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| TO: DL | | ORIG one signed | CC | OTHER | SENT AEC PDR | | XX |
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| CLASS | UNCLASS XXXXXXX | PROP INFO | INPUT | NO CYS REC'D 1 | DOCKET NO: 50-275 323 | | |
| DESCRIPTION: Ltr trans the following: SAME DIST AS PER MC# 616 PLANT NAME: Diablo Canyon 1 & 2 | | | | ENCLOSURES: Supplementary pages to the following report: "Westinghouse Protection Systems Noise Tests"by D N Katz, et al; Dec 74..... updating their 1-16-75 submittal..... (15 cys encl rec'd) | | | |

FOR ACTION/INFORMATION 4-10-75 ehf

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ASSISTANT GENERAL COUNSEL

April 7, 1975

NOEL KELLY
EDWARD J. MCGANNEY
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SENIOR COUNSEL

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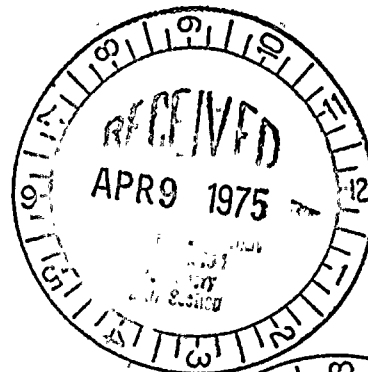
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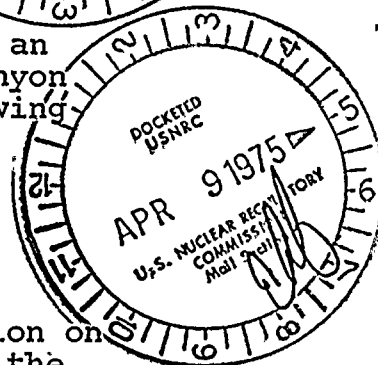
Re: Docket No. 50-275-OL
Docket No. 50-323-OL
Diablo Canyon Site
Units 1 and 2



Dear Sir:

Enclosed in support of our application for an operating license for Units 1 and 2 at the Diablo Canyon Site are 15 sets of supplementary pages to the following report:

"Westinghouse Protection Systems Noise Tests," by D. N. Katz, et al., December, 1974.



This report was submitted in support of our application on January 16, 1975, and is referenced in Section 7.2 of the Final Safety Analysis Report, as submitted in Amendment 24 to our application.

Kindly acknowledge receipt of the above material on the enclosed copy of this letter and return it to me in the enclosed addressed envelope.

Very truly yours,

Philip A. Crane, Jr.

Enclosures

CC w/enc.: All parties, Board members, James R. Tourtellotte, Angelo Giambusso, Nathaniel H. Goodrich, Alan S. Rosenthal, Secretary-Docketing and Service Section, James R. Yore

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February 20, 1975

TO: All Recipients of "Westinghouse Protection
Systems Noise Tests" Report

The attachments consist of information applicable to the subject report as described below:

