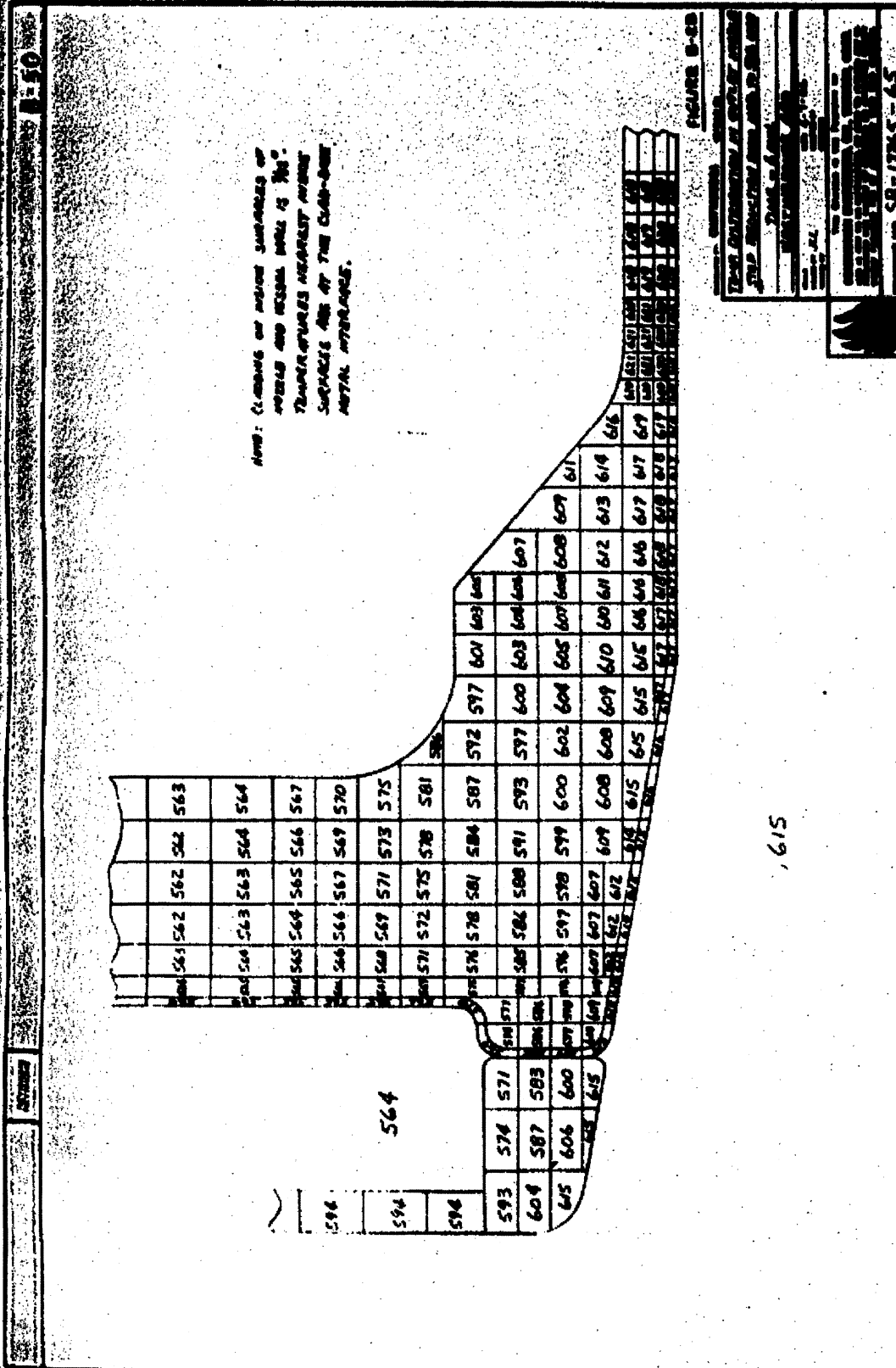
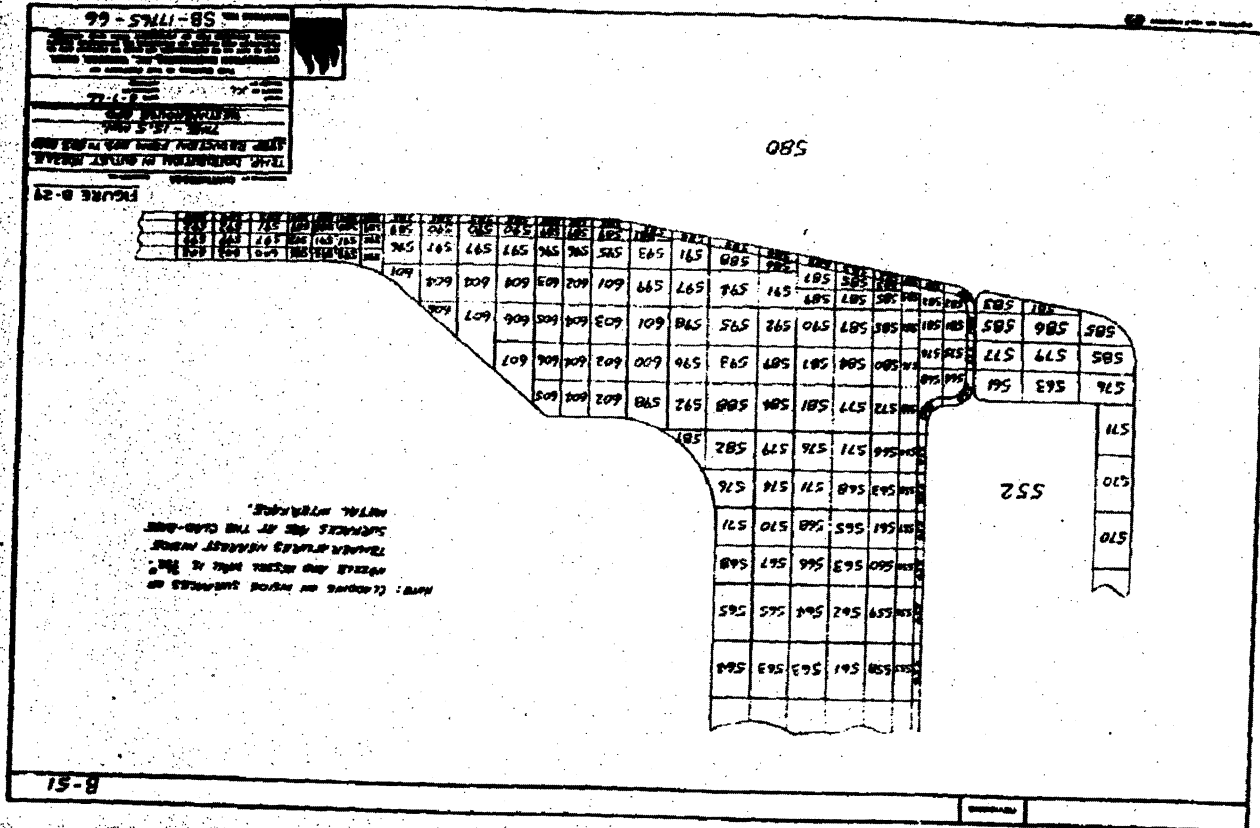


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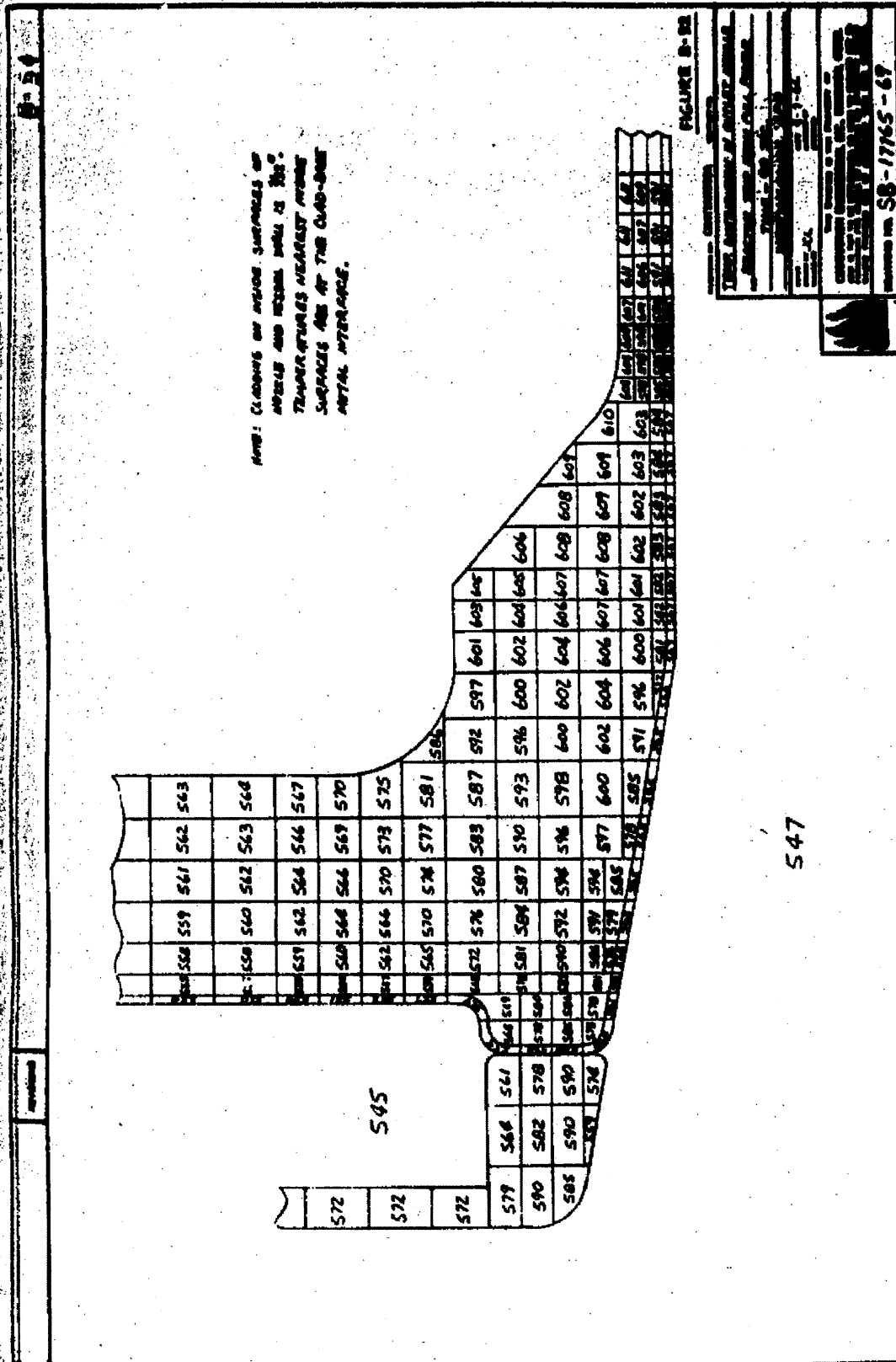




