

1:50

NOTE: CLIPPING OF POINT SURVEYS OF
WELLS AND OTHER DATA IS 1/4".
THICKETTES ARE NEARLY HORIZONTAL
SURFACES ARE AT THE CLIP-OUT
MATERIAL AVAILABLE.

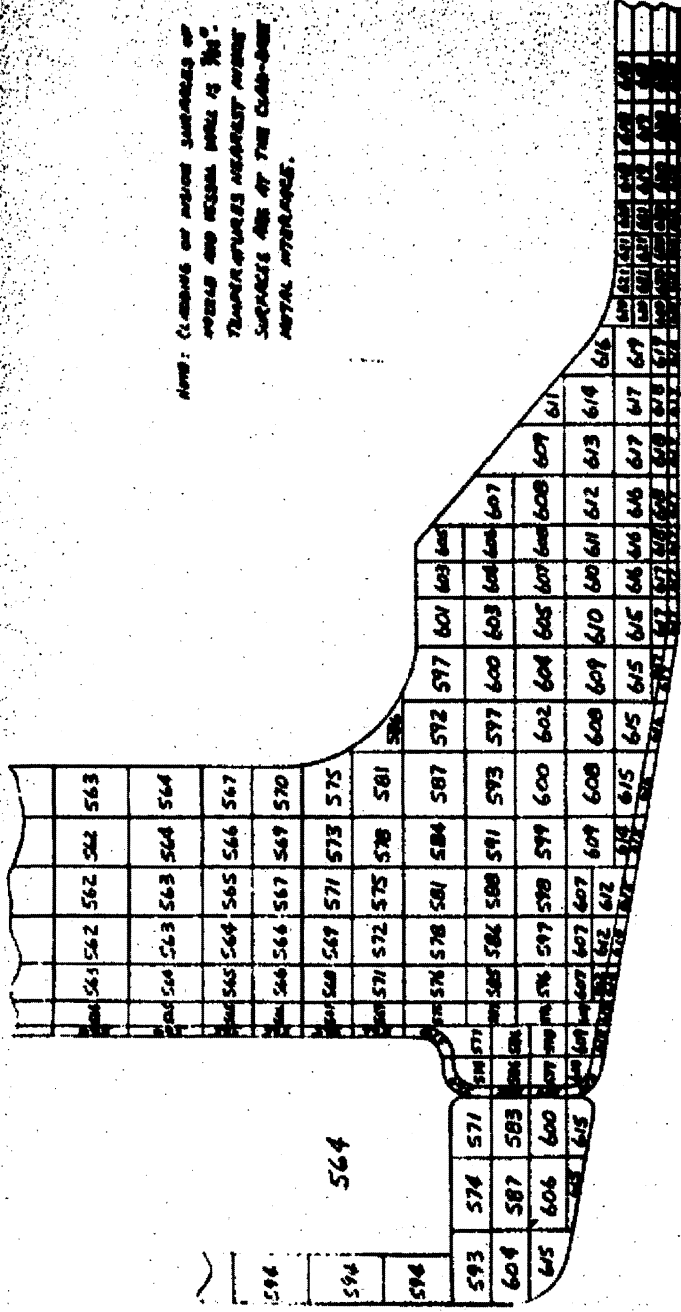


FIGURE B-28

THIS DRAWING IS THE PROPERTY OF THE U.S. GEOLOGICAL SURVEY AND IS LOANED TO YOU. IT IS TO BE RETURNED TO THE U.S. GEOLOGICAL SURVEY AT THE ADDRESS SHOWN BELOW.

DATE: 12/27/11

BY: [Signature]

FOR: [Signature]

PROJECT: [Signature]

FIGURE B-28

SB-1785-65

615

8-30

NOTE: CLOSURE ON THESE SURFACES OF
 HOLE AND ACCESS SHALL BE 3/4".
 THICK PLATES NEARLY HUNG
 SURFACES ARE AT THE CLAD-ONE
 METAL INTERFACES.