Attachment A - Process Control System: Supplement 1

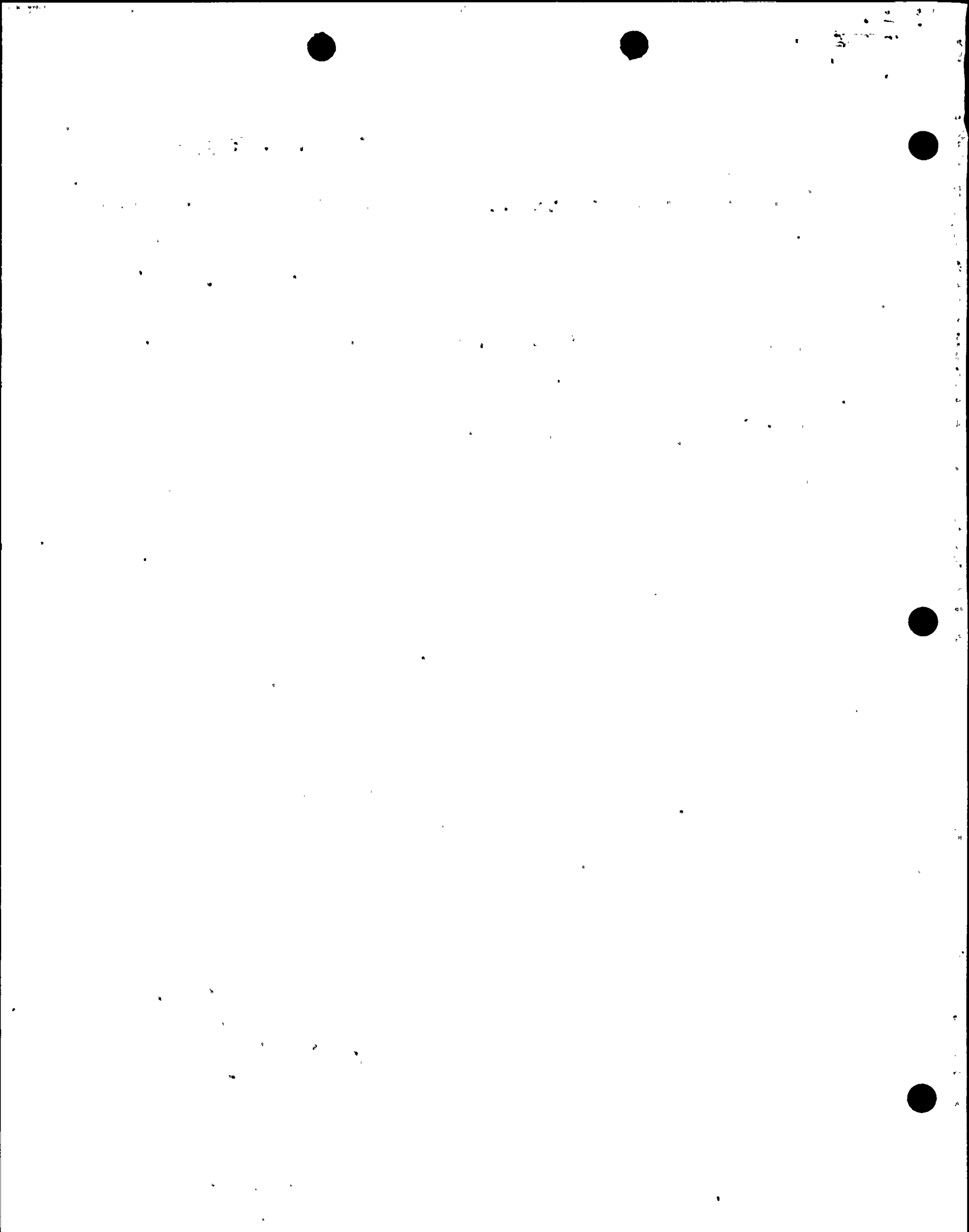
Attachment A consists of 3 data sheets, Test Procedures 1A1-1, 1A2-1, 1A3-1 identified as Section C - Supplement 1 (3 pages). This information is applicable to Section C of the report covering Process Control System tests. The data covers the tests which connected 460 VAC to isolator output wires. The test and pre-test conditions were identical to those of the 118 VAC and 250 VDC tests.

The data sheets should be inserted in the report following Appendix M of Section C. An appropriate notation on the title page and/or cover of the report should be made to indicate its update to "Supplement 1".

Attachment B - Process Control System: Photographs

Attachment B consists of 4 pages of photographs representative of the Process Control System test arrangements. The photos are referenced in the text of Section C but were omitted in the initial submittal.

Appendix E, page 1 of Section C with the notation "Photos Later" should be removed from the report and the 4 pages of photos inserted.



TEST PROCEDURE 1A1-1

TEST DESCRIPTION: 460 VAC Connected to isolator output wires (Line to Line)

- 1.1 All wiring is to be in the same position as described in steps 1A1.1 through 1A1.3.
- 1.2 Connect recorder to R1²TBE (8,10) [460 VAC] - Label Test - 1A1-1.
- 1.3 Connect 460 VAC to R1²TBE (8,10).
- 1.4 Repeat step 1A1.6.
Labels become 1PT.1 - 1A1-1 etc.
- 1.5 Repeat step 1A1.7.
Labels become 1PT.1-1A1-1R etc.