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[illegible]

Submitted: December 27, 2011



NOTE: CLIMBING ON WIRE SURFACES OF
WHEELS AND WHEEL HOUSING IS PROHIBITED.
TEMPERATURES NEAREST WIRE
SURFACES ARE AT THE COLD-END
METAL INTERFACE.

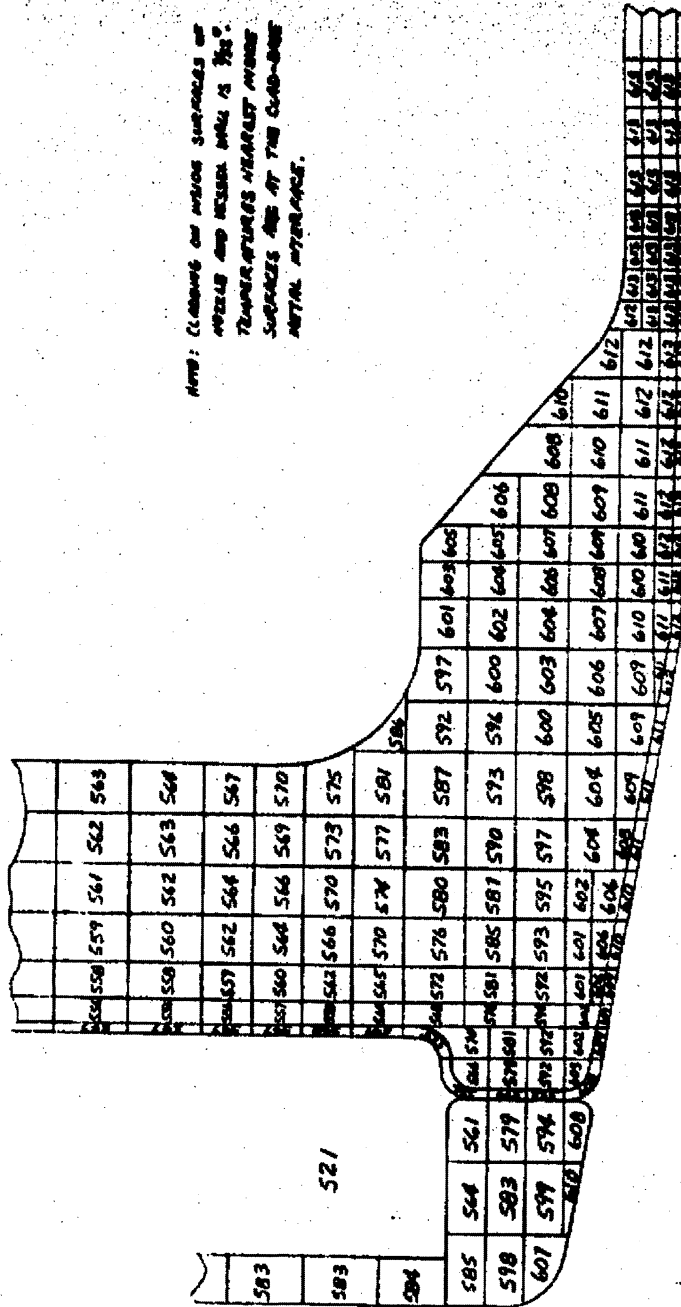


FIGURE 10-33

NAME: CONFIDENTIAL ADDRESS: CONFIDENTIAL
 TELE: CONFIDENTIAL ALI: CONFIDENTIAL
 (CROSS OF NEW, ONE FIVE)
 INDEX - 0 200
 RESEARCH - 0 200
 CONFIDENTIAL
 DATE: 11-17-66
 TIME: 11:00
 THE SUBJECTS OF THE REPORTS OF THE
 CONFIDENTIAL SOURCE, THE
 NAME OF THE SOURCE, THE
 CONFIDENTIAL SOURCE
 02-5411-85
 CONFIDENTIAL

613

0-56

NOTE: CLAMPING ON MASON SURFACES OF
WELDED AND REBAR SHALL BE 30".
TEMPERATURES HIGHEST MASON
SURFACES ARE AT THE CLAMP-ON
METAL WIRING.

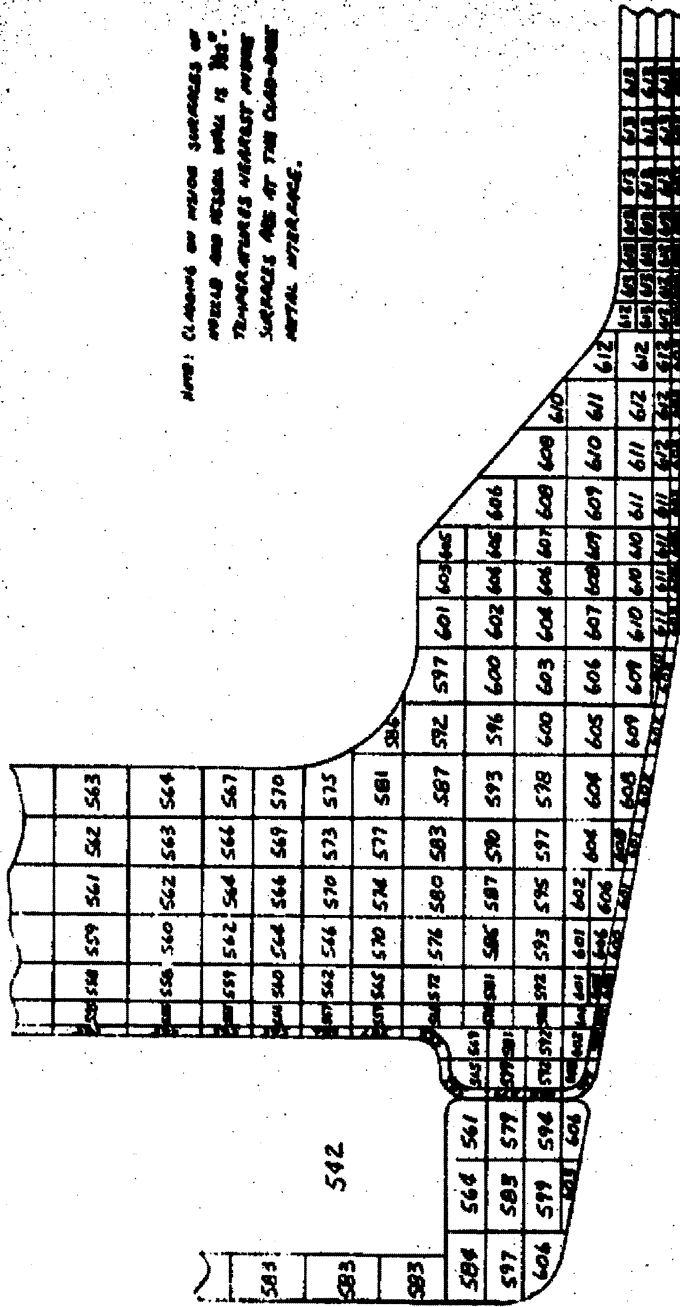


FIGURE P-34

TEMP. DISTRIBUTION IN BRIDGE JOINT	
DATE: 10/10/65	
TIME: 10:00 AM	
BY: J. J. J.	
CHECKED BY: J. J. J.	
APPROVED BY: J. J. J.	
REMARKS: SB-1765-71	

540

NOTE: CLADDING ON INSIDE SURFACES OF
ROCKS AND OTHERS IS 1/2" THICK
TRUSS STUDS NEAREST INSIDE
SURFACES ARE AT THE CLADDING
METAL INTERFACES.

