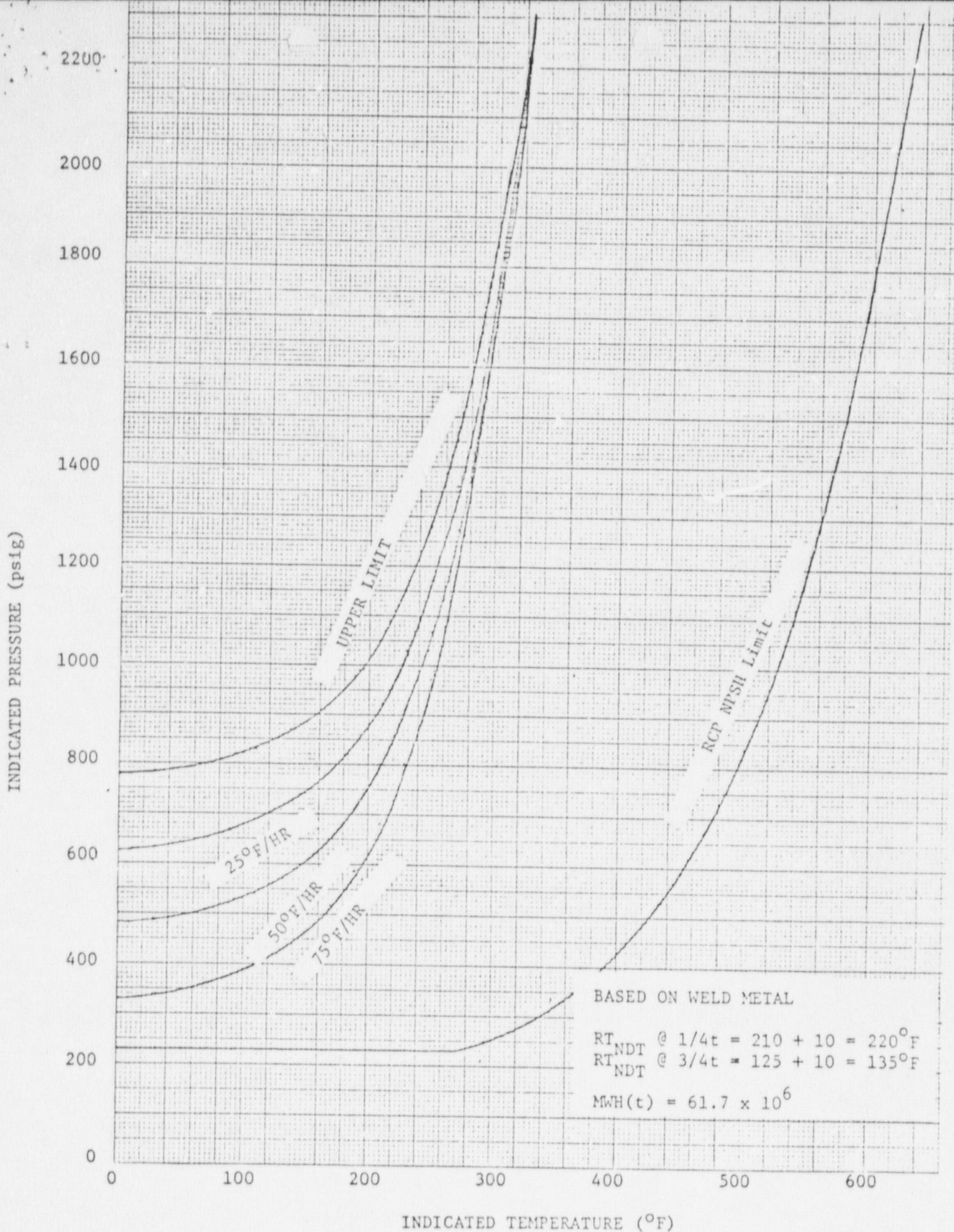


INDICATED TEMPERATURE ($^{\circ}F$)

YANKEE NUCLEAR
POWER STATION

ALLOWABLE PRESSURE-TEMPERATURE LIMITATIONS DURING
HYDROTEST HEATUP OVER CORE CYCLE XII

FIGURE
16.4.4-5



YANKEE NUCLEAR
POWER STATION

ALLOWABLE PRESSURE-TEMPERATURE LIMITATIONS
DURING HYDROTEST COOLDOWN OVER CORE CYCLE XII

FIGURE
16.4.4-6

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ENCLOSURE

Ltr. re. their 5-27-76 Proposed Change # 139..trans
the following.....Six Figures to assit in the review of our Tech.
Spec. relating to Pressure Temperature Limits..
(3 Signed & 37 Carbon Cys. Received)

(7 Pages)

DO NOT REMOVE
ACKNOWLEDGED

PLANT NAME: Yankee Rowe

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