Verify at CB & R33
OK

Ramp @ 1 V/M
Start @ 4

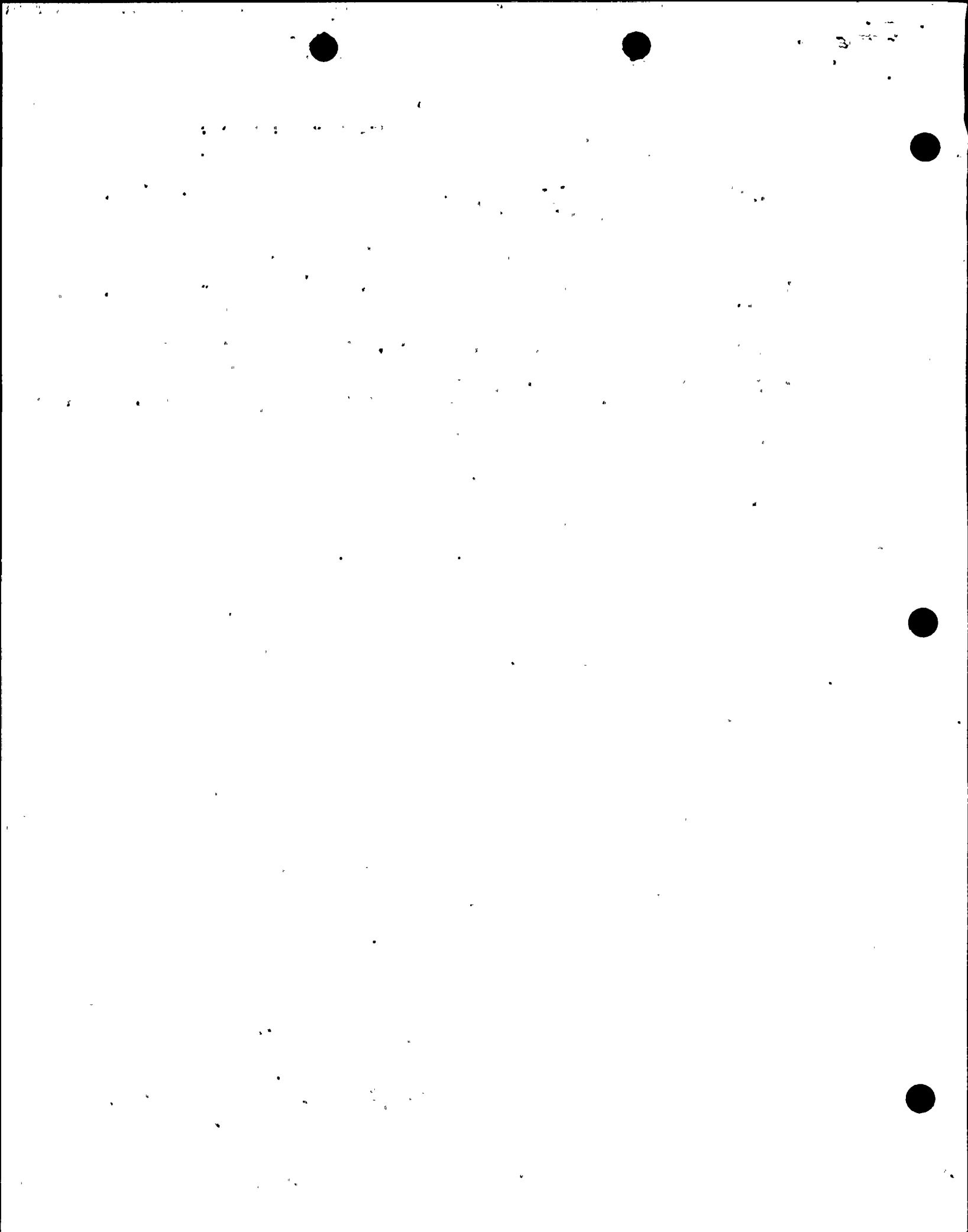
416 - 3.244 - 3.245

426 - 3.247 - 3.247

436 - 3.246 - 3.247

DATE 10/24/74

BY *P. R. Smith*



TEST PROCEDURE 1A2-1

TEST DESCRIPTION: 460 VAC connected to isolator output wires (line (+) to ground (shield))

- 1.1 All wiring is to be in the same position as described in steps 1A1.1 through 1A1.3.
- 1.2 Connect recorder to R1²TBE (8,11) [460 VAC] - Label Test-1A2-1.
- 1.3 Connect 460 VAC to R1²TBE (8,11).
CAUTION: Ensure that grounded side of 460 VAC is connected to terminal 11.
- 1.4 Repeat steps 1A1.6.
Labels become 1PT.1-1A2-1.
- 1.5 Repeat step 1A1.7.
Labels become 1PT.1-1A2-1R.