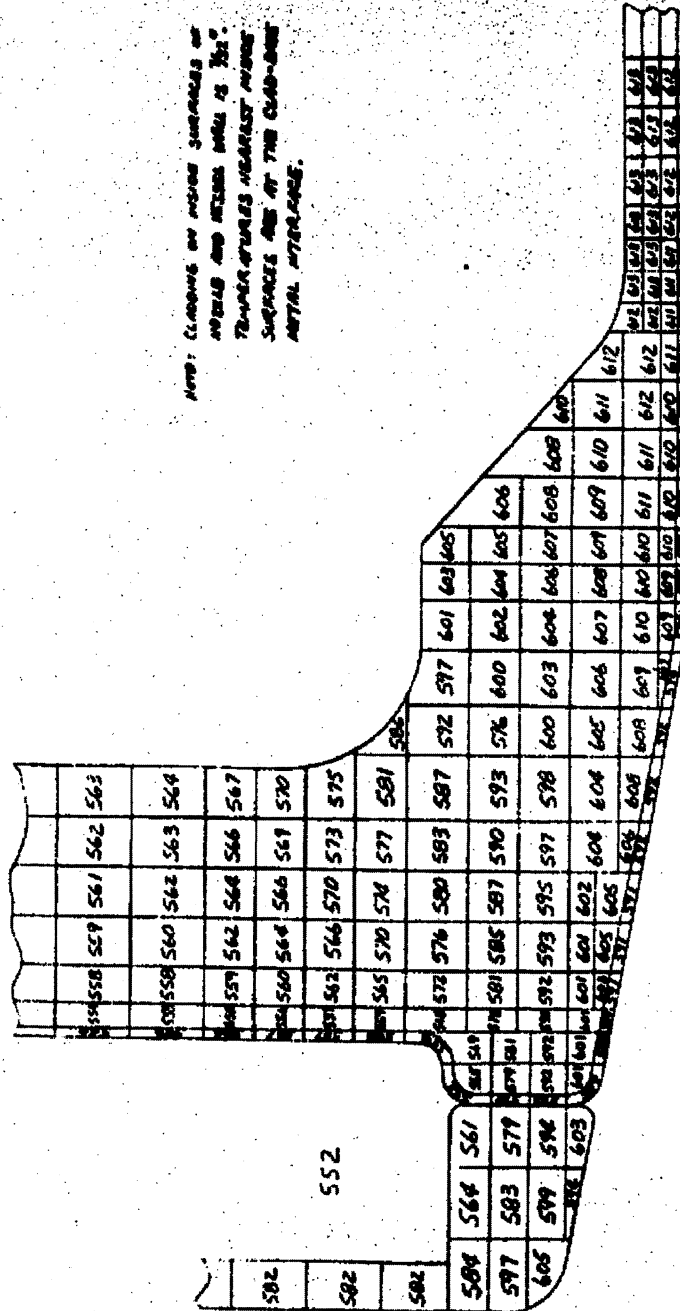
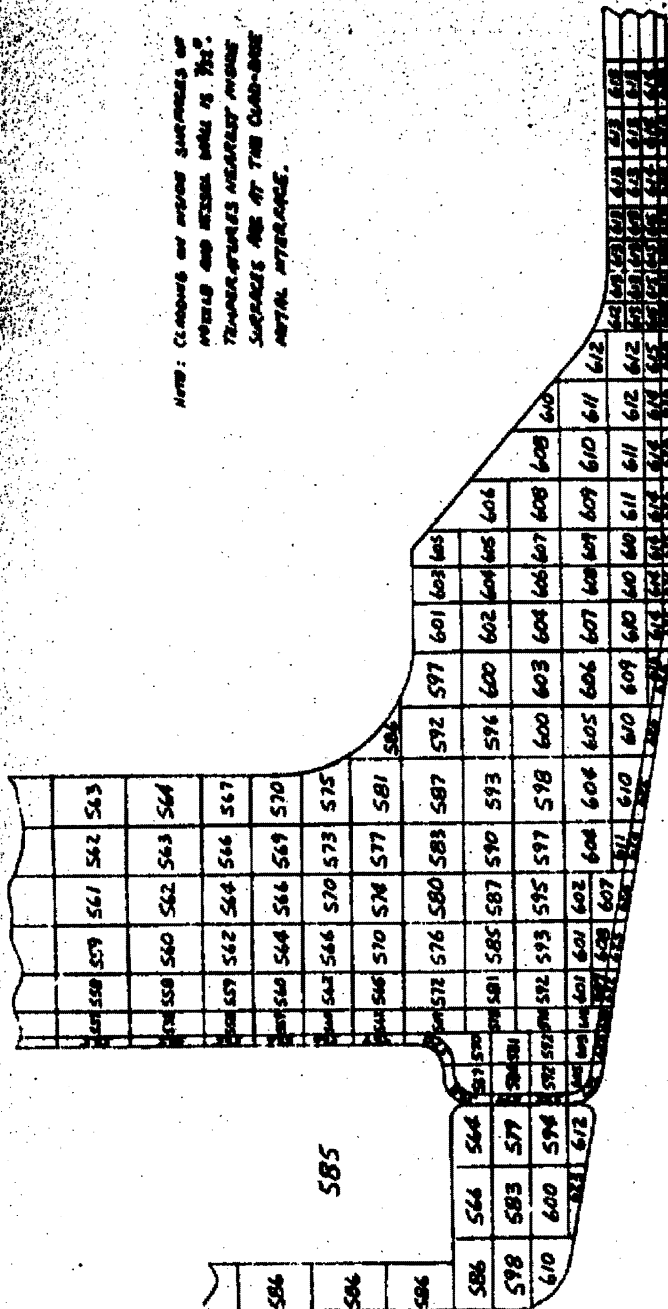


FIGURE B-35

[illegible]

520

585



FORM 9-76

[illegible]

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65-59

NOTE: CRACKING ON INSIDE SURFACES OF NOZZLE AND MISSILE BODY IS NOT TEMPERATURE NEAREST INSIDE SURFACES ARE AT THE COLD-END METAL INTERFACE.