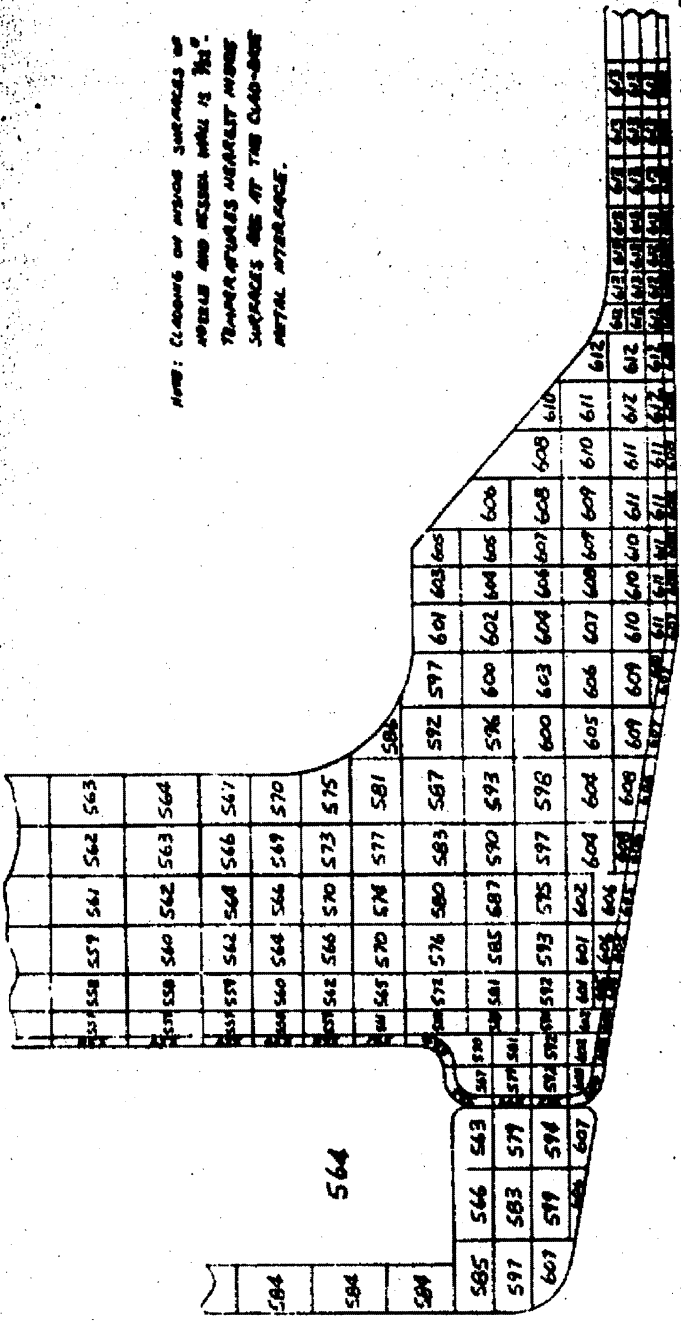


FIGURE 8-29

TEMP. INSTRUMENTATION POINTS

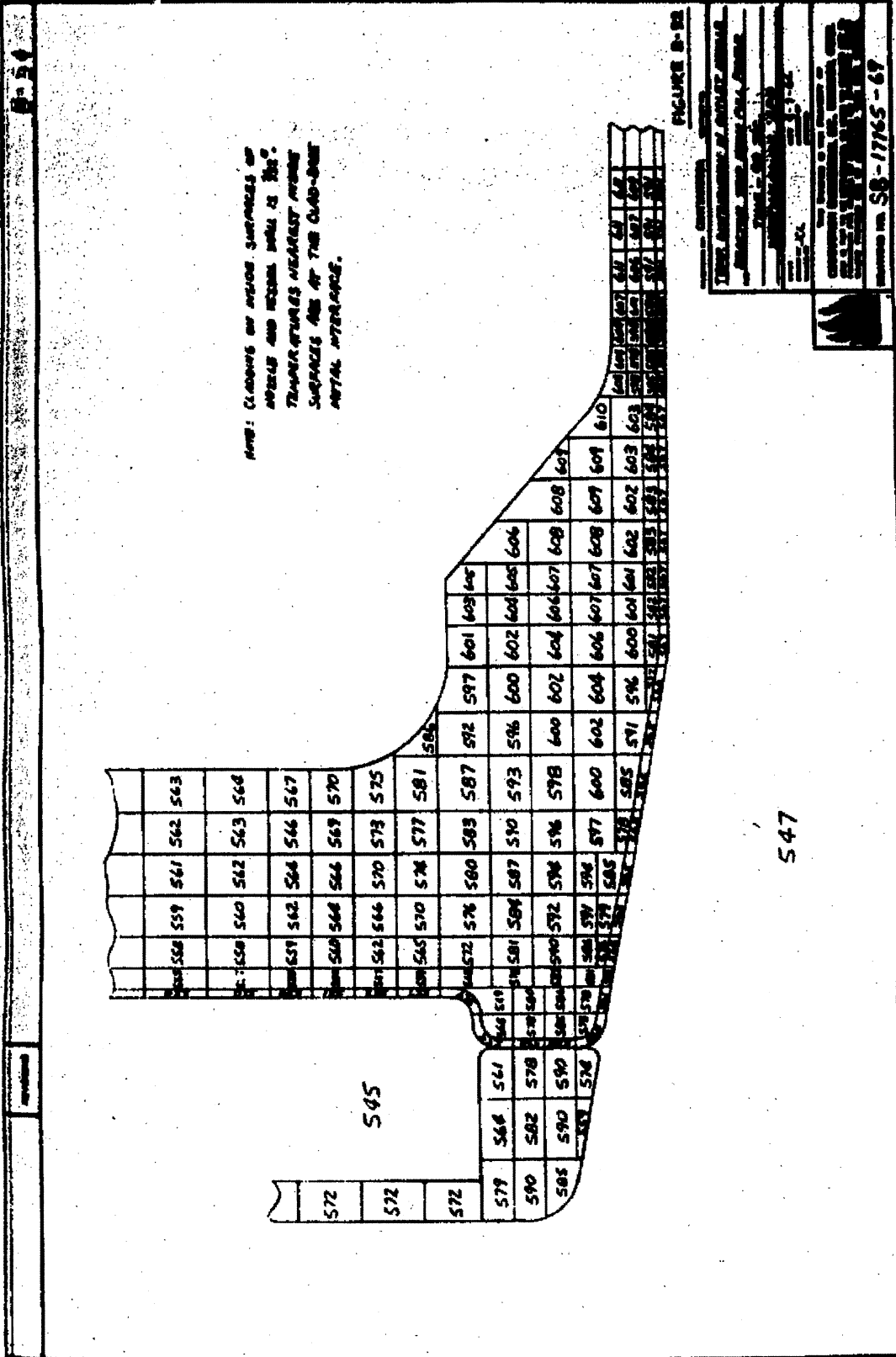
REACTOR TRIP POINTS

TRIP - 10 SEC.

REACTOR POINTS

SB-17765-67

592



547

0-56

NOTE: CLAMPING ON MIRROR SURFACES OF
MIRROR AND MIRROR BULK IS NOT.
TEMPERATURES HIGHEST POINT
SURFACES ARE AT THE CLAMP-ON
MIRROR SURFACE.

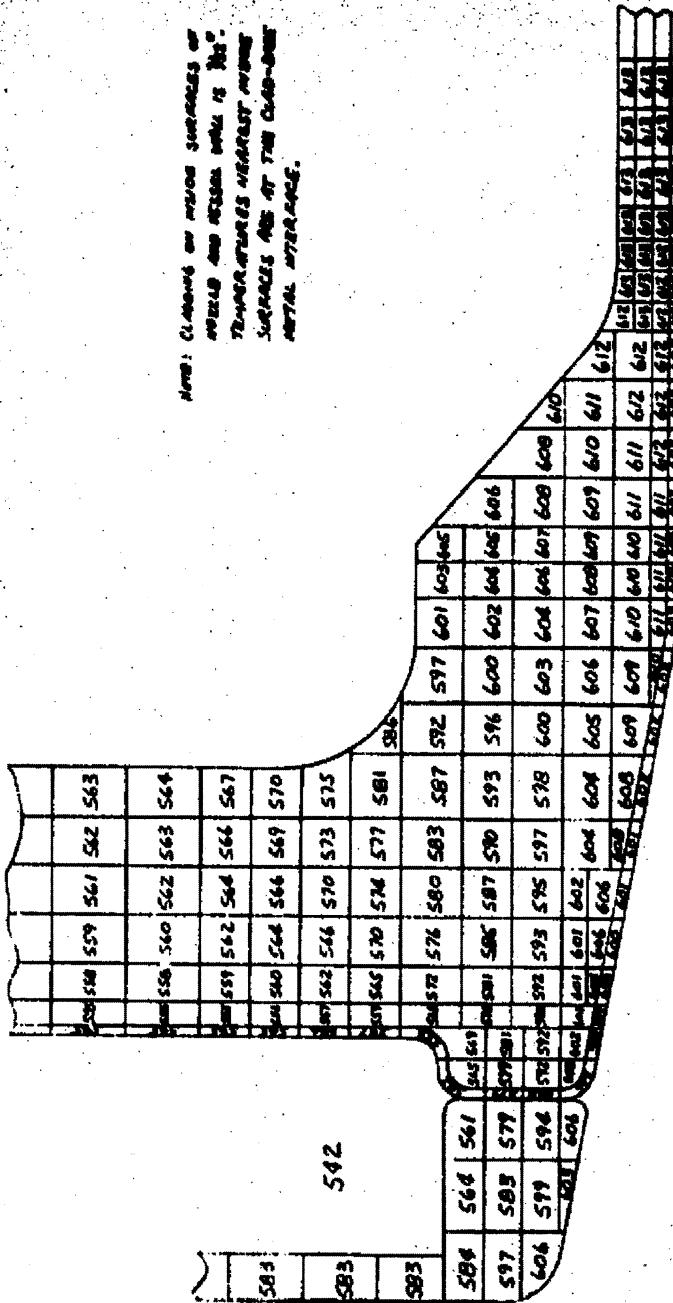


FIGURE P-34

TEMP. DISTRIBUTION IN MIRROR ASSEMBLY
 DATE: 10/15/65
 TIME: 10:00 AM
 OPERATOR: J. J. JONES
 INSTRUMENT: THERMISTOR
 SCALE: 0-1000
 LOCATION: SB-17765-71

540

B-57

NOTE: CLASSES ON THESE SURFACES OF
APPROX AND MEASUREMENT IS 3/32"
THICKNESS, NEAREST MEASUREMENT
SURFACES ARE OF THE CLAD-ONE
METAL MATERIAL.

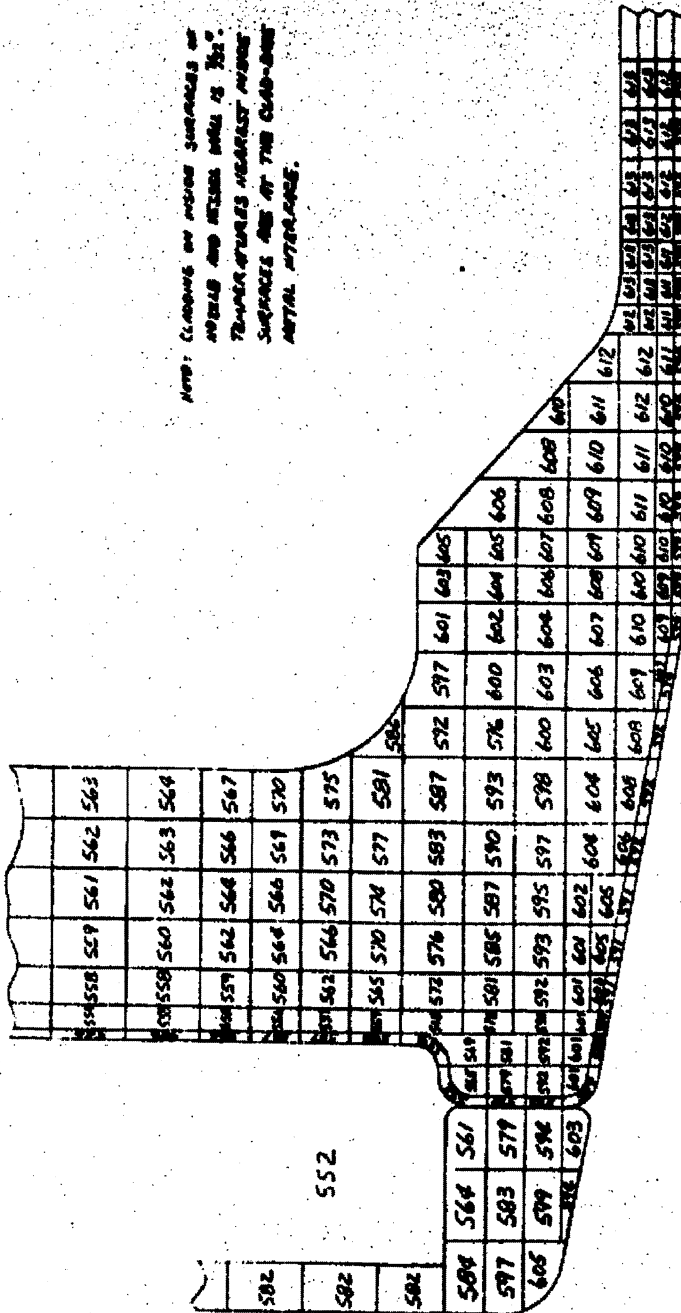


FIGURE B-35

THIS DRAWING IS A PART OF THE
 MASS OF PUMP, ONE PUMP
 ITEM - 18. F. 18. F.
 DRAWING NO. - 18. F. 18. F.
 DATE - 12-27-11

520



B-58

NOTE: CLAMPING ON ABOVE SURFACES OF
WHEELS AND AXLES SHALL BE 75%.
TEMPERATURES MEASURED ABOVE
SURFACES ARE AT THE QUAD-ONE
NETAL INTERFACE.

