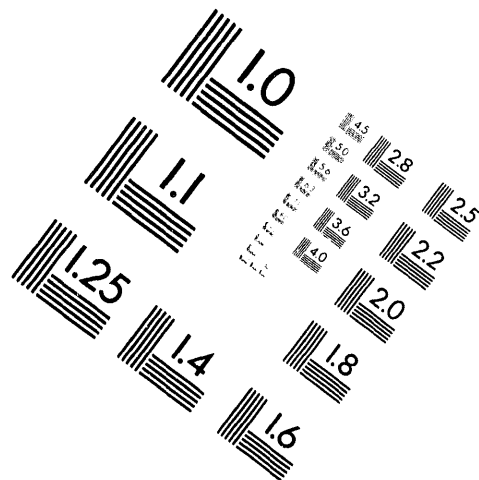
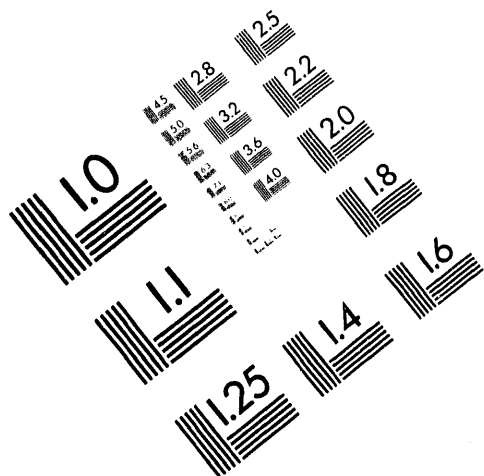




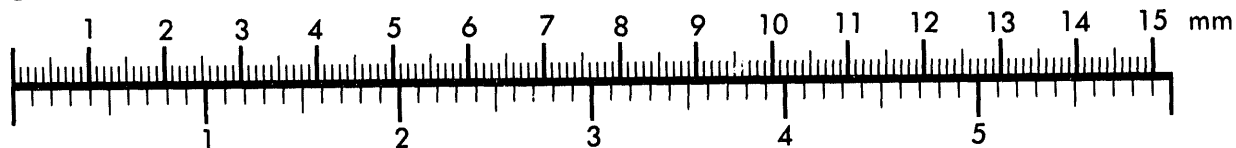
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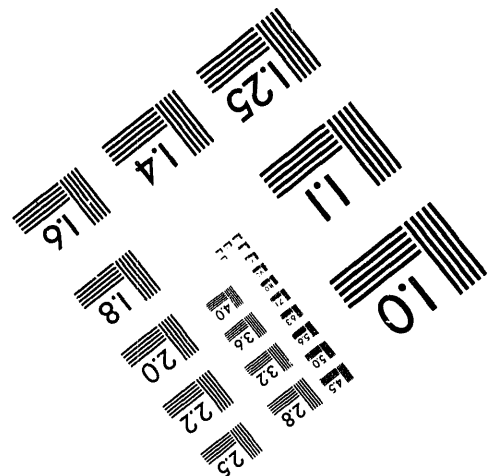
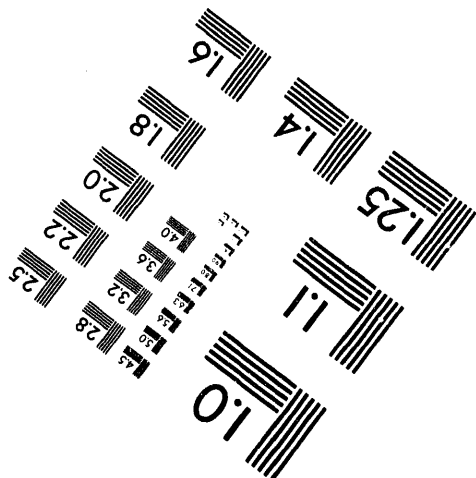
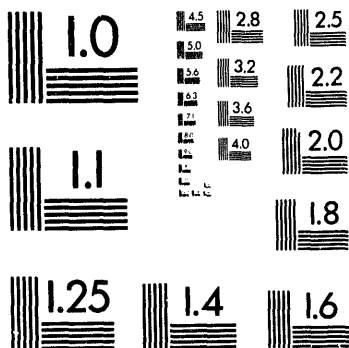
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Centimeter