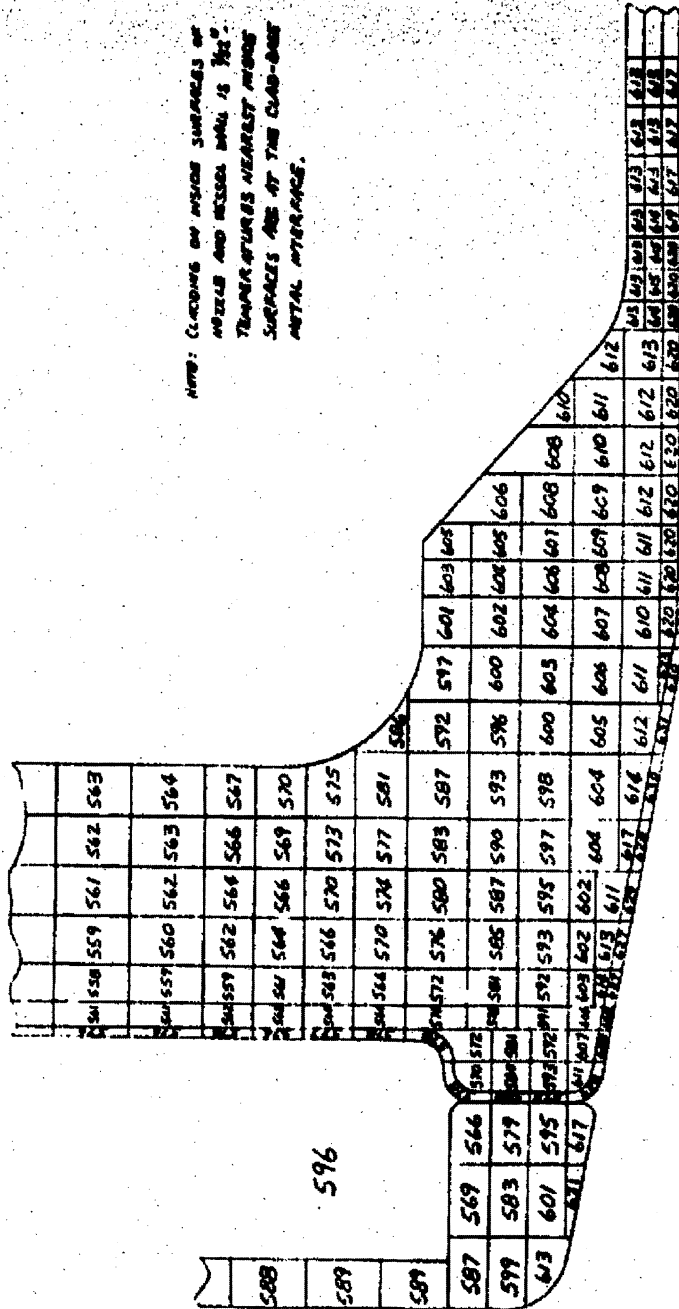


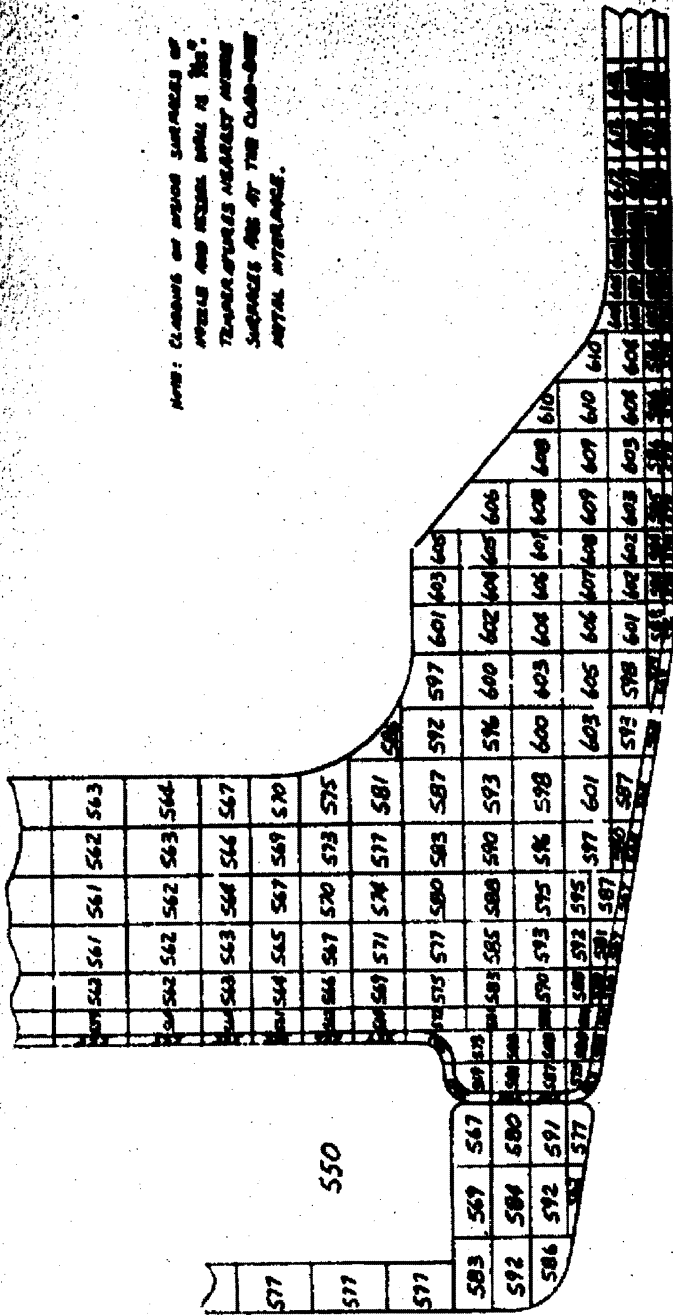
FIGURE B-37

[illegible]

635

1-60

NOTE: CLASSES ON THESE SURFACES OF
WHEELS AND AXLES WILL BE 30°.
TEMPERATURES MEASURED AT THE
SURFACES ARE AT THE COLD-DRY
INITIAL INTERVAL.



550

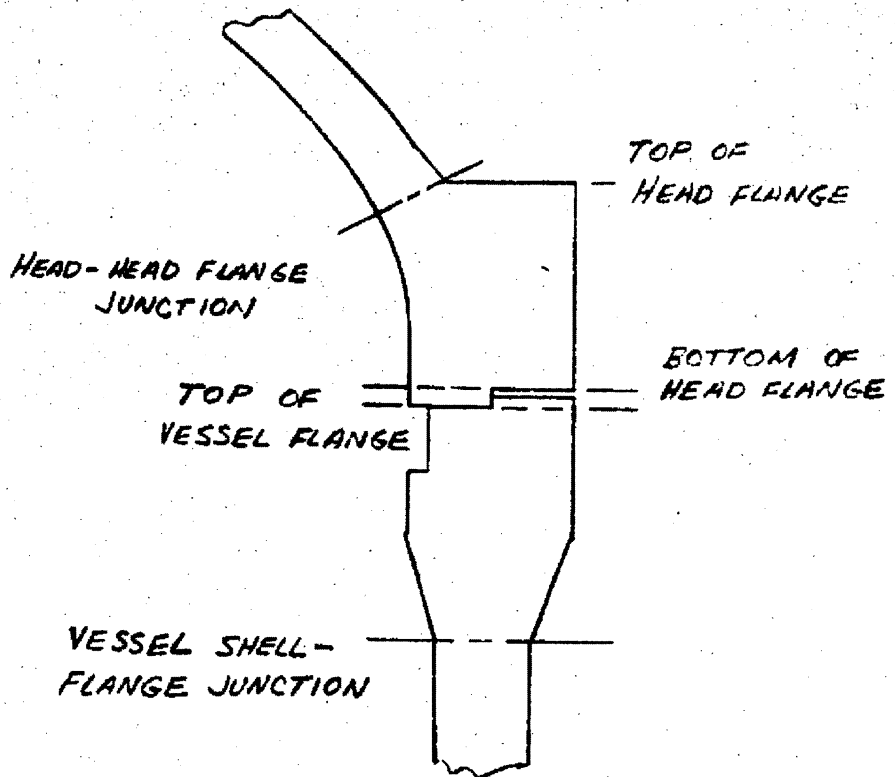
FIGURE 9-26

TEMPERATURE MEASUREMENTS
DATE: 10/10/00
TIME: 10:00
LOCATION: 1000
SURFACE: 1000
MEASUREMENT: 1000
REMARKS: 1000
SB-111NS-75