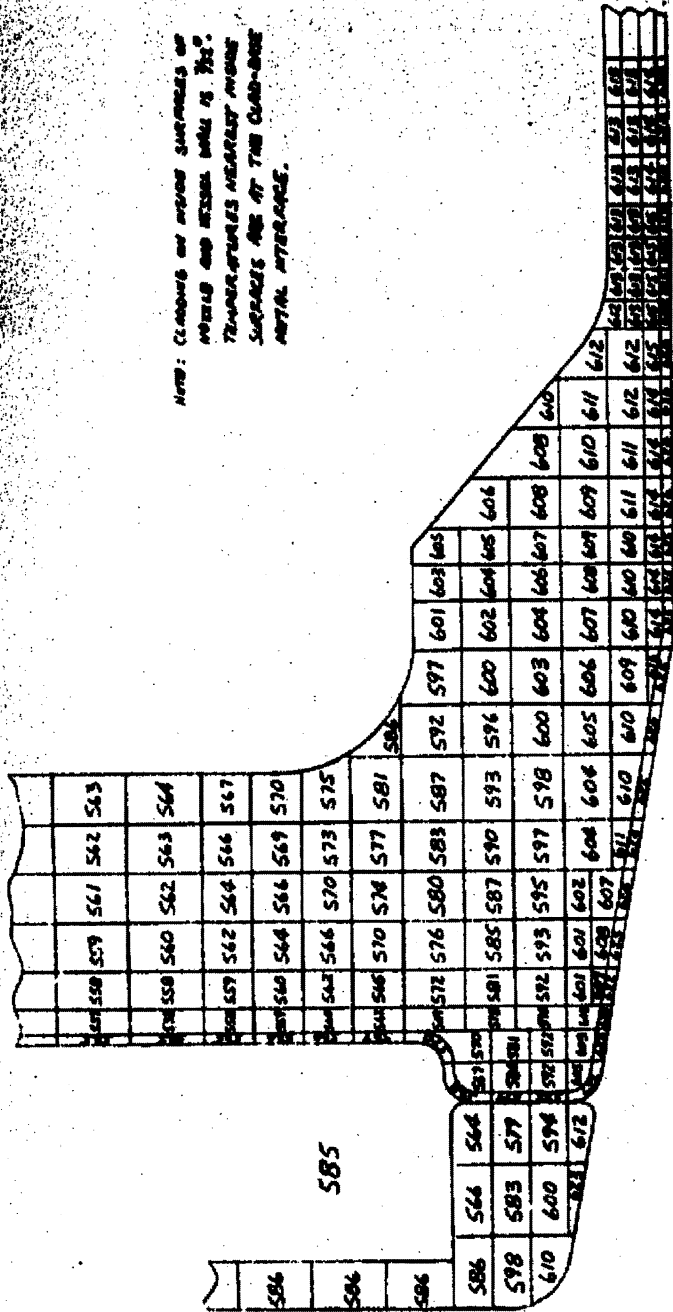


FIGURE B-24

TECHNICAL DRAWING

DATE: 12-27-11

BY: [Signature]

APP'D: [Signature]

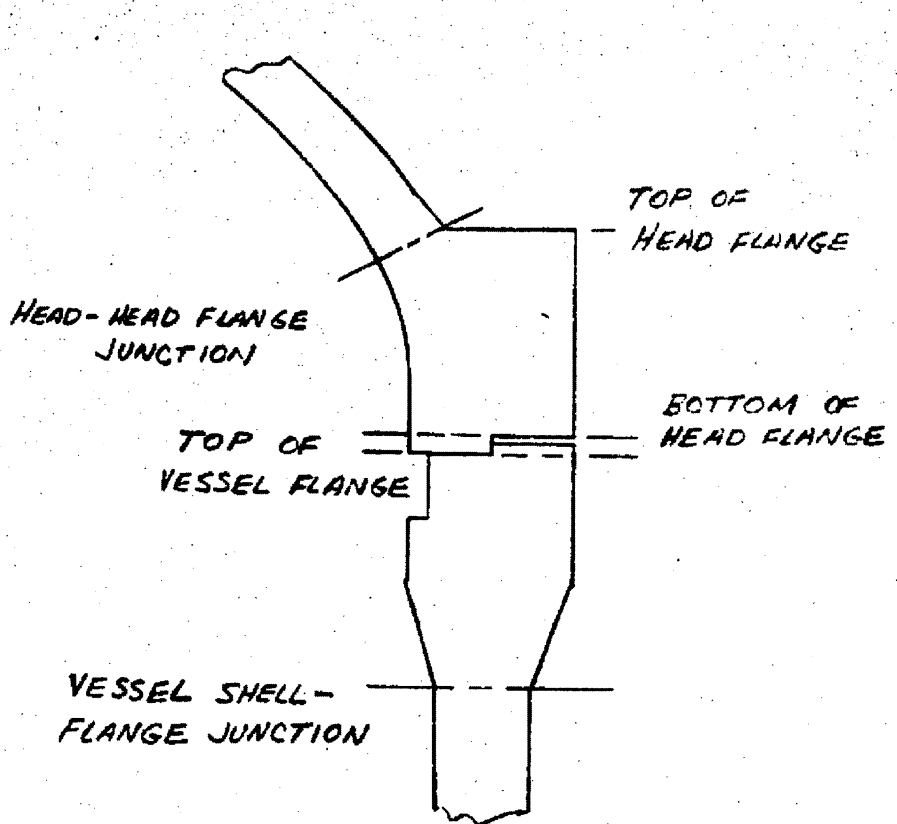
NO. SB-17K-5-73

653

COMBUSTION ENGINEERING, INC.
ENGINEERING DEPARTMENT, CHATTANOOGA, TENN.

NUMBER _____
SHEET B-61 OF _____
DATE _____ BY _____
CHECK DATE _____ BY _____

CHARGE NO. _____
DESCRIPTION HEAD AND VESSEL FLANGES



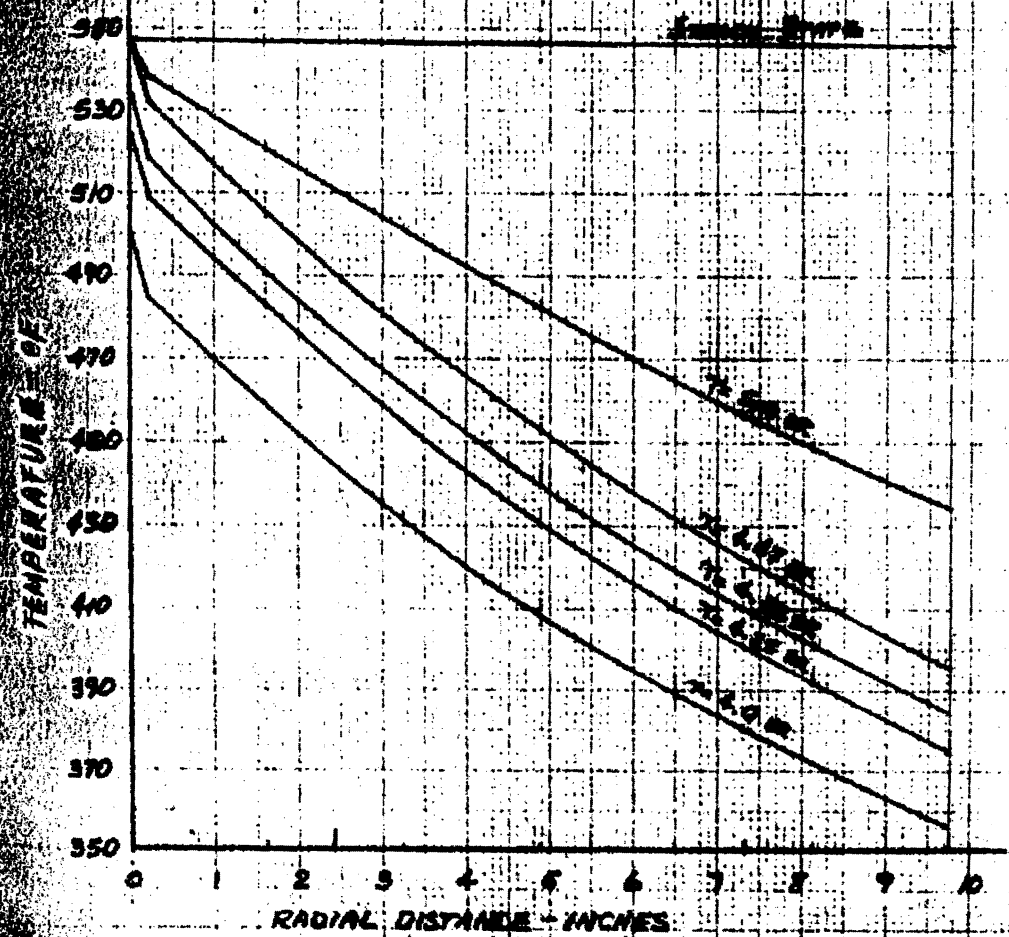
THIS SKETCH INDICATES THE LOCATIONS WHERE RADIAL GRADIENTS WERE PLOTTED AND THE THERMAL MOMENT CALCULATED.