Verify at CB & R33 OK

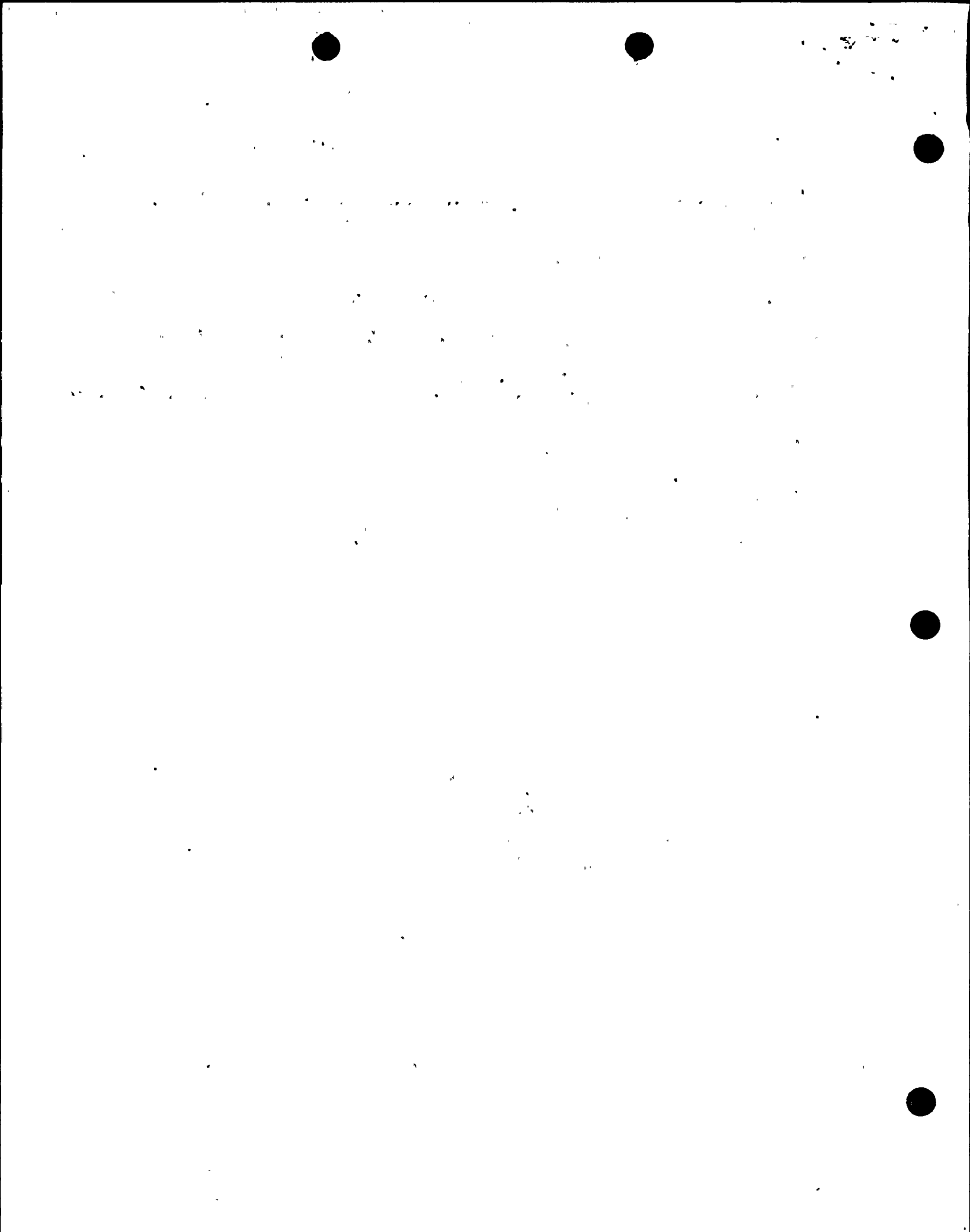
436 - 3.246 - 3.246

426 - 3.247 - 3.247

416 - 3.245 - 3.245

DATE 10-24-74

BY Wilbert Gray



TEST PROCEDURE 1A3-1

TEST DESCRIPTION: 460 VAC connected to isolator output wires (line (-) to ground (shield))

- 1.1 All wiring is to be in the same position as described in steps 1A2-1.1 -
- 1.2 Connect recorder to R1^Z-TBE (10,11) [460 VAC] - Label Test-1A3-1.
- 1.3 Connect 460 VAC to R1^Z-TBE (10,11).
CAUTION: Ensure that grounded side of 460 VAC is connected to terminal 11.
- 1.4 Repeat steps 1A1.6..
Labels become 1PT.1-1A3-1.
- 1.5 Repeat steps 1A1.7..
Labels become 1PT.1-1A3-1R.