Inches



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By Authority of DS Lewis,

CG-NMP-1, 5-3-64

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HORIZONTAL DISTORTION MEASUREMENTS, C REACTOR

A. E. DeMers

HANFORD ATOMIC PRODUCTS OPERATION
RICHLAND, WASHINGTON

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HORIZONTAL DISTORTION MEASUREMENTS, C REACTOR

| <u>Distance From Inlet Flange</u> | <u>Inches Deflection Tube 3459-1</u> | | <u>Inches Deflection Tube 3459-2</u> | | <u>Inches Deflection Tube 3289-1</u> | | <u>Inches Deflect Tube 3289-2</u> | |
|---------------------------------------|--|------|--|------|--|------|---------------------------------------|------|
| 1' | Left | .12 | Left | .13 | Left | .09 | Left | .11 |
| 2' | | .06 | | .07 | | .05 | | .05 |
| 3' | | .00 | | .00 | | .00 | | .00 |
| 4' | Right | .05 | Right | .05 | Right | .05 | Right | .06 |
| 5' | | .10 | | .10 | | .11 | | .13 |
| 6' | | .13 | | .13 | | .18 | | .20 |
| 7' | | .15 | | .17 | | .23 | | .27 |
| 8' | | .16 | | .17 | | .32 | | .34 |
| 9' | | .13 | | .15 | | .38 | | .43 |
| 10' | | .05 | | .07 | | .52 | | .56 |
| 11' | Left | .09 | Left | .06 | | .67 | | .74 |
| 12' | | .30 | | .26 | | .90 | | .94 |
| 13' | | .55 | | .51 | | 1.09 | | 1.16 |
| 14' | | .83 | | .80 | | 1.30 | | 1.34 |
| 15' | | 1.10 | | 1.06 | | 1.47 | | 1.54 |
| 16' | | 1.32 | | 1.27 | | 1.69 | | 1.73 |
| 17' | | 1.43 | | 1.38 | | 1.89 | | 1.96 |
| 18' | | 1.52 | | 1.47 | | 2.07 | | 2.12 |
| 19' | | 1.59 | | 1.54 | | 2.17 | | 2.24 |
| 20' | | 1.67 | | 1.62 | | 2.22 | | 2.28 |
| 21' | | 1.75 | | 1.70 | | 2.26 | | 2.33 |
| 22' | | 1.82 | | 1.77 | | 2.29 | | 2.37 |
| 23' | | 1.84 | | 1.79 | | 2.29 | | 2.35 |
| 24' | | 1.79 | | 1.74 | | 2.17 | | 2.26 |
| 25' | | 1.67 | | 1.62 | | 2.03 | | 2.10 |
| 26' | | 1.47 | | 1.42 | | 1.77 | | 1.86 |
| 27' | | 1.19 | | 1.14 | | 1.48 | | 1.54 |
| 28' | | .84 | | .80 | | 1.14 | | 1.23 |
| 29' | | .52 | | .48 | | .85 | | .92 |
| 30' | | .24 | | .20 | | .57 | | .67 |
| 31' | | .05 | | .01 | | .40 | | .46 |
| 32' | Right | .08 | Right | .11 | | .25 | | .34 |
| 33' | | .12 | | .16 | | .18 | | .23 |
| 34' | | .15 | | .17 | | .12 | | .18 |
| 35' | | .12 | | .14 | | .08 | | .12 |
| 36' | | .10 | | .11 | | .04 | | .07 |
| 37' | | .07 | | .08 | | .02 | | .03 |
| 38' | | .02 | | .04 | | .01 | | .02 |
| 39' | | .00 | | .00 | | .00 | | .00 |

Each tube was measured four times. The above data are the average of two runs.

These data were taken by W. E. Korpi and W. B. Olson on 2-16-65.

Q. E. NeMew
Irradiation Testing

**DATE
FILMED**

9/12/94

END