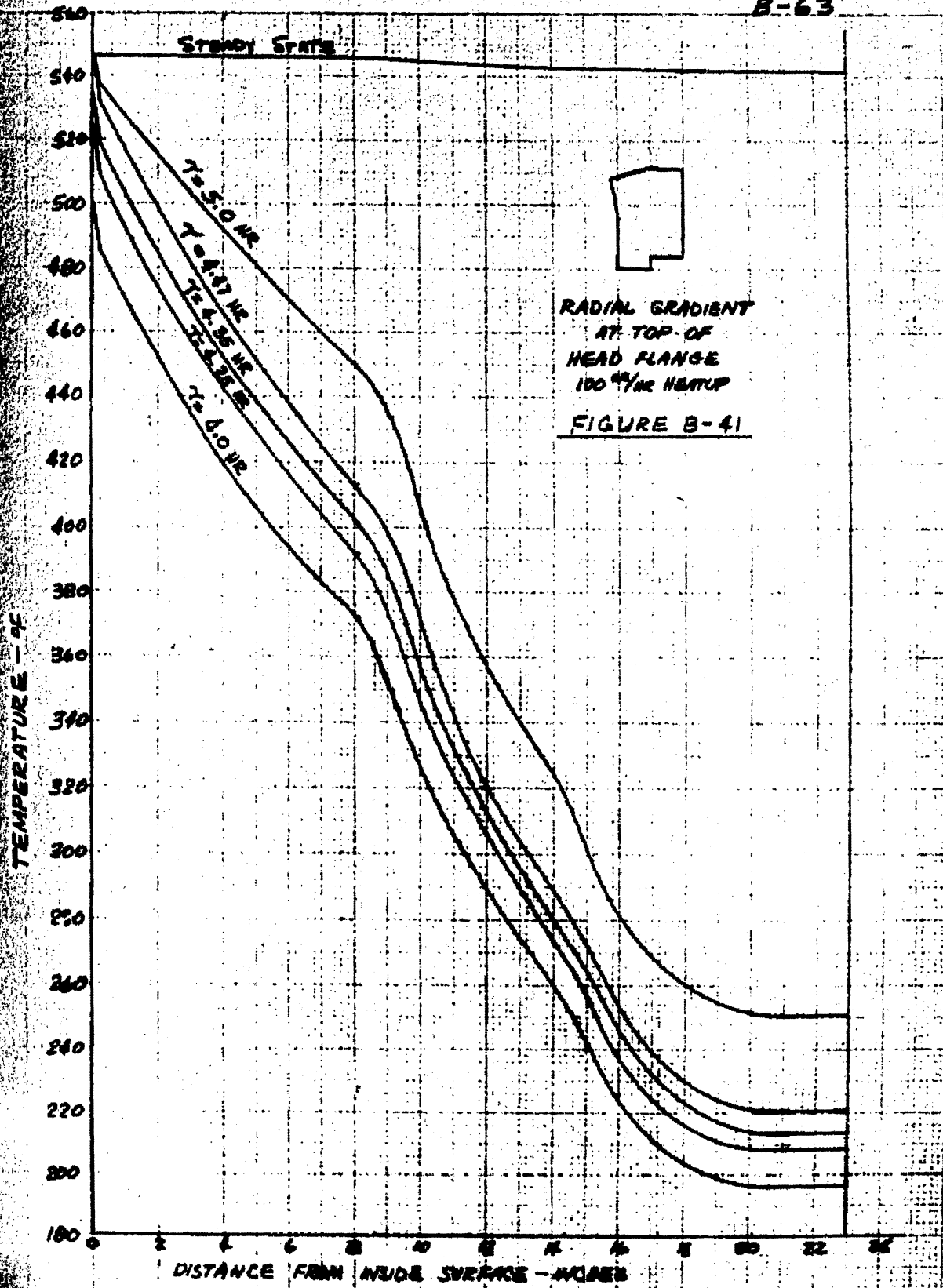
FIGURE B-39



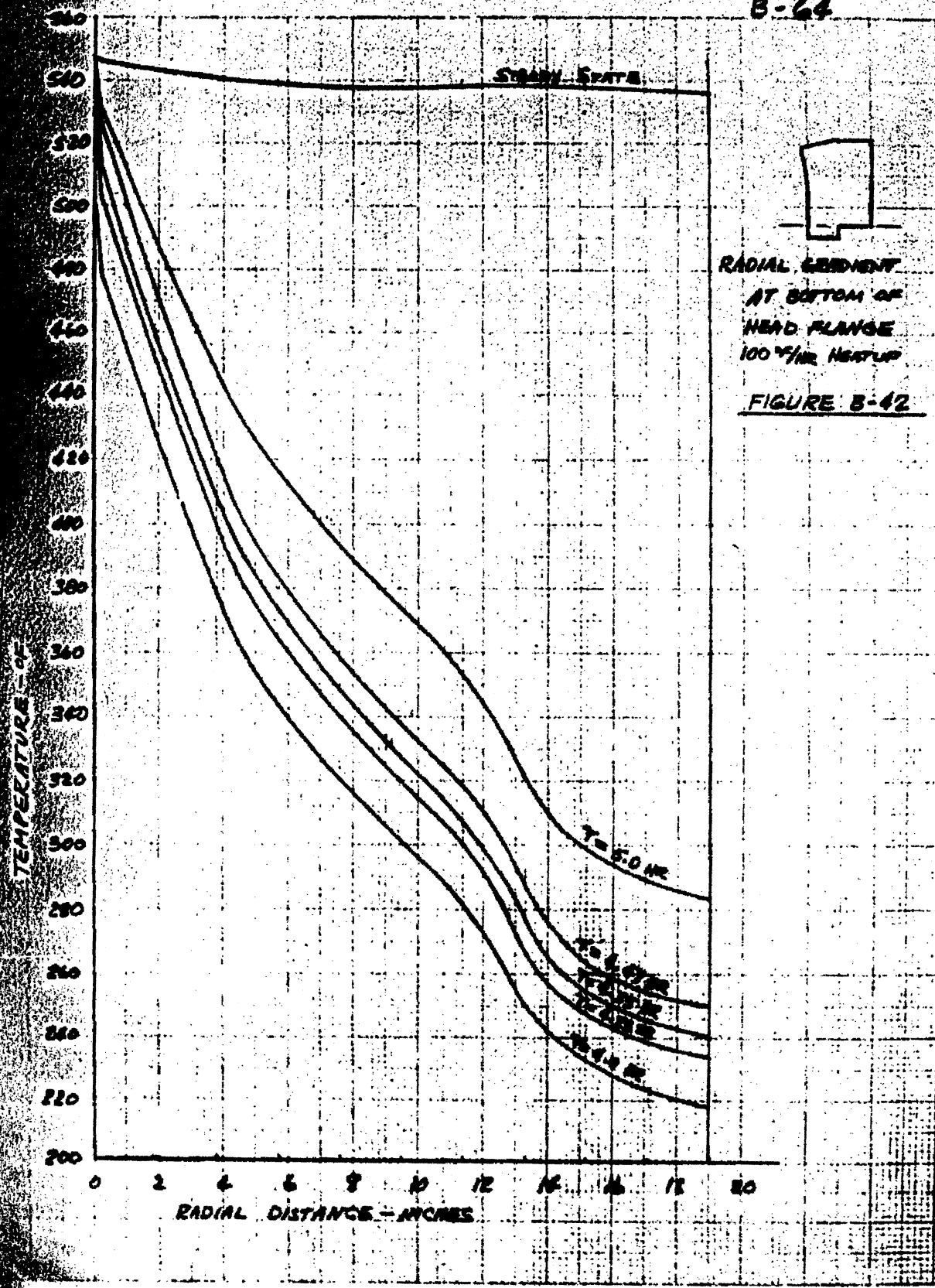
RADIAL GRADIENT AT
HEAD-HEAD FLANGE
JUNCTION
100 °/IN. HEATUP