Verify at CB & R33 OK

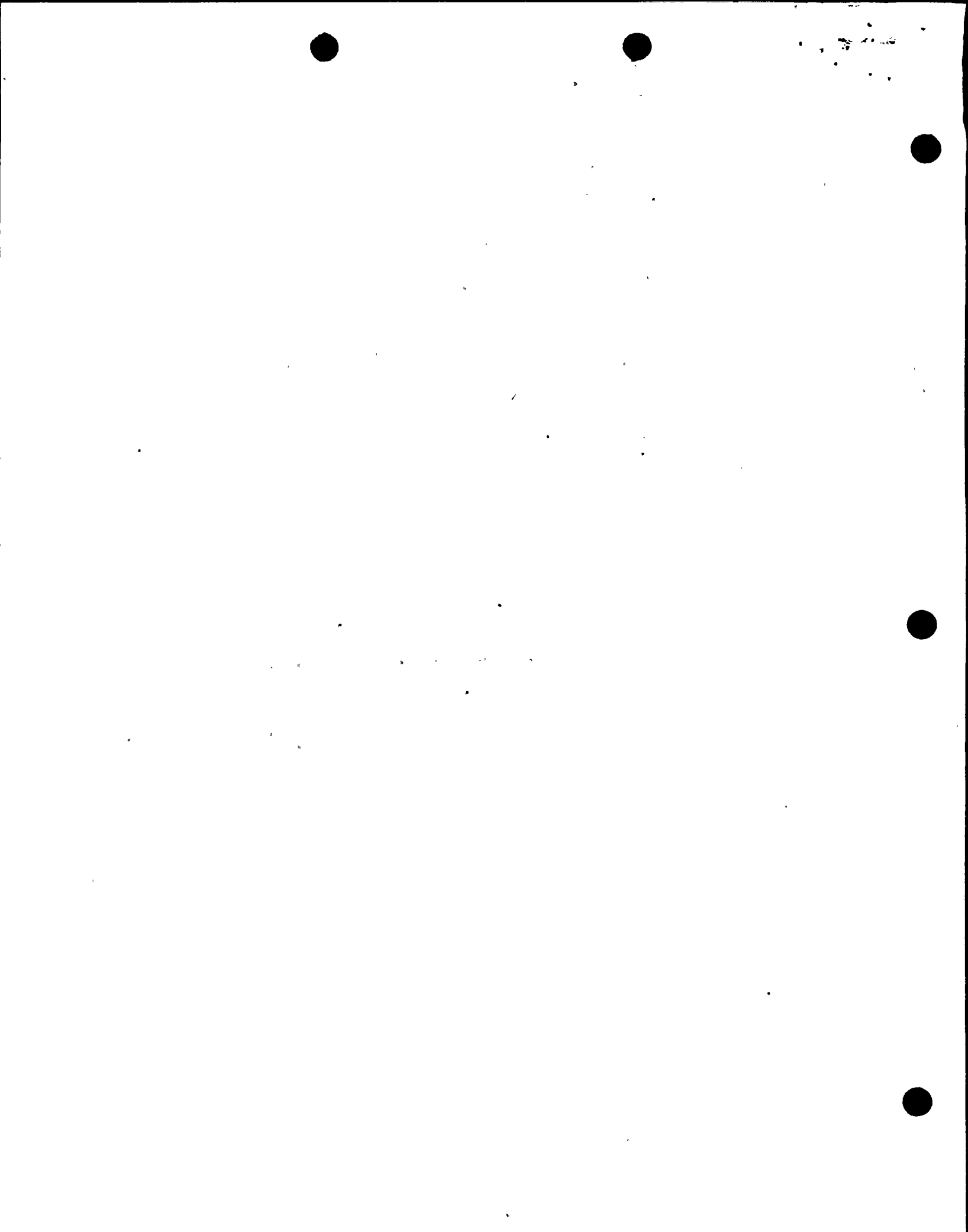
416 - 3.245 - 3.245

426 - 3.248 - 3.248

436 - 3.246 - 3.246

DATE 10-22-72

BY W. Shortman