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

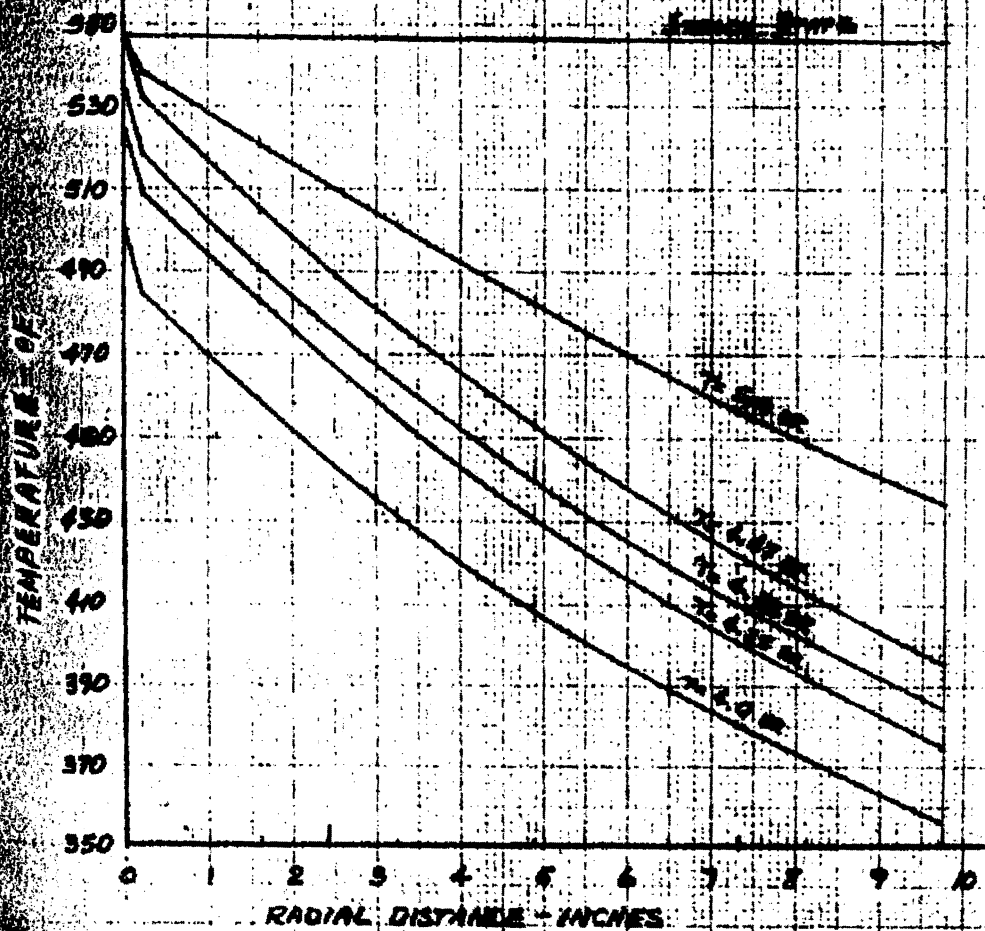
Submitted: December 27, 1977

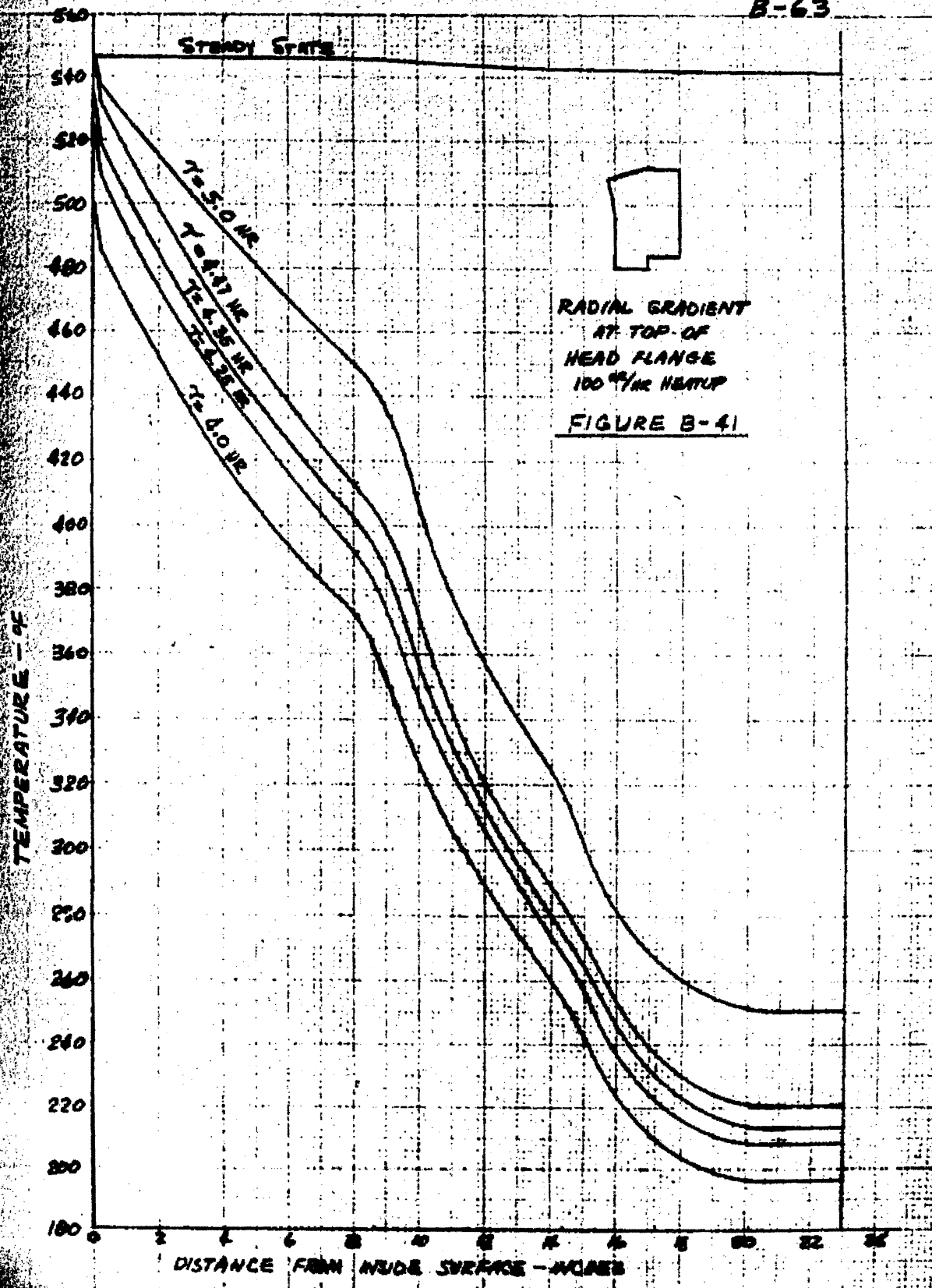
B-62



RADIAL GRADIENT AT
HEAD-HEAD FLANGE
JUNCTION
100 °/HR HEATUP

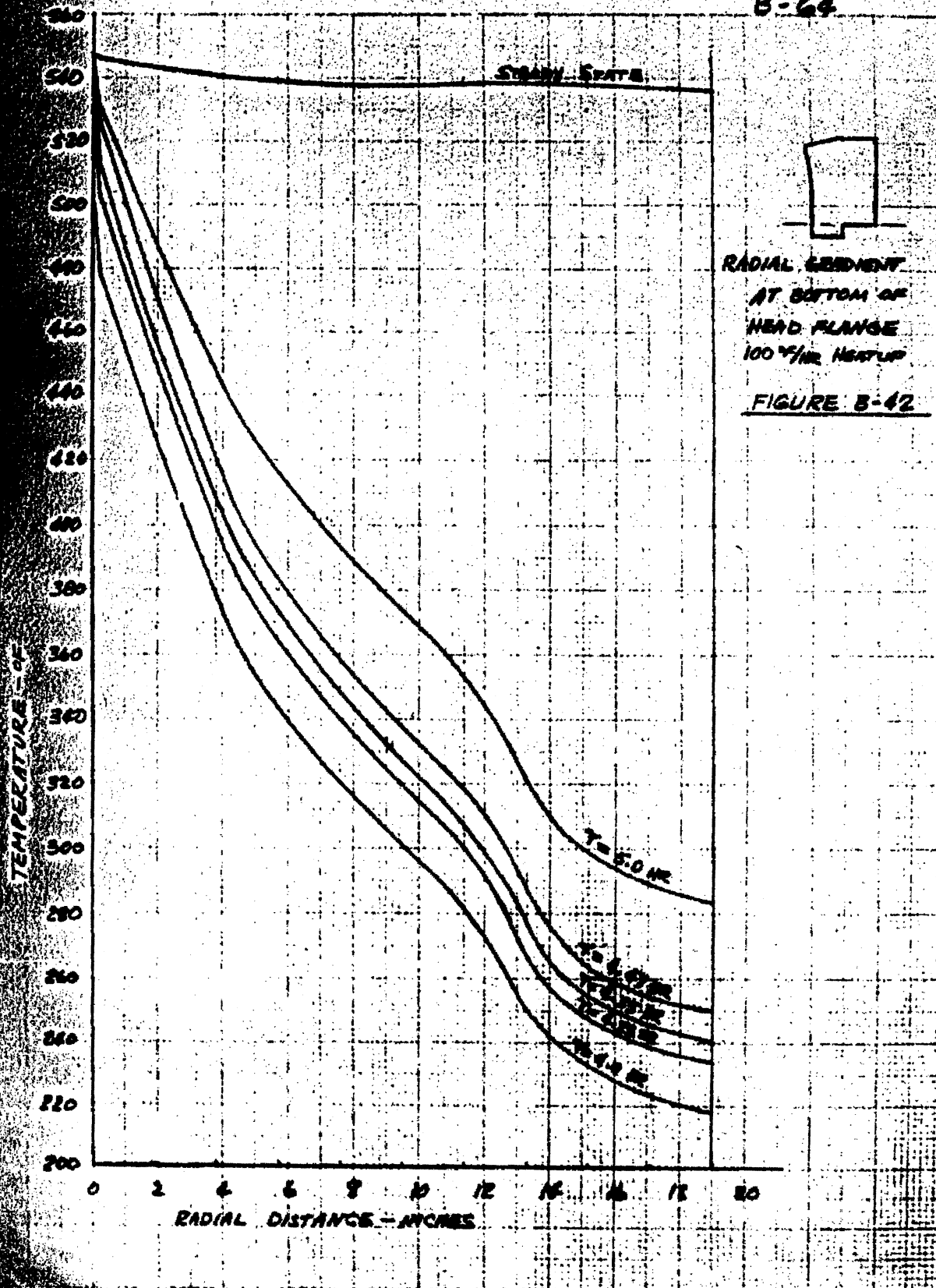
FIGURE B-40





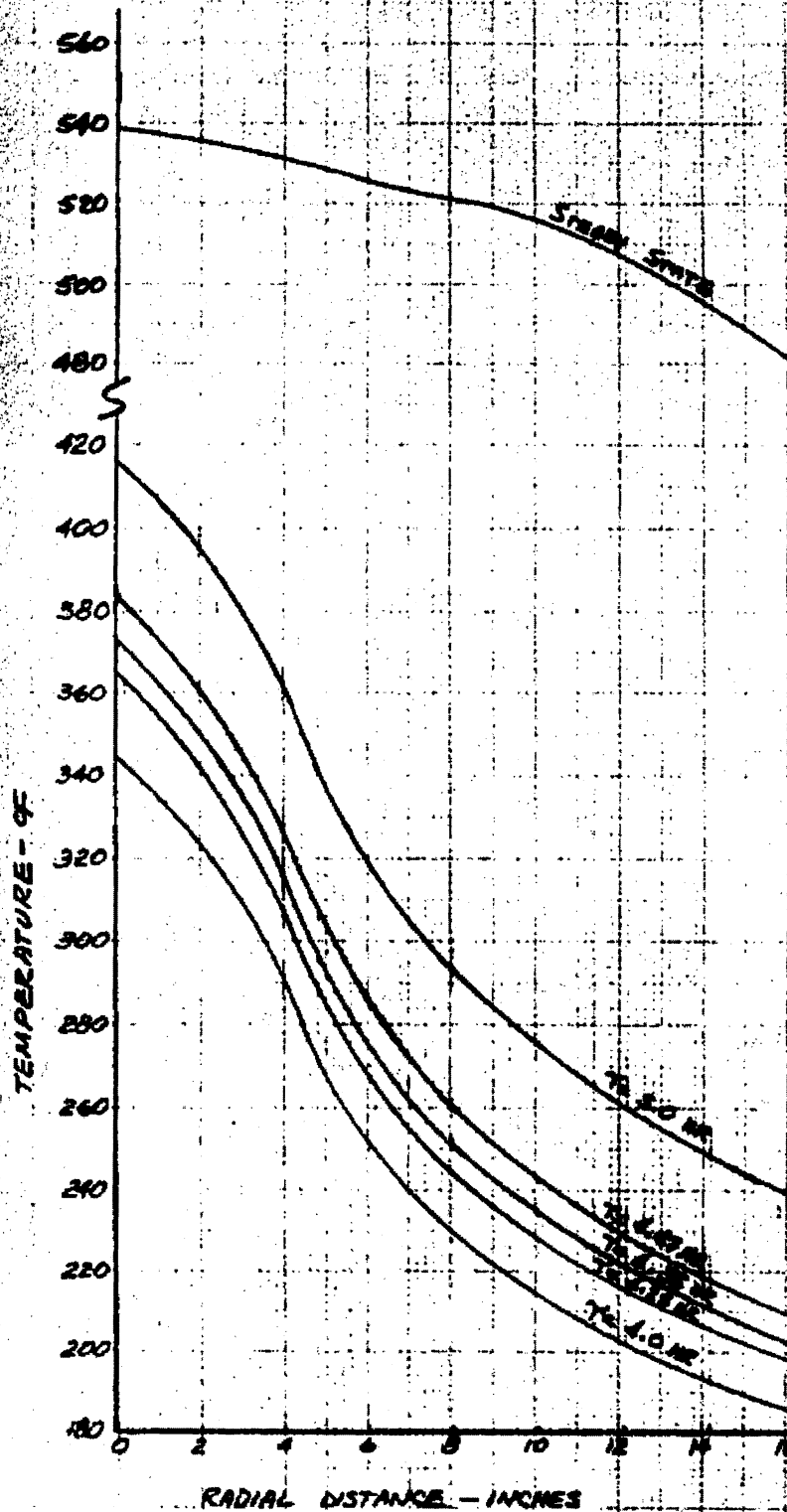
Submitted: December 27, 2011