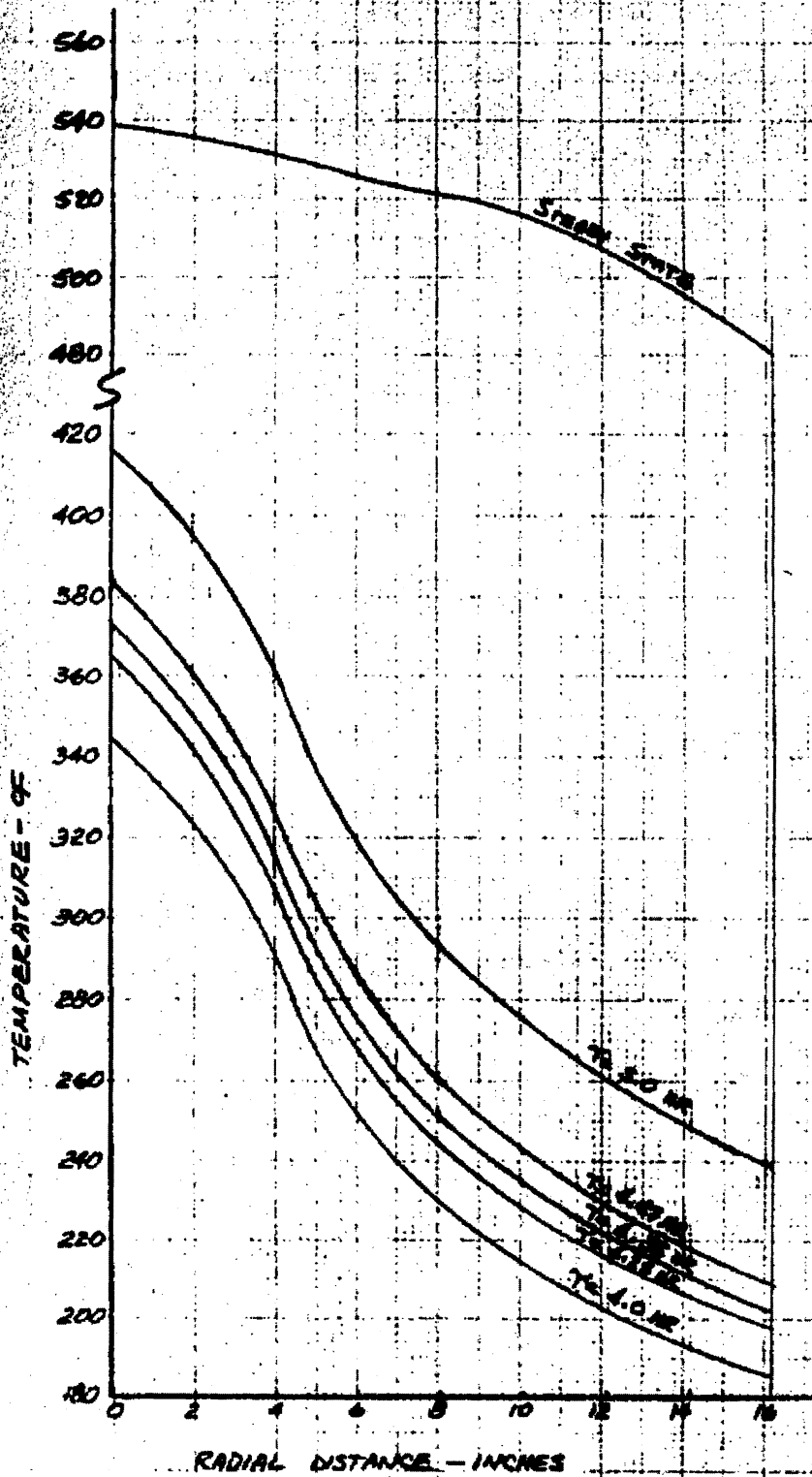
FIGURE B-40





B-64





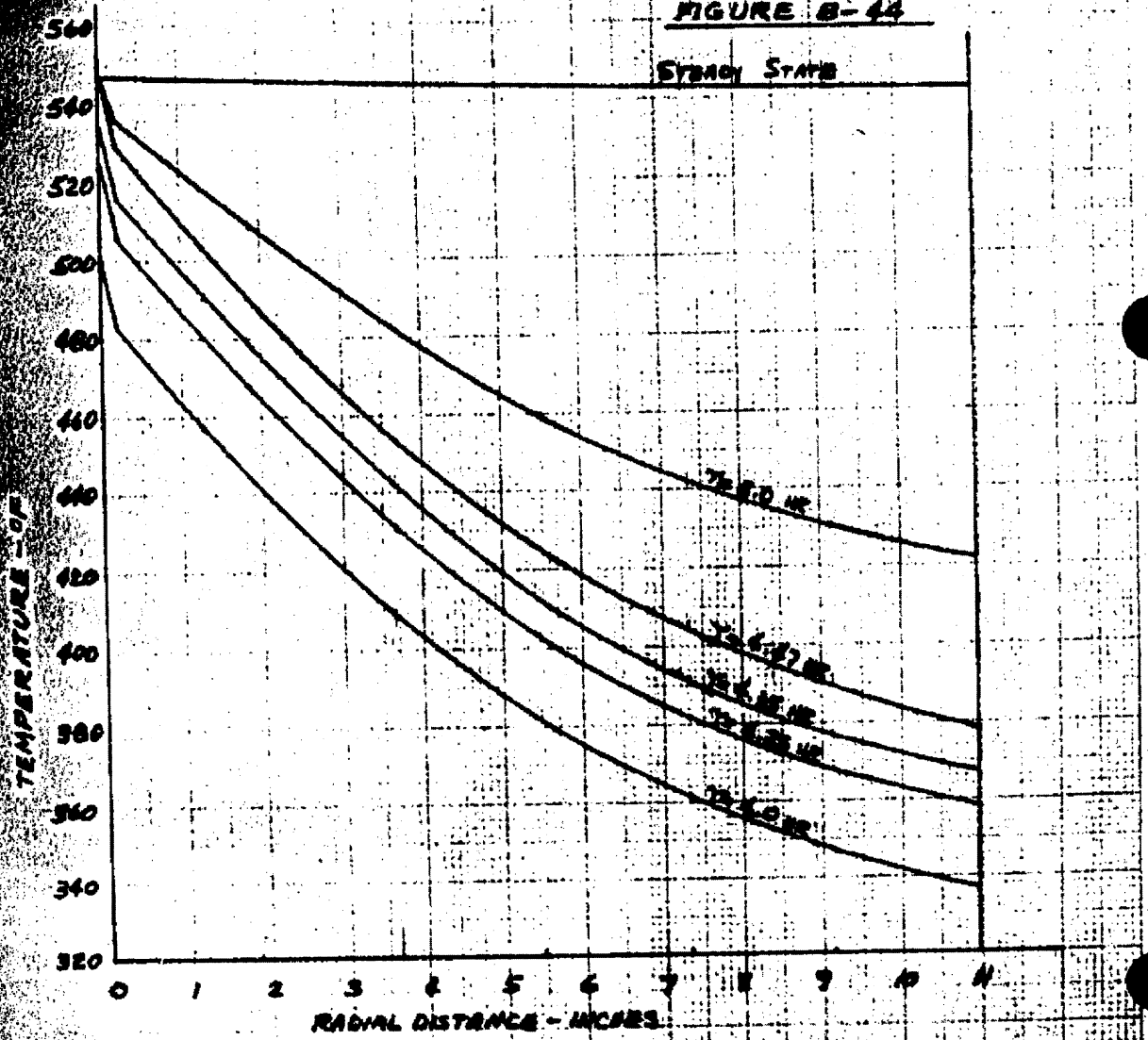
RADIAL GRADIENT
AT TOP OF
VESSEL FLANGE.
100 °F/HR HEATUP