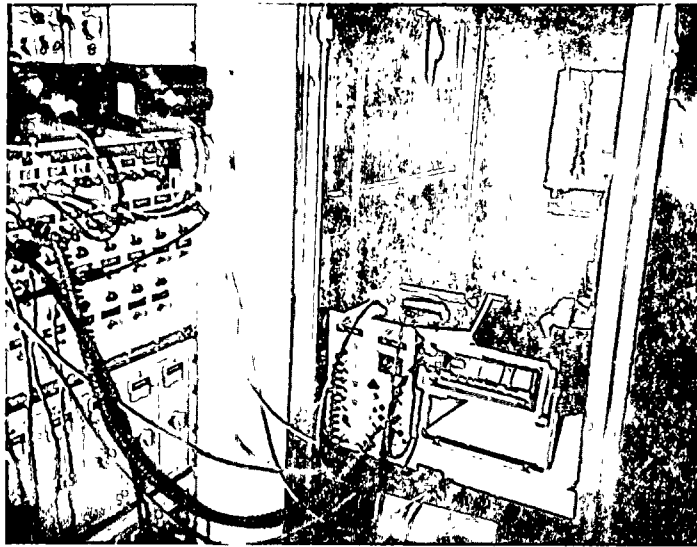


PHOTO #1
TEST SET-UP RACK #12
FRONT VIEW

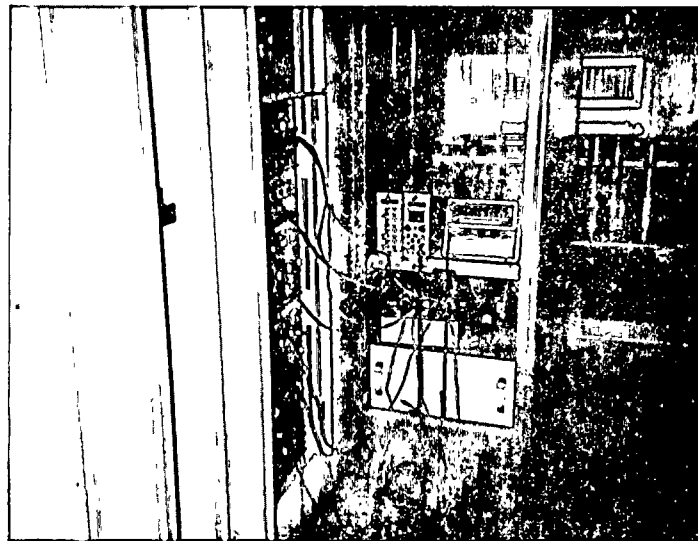
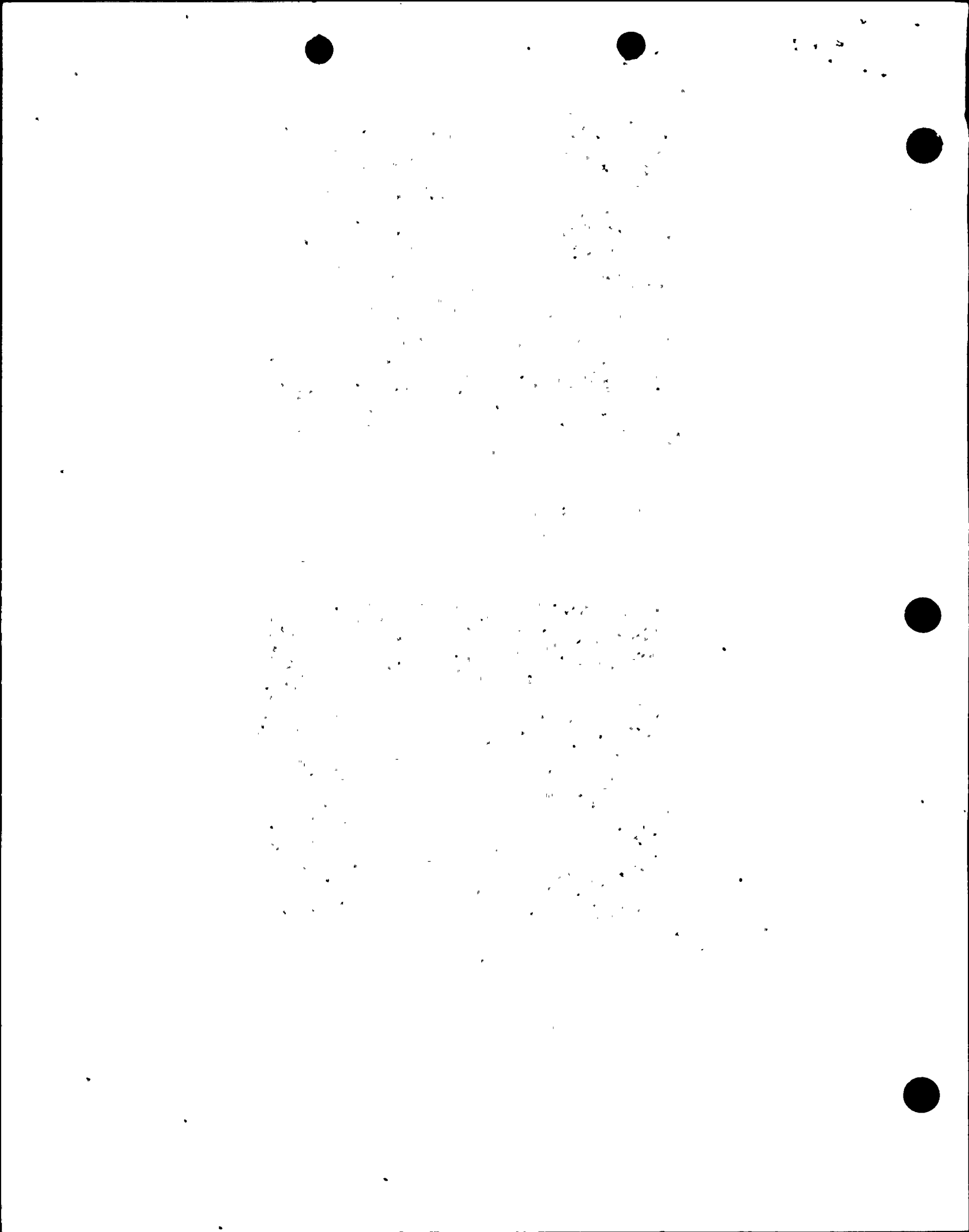