B-44



Submitted: December 27, 2011

B-65



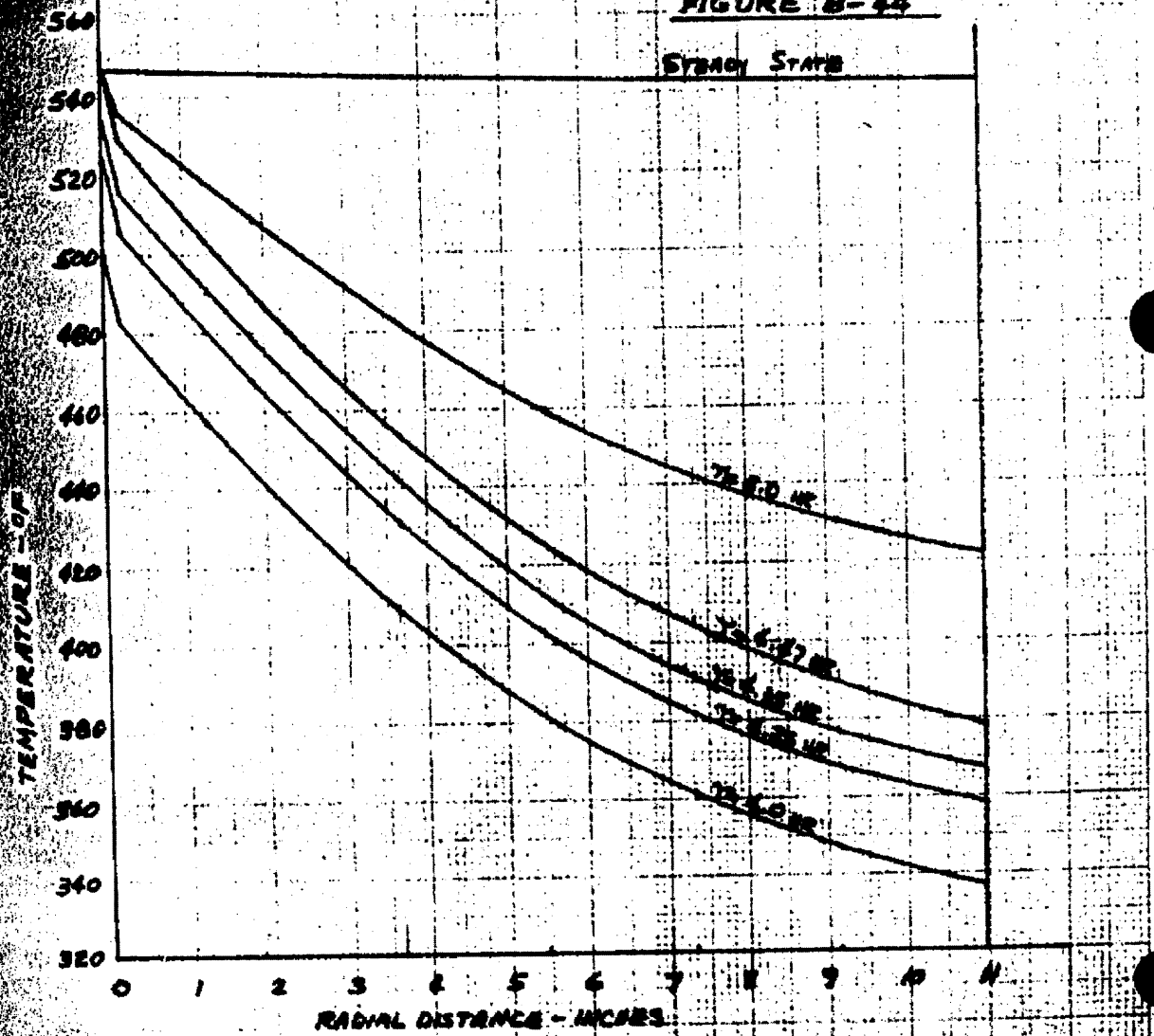
RADIAL GRADIENT
AT TOP OF
VESSEL FLANGE.
100 °F/HR HEATUP

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

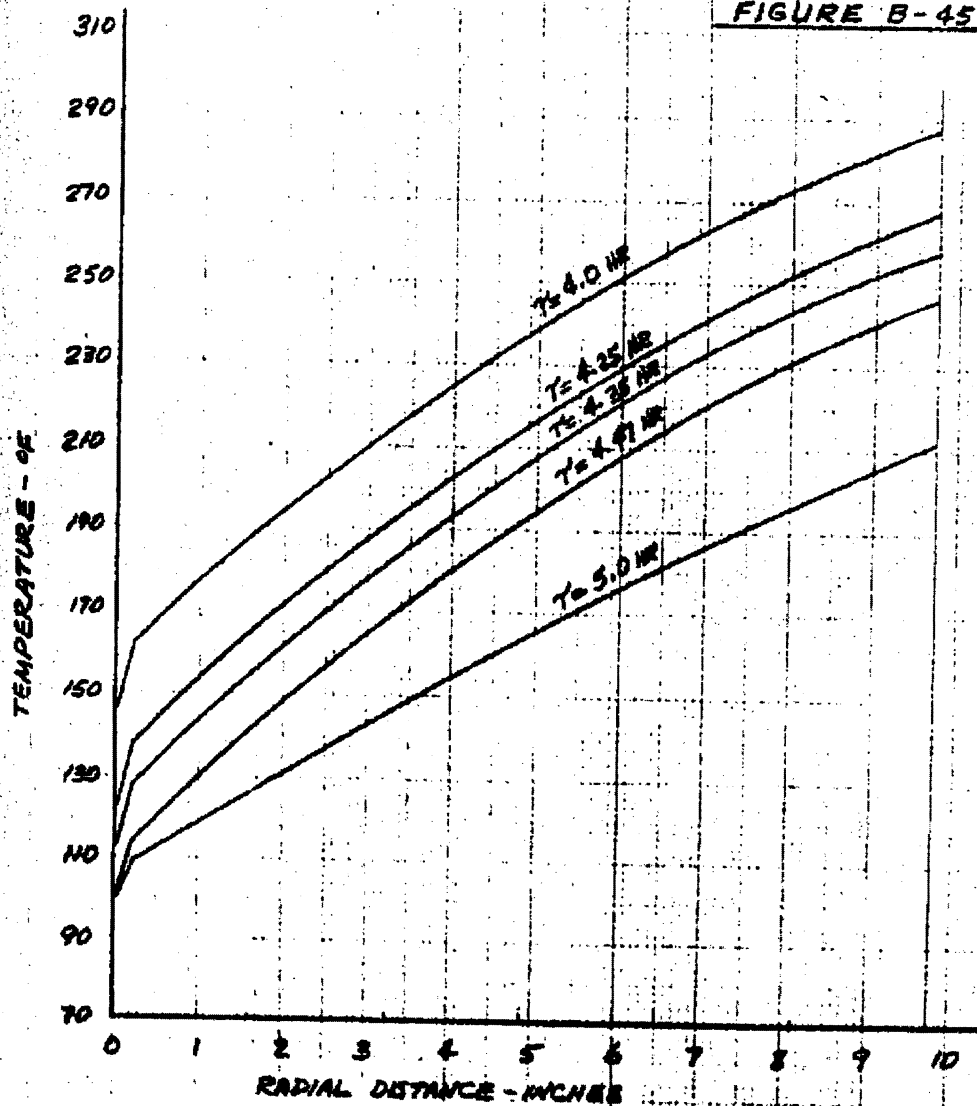
B-67



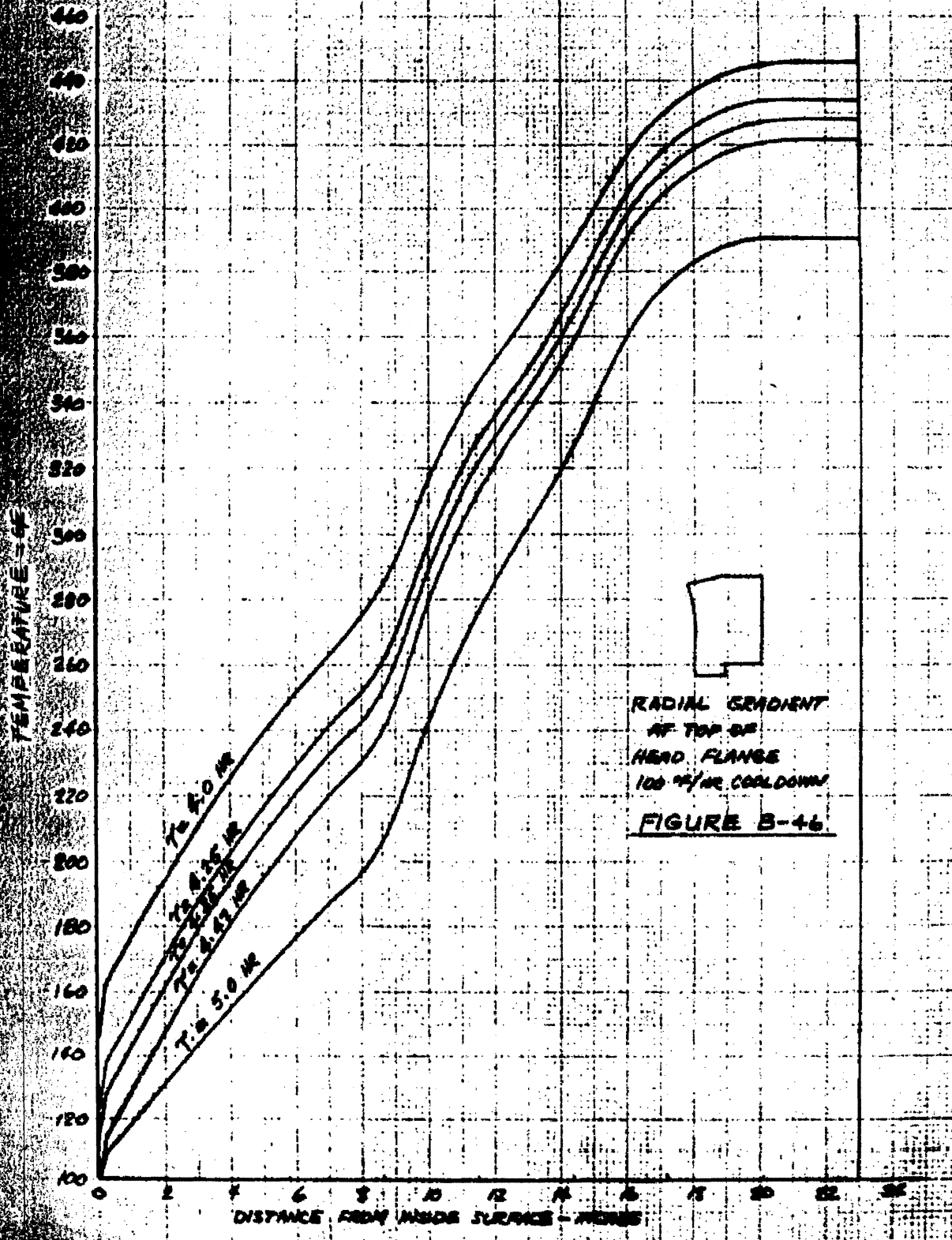
RADIAL GRADIENT AT
HEAD - HEAD FLANGE
JUNCTION