FIGURE B-43

Submitted: December 27, 2011
8-66



RADIAL GRADIENT AT
VESSEL SHELL - FLANGE
JUNCTION
100 °F/HR HEATUP
FIGURE B-44



Submitted: December 27, 2011

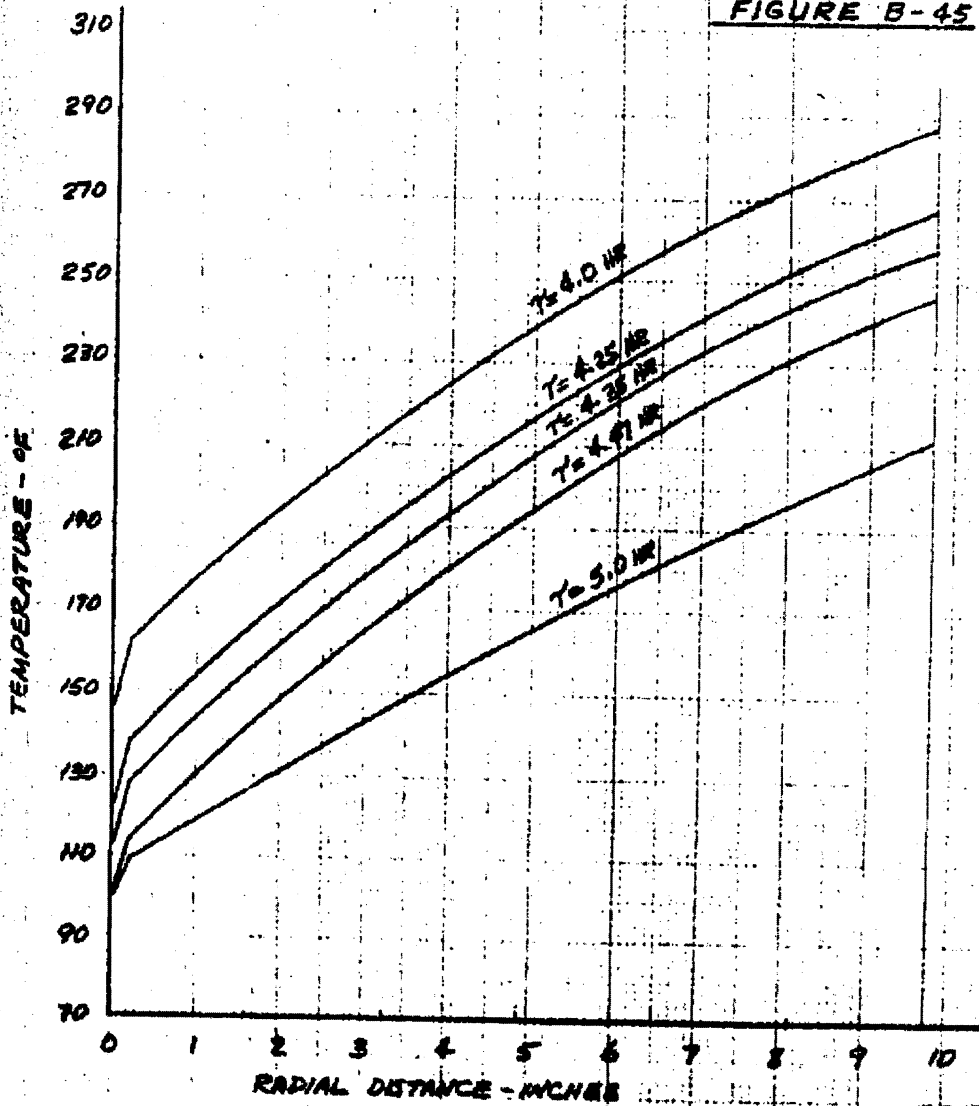
B-67

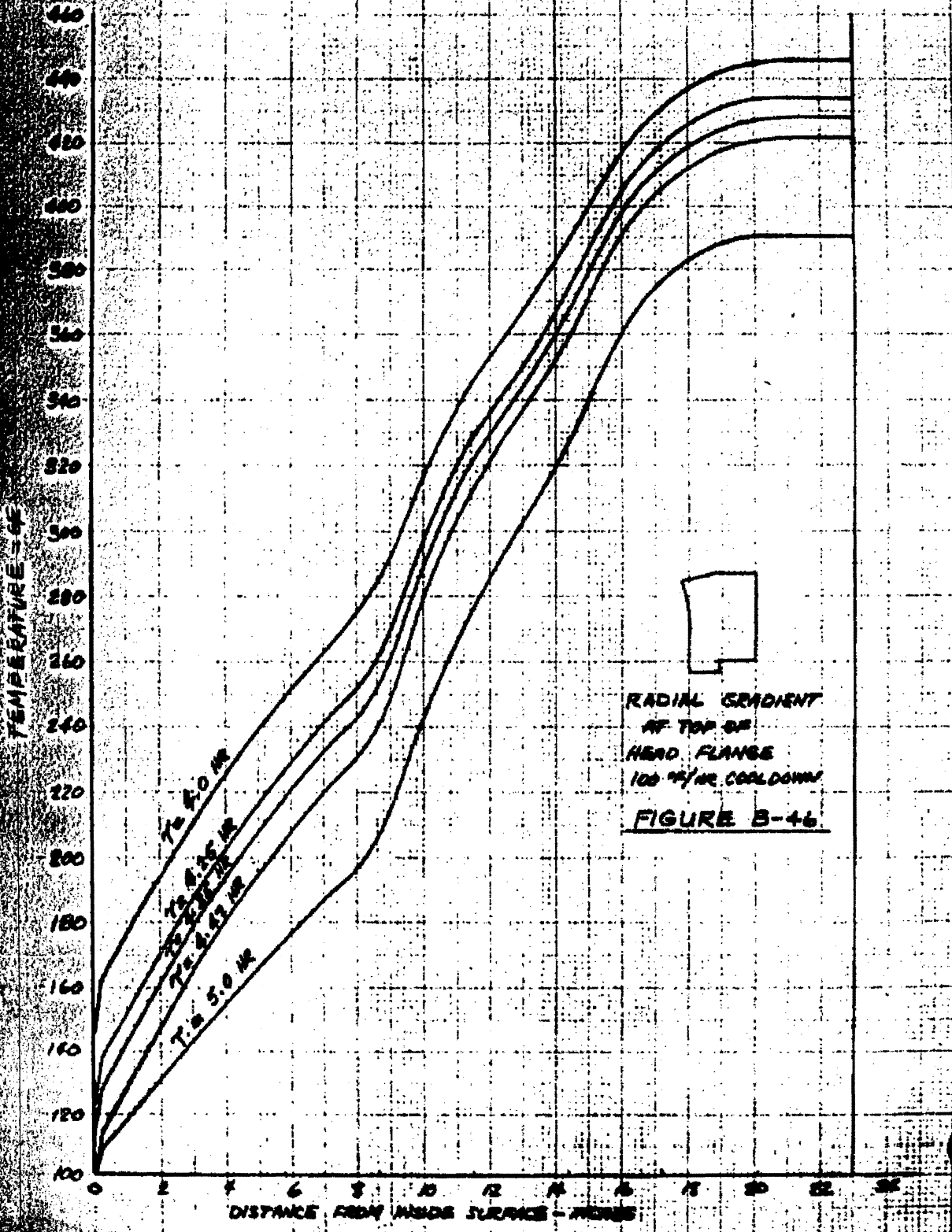


RADIAL GRADIENT AT
HEAD - HEAD FLANGE
JUNCTION

100 °/HR COOLDOWN

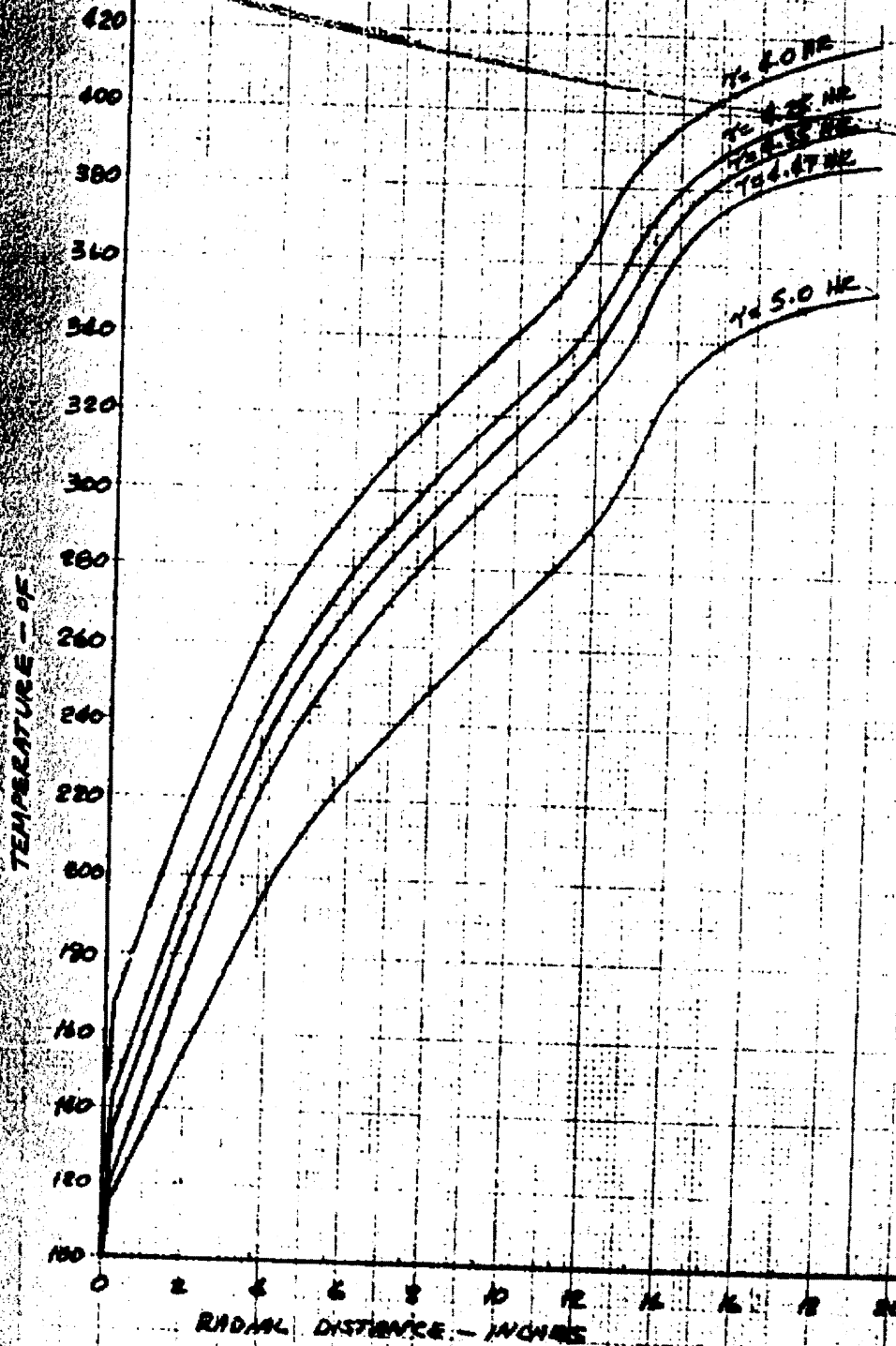
FIGURE B-45





Submitted: December 27, 2011