PHOTO #2
TEST SET-UP RACK #12
FRONT VIEW



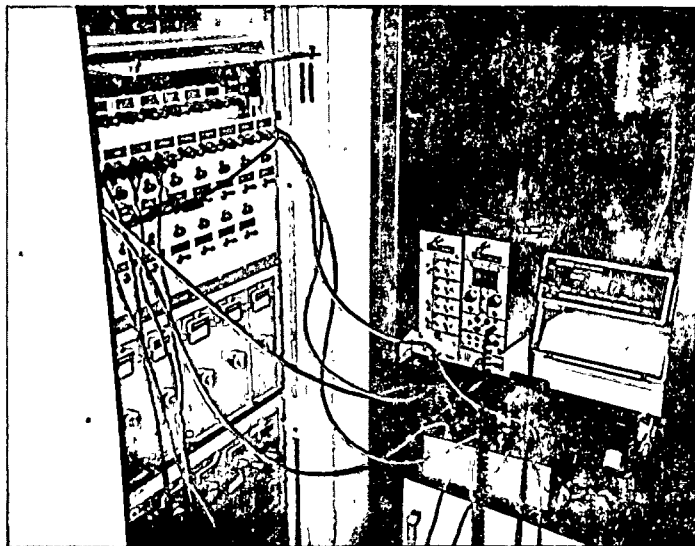


PHOTO #3
TEST SET-UP RACK #12
FRONT VIEW



PHOTO #4
TEST SET-UP RACK #12
REAR VIEW
BISTABLE MONITORING CONNECTIONS

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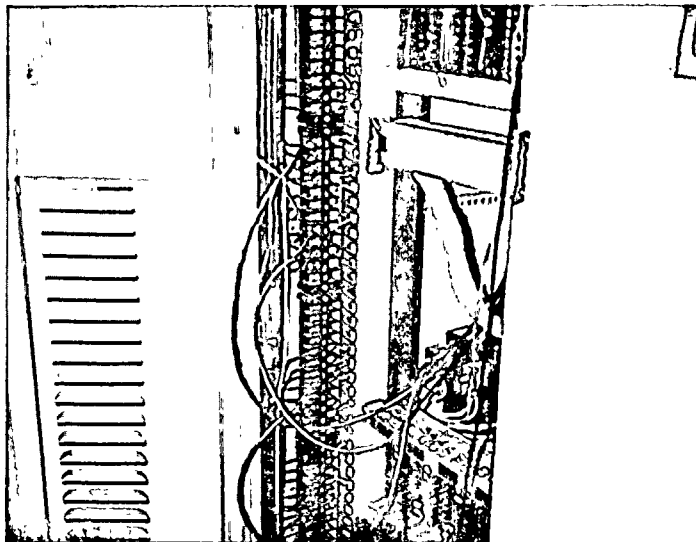