100 °/HR COOLDOWN

FIGURE B-45

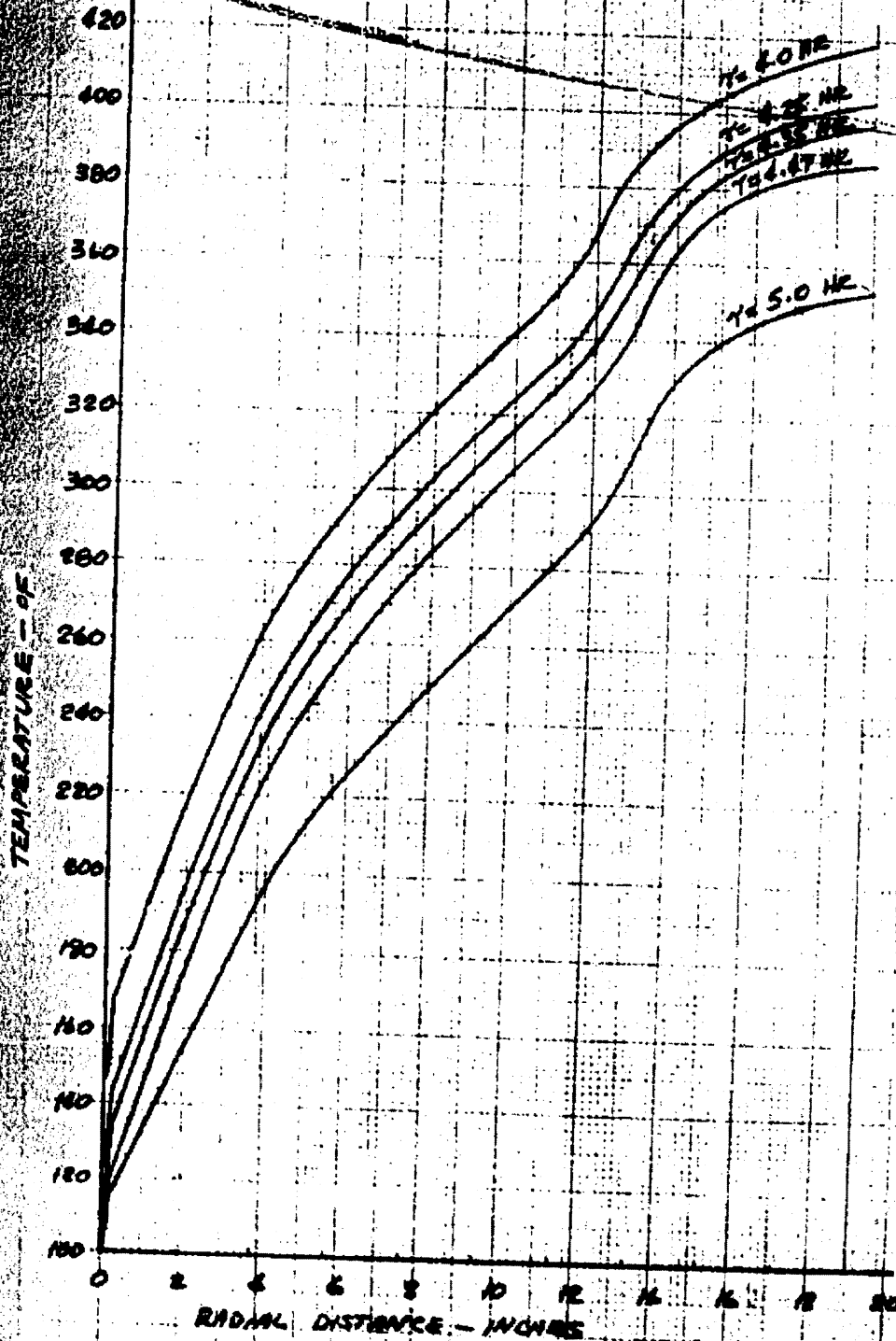


Submitted: December 27, 2011



Submitted: December 27, 2011

B-69

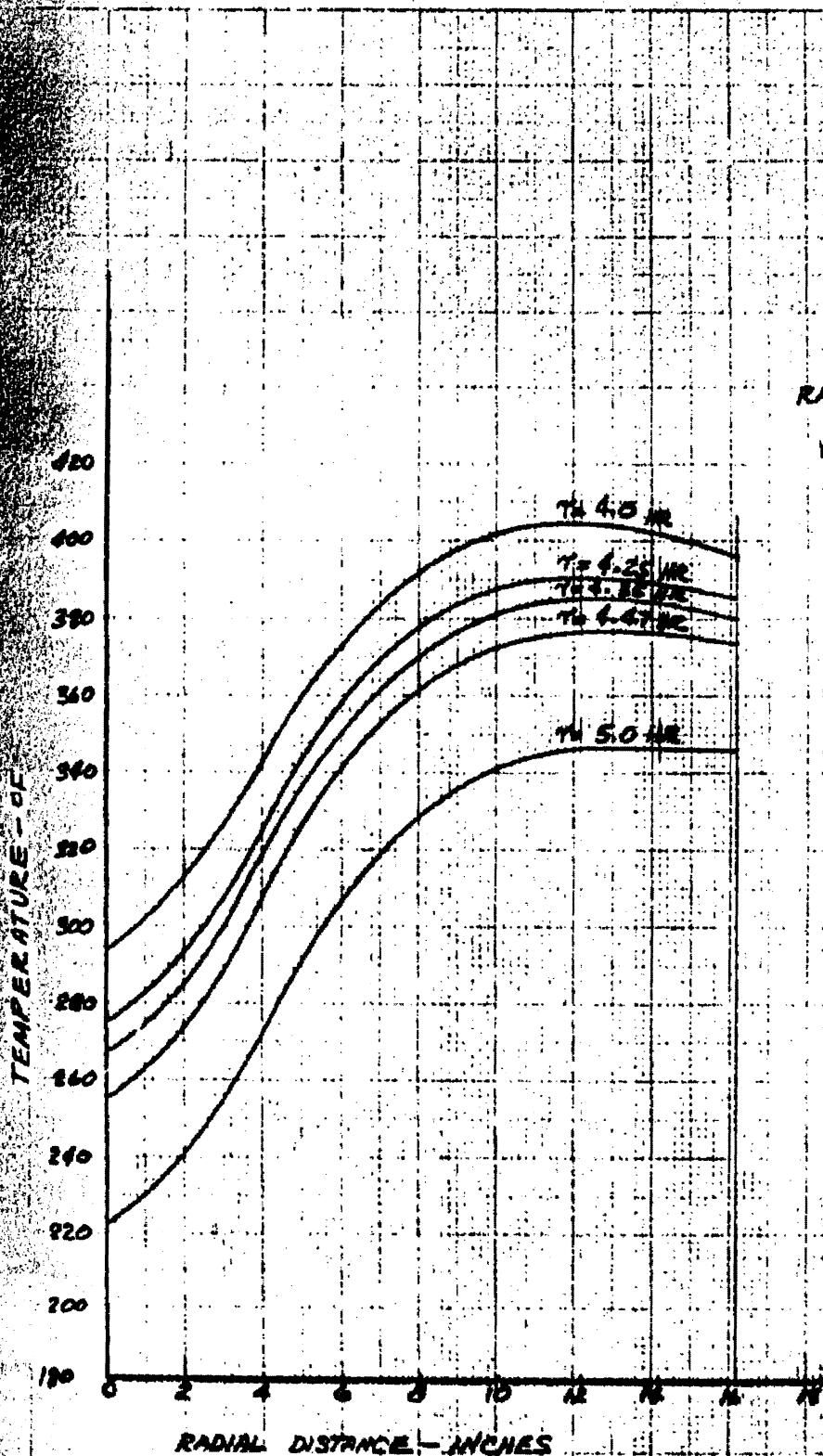


RADIAL GRADIENT
AT BOTTOM OF
HEAD FLANGE
1800°/HR COOLDOWN

FIGURE B-47

Submitted: December 27, 2011

B-70



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

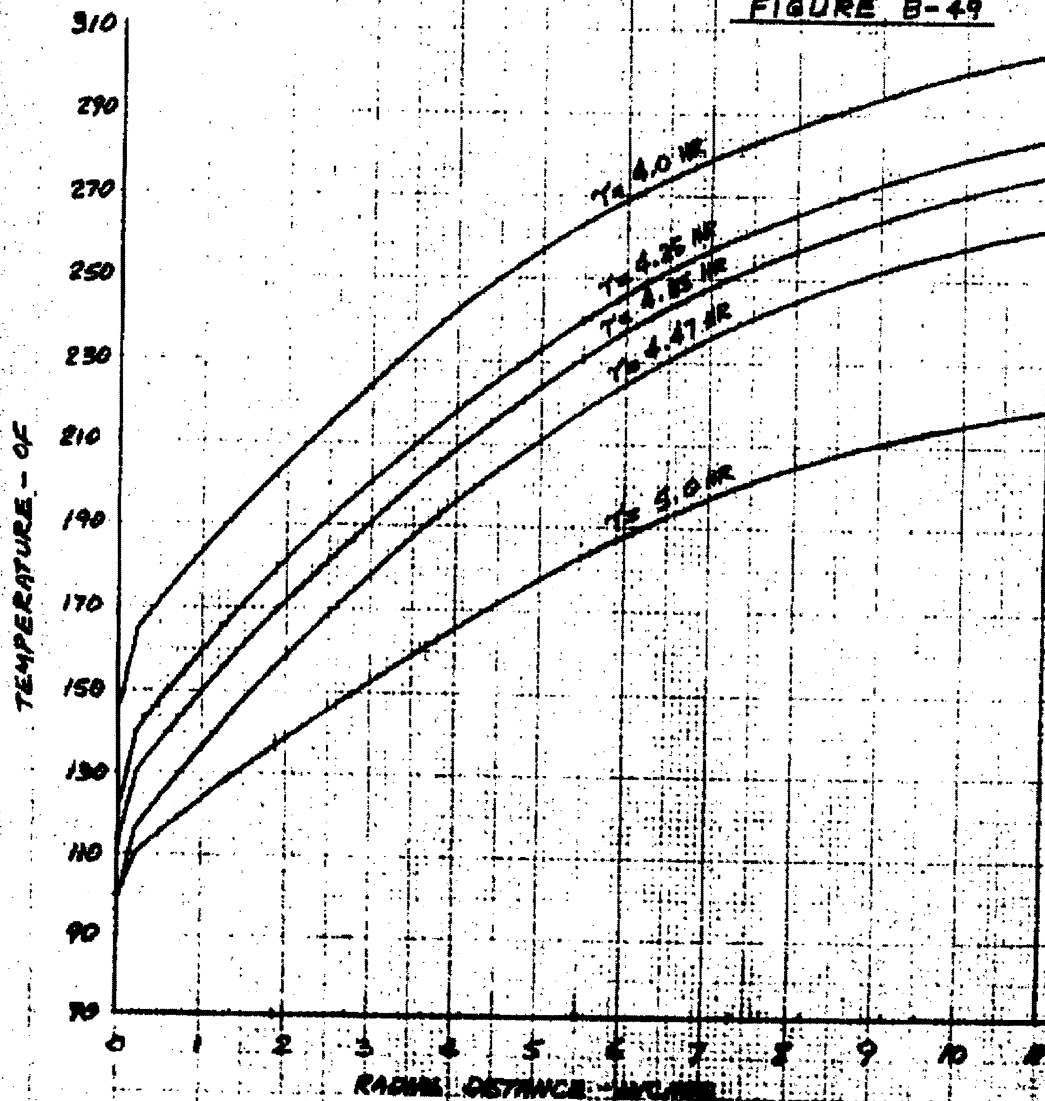
FIGURE B-48

Submitted: December 27, 2011

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RADIAL GRADIENT AT