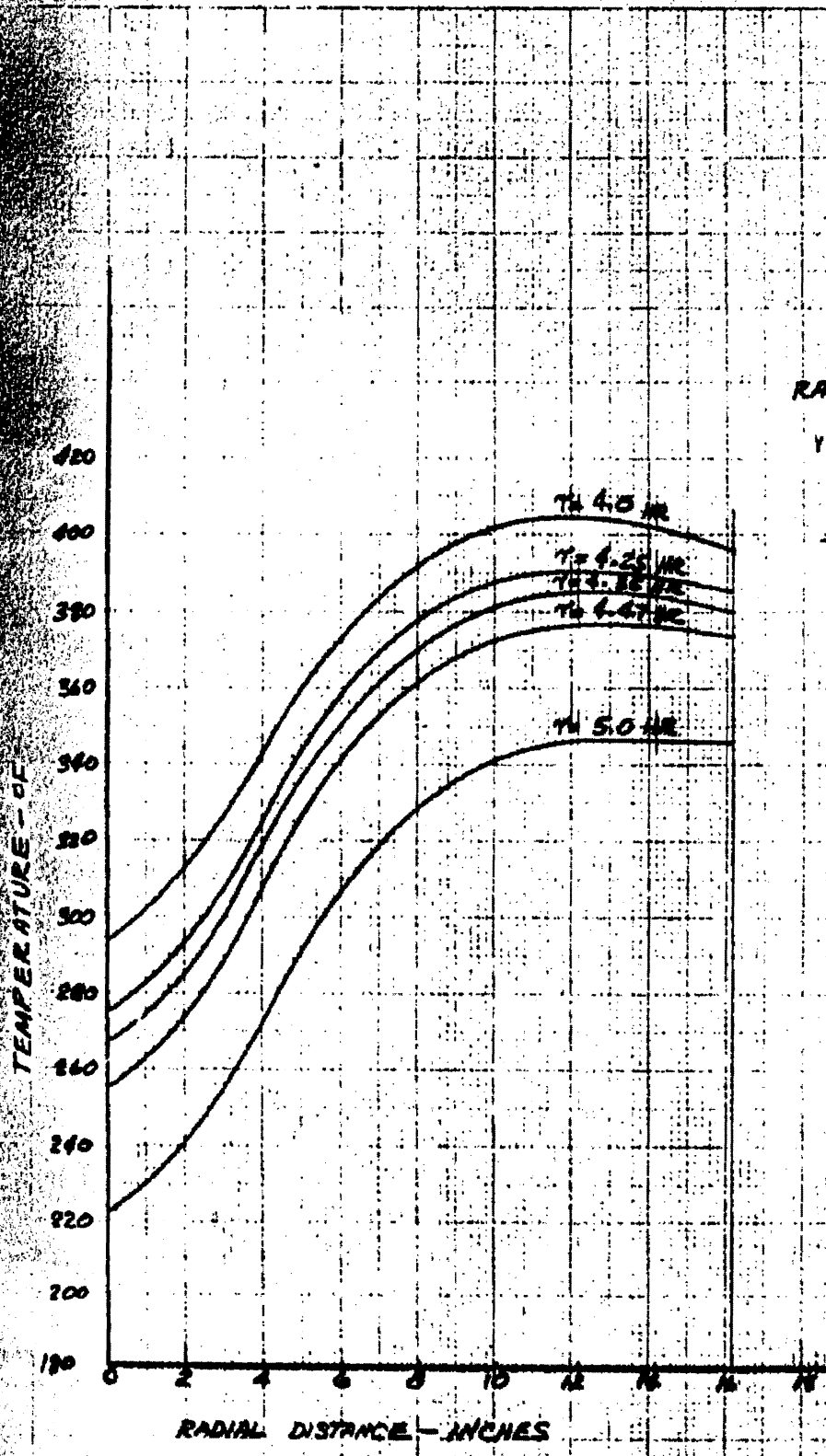
B-69



RADIAL GRADIENT
AT BOTTOM OF
HEAD FLANGE
1800°/IN COOLDOWN

FIGURE B-47

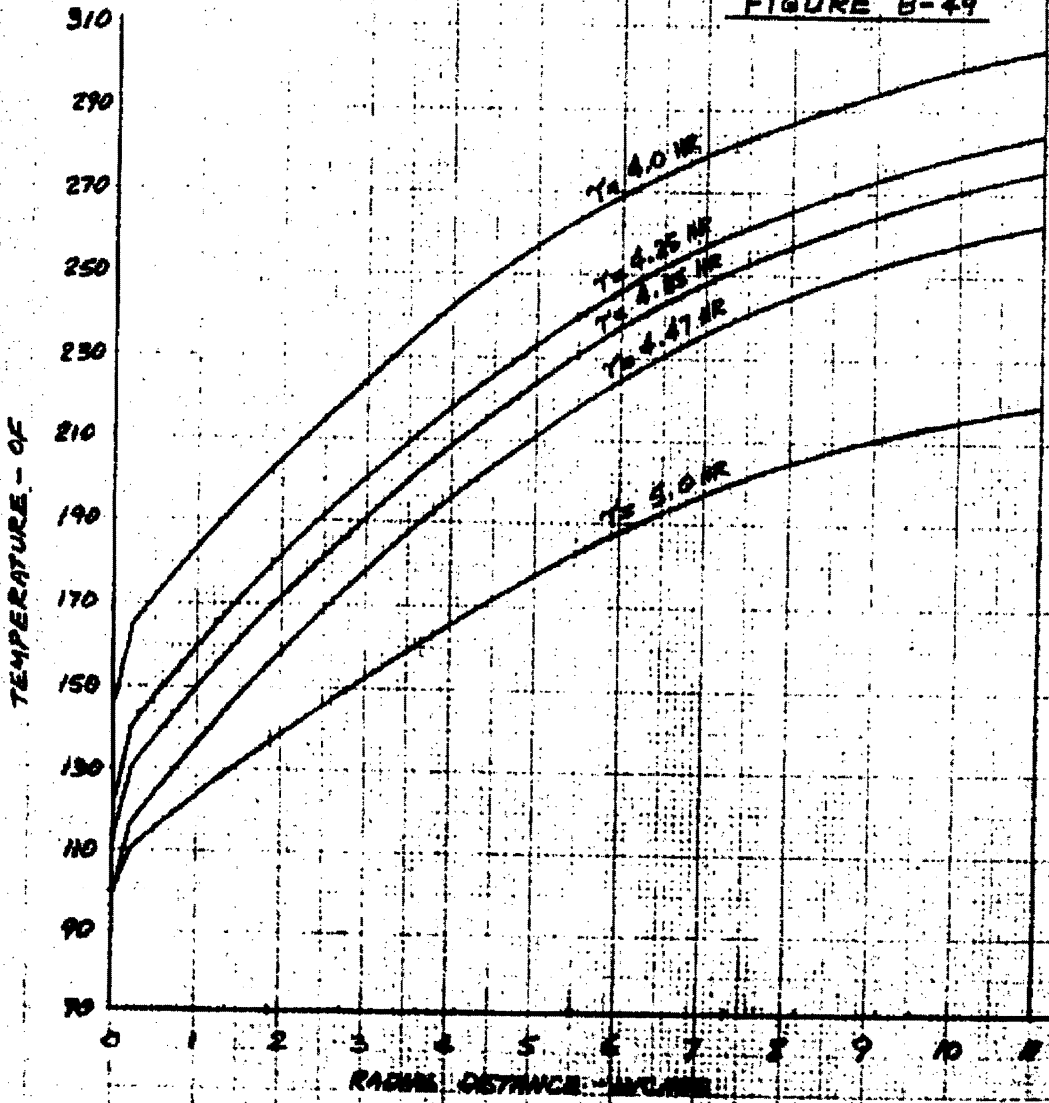
B-70



RADIAL GRADIENT
AT TOP OF
VESSEL FLANGE
100 °F/HR COOLDOWN
FIGURE B-48



RADIAL GRADIENT AT
VESSEL SHELL - FLANGE
JUNCTION
180 °F IN COOLDOWN
FIGURE B-49



COMBUSTION ENGINEERING, INC.

ENGINEERING DEPARTMENT, CHATTANOOGA, TENN.

Submitted: December 27, 2011