PHOTO #5
TEST SET-UP RACK #12
REAR VIEW
ISOLATOR MONITORING CONNECTIONS

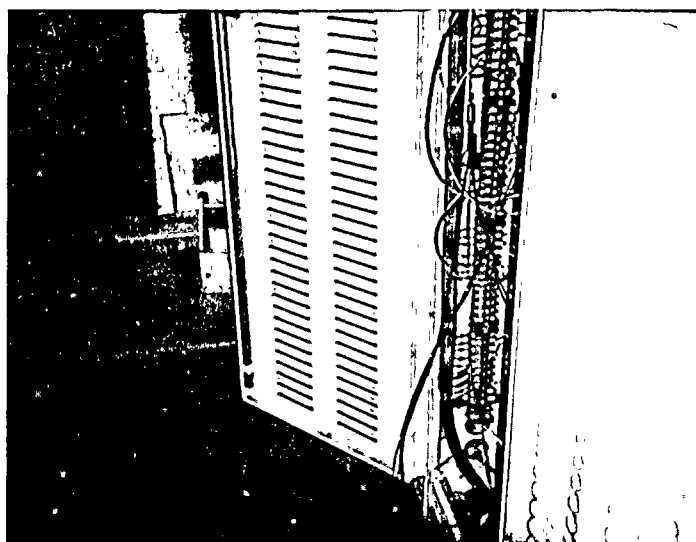
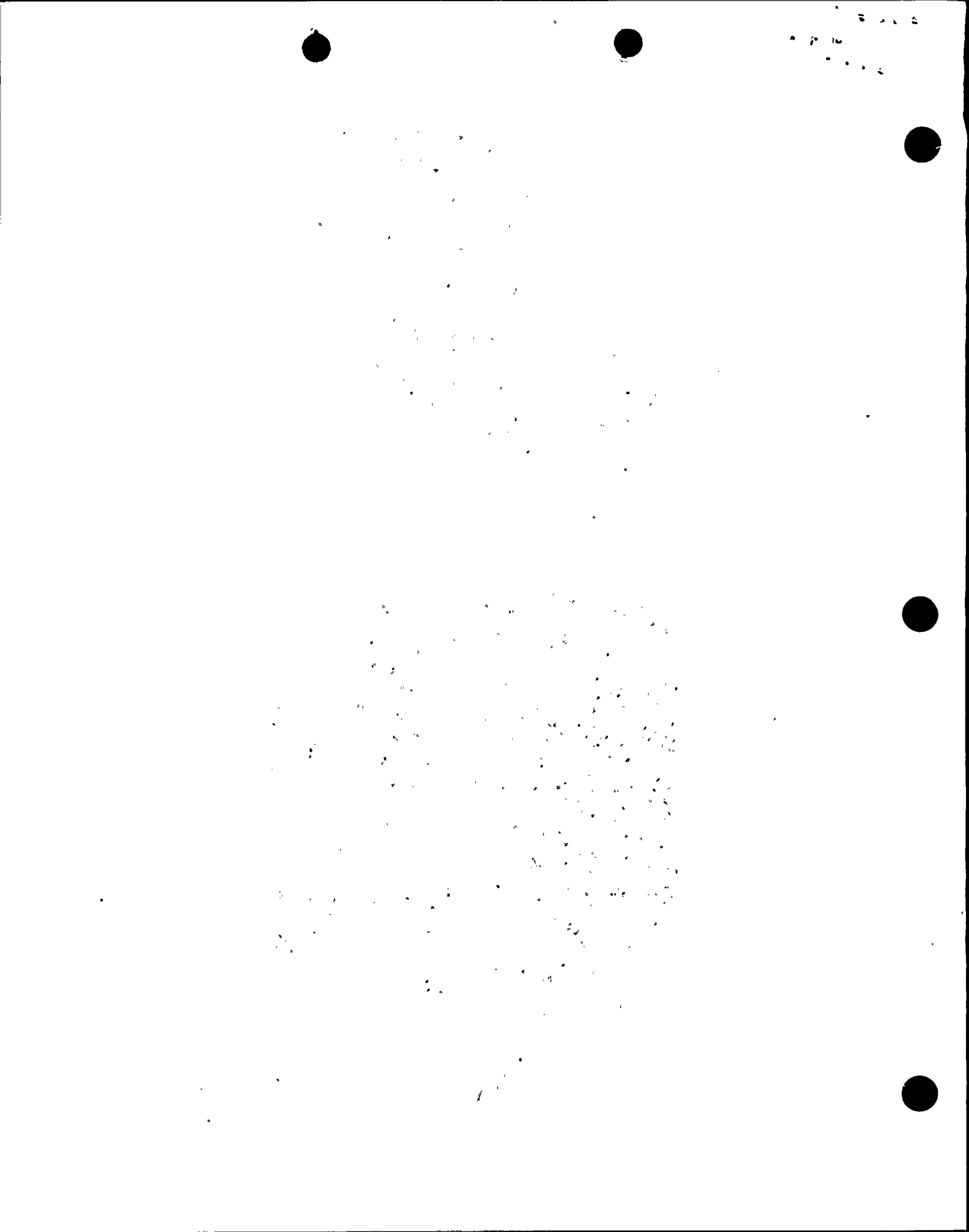


PHOTO #6
TEST SET-UP RACK #12
REAR VIEW
TEST CONNECTIONS