VESSEL SHELL - FLANGE
JUNCTION
150 °F/hr COOLDOWN
FIGURE B-49



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ENGINEERING DEPARTMENT, CHATTANOOGA, TENN.

Submitted: December 27, 2011

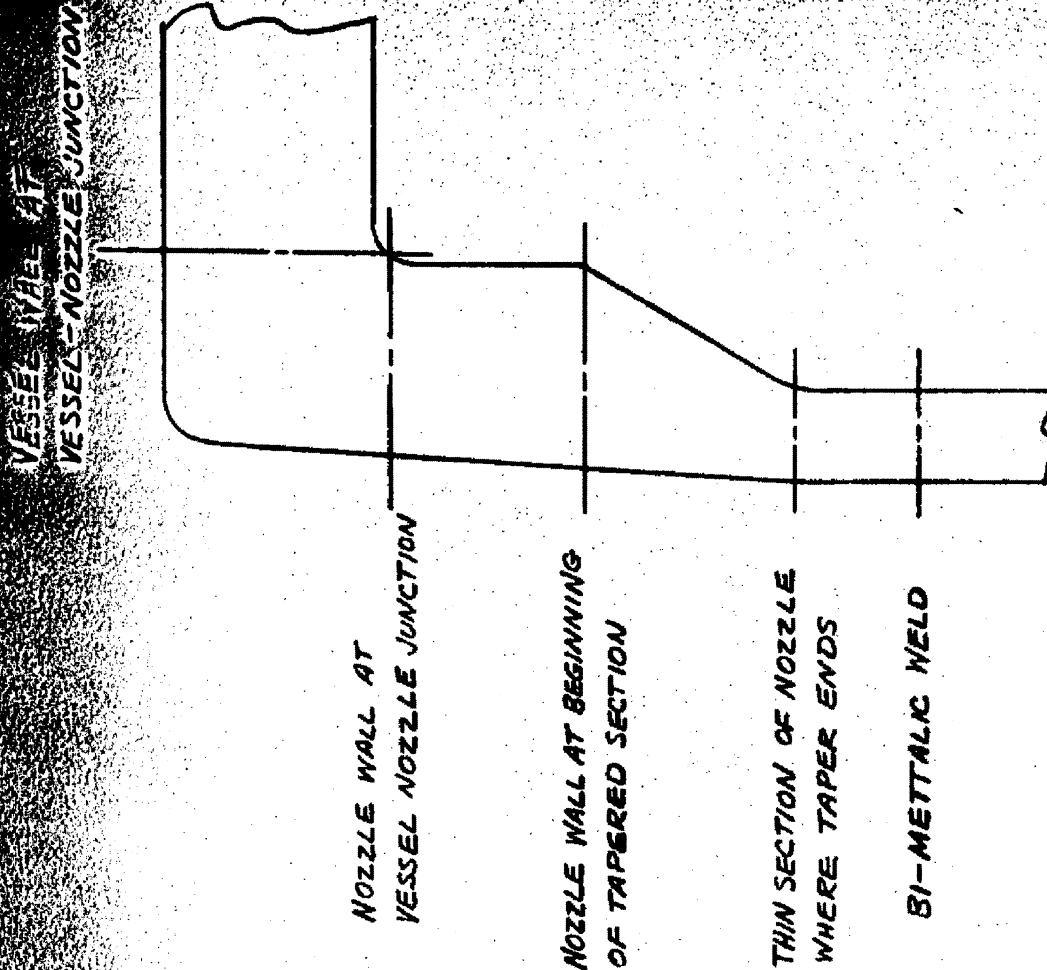
SHEET B-72 OF

DATE BY

CHECK DATE BY

CHARGE NO.

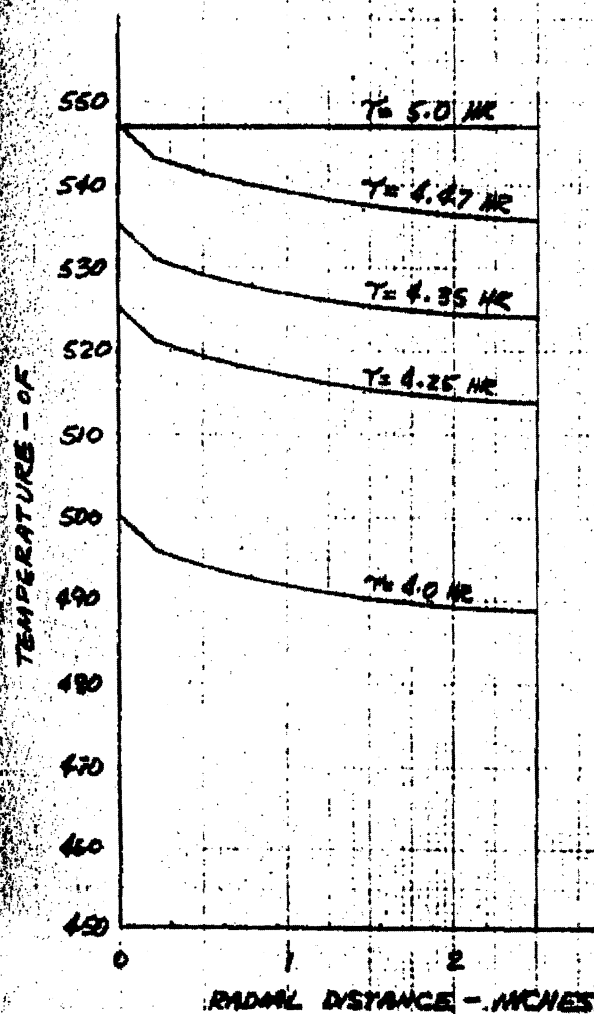
DESCRIPTION INLET NOZZLE



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

FIGURE B-50

B-73



RADIAL GRADIENT
THRU INLET NOZZLE
AT BI-METALLIC
WELD

100 °/HR HEATUP

FIGURE B-51