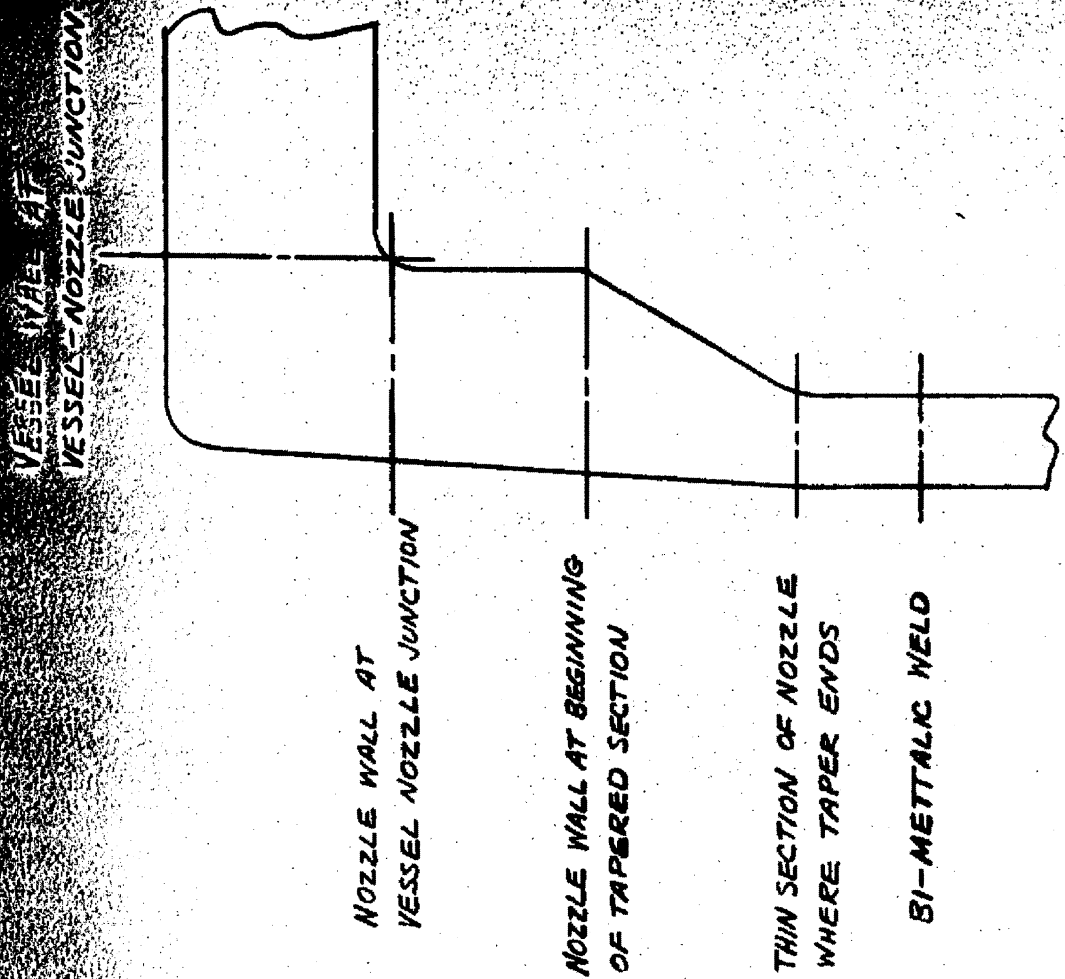
SHEET B-72 OF _____

DATE _____ BY _____

CHECK DATE _____ BY _____

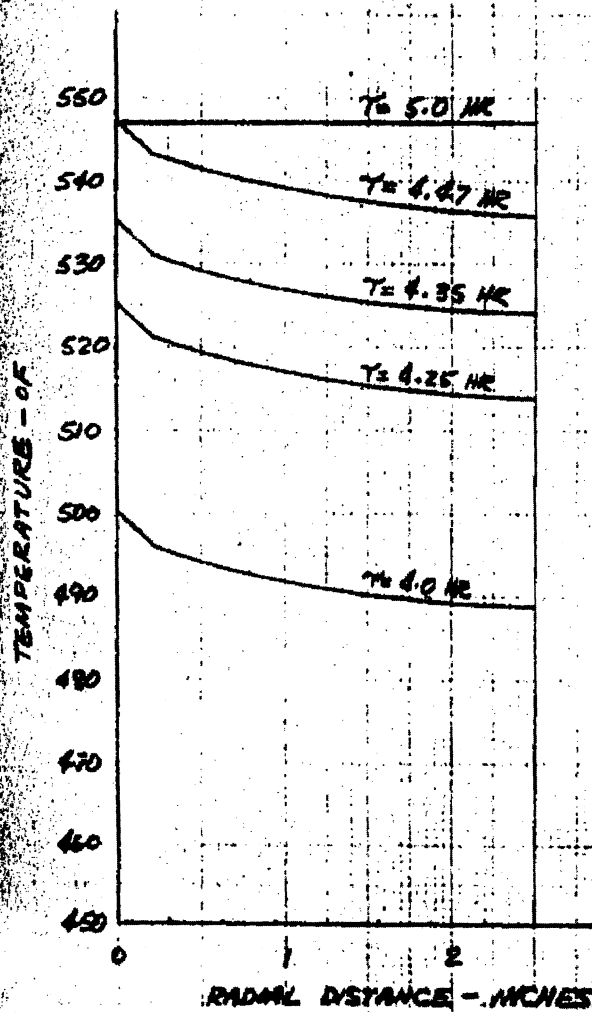
CHARGE NO. _____

DESCRIPTION INLET NOZZLE



THIS SKETCH INDICATES THE LOCATIONS WHERE RADIAL GRADIENTS WERE PLOTTED AND THE THERMAL MOMENT CALCULATED.

FIGURE B-50



RADIAL GRADIENT
THRU INLET NOZZLE
AT BI-METALLIC
WELD

100% HEATUP

FIGURE B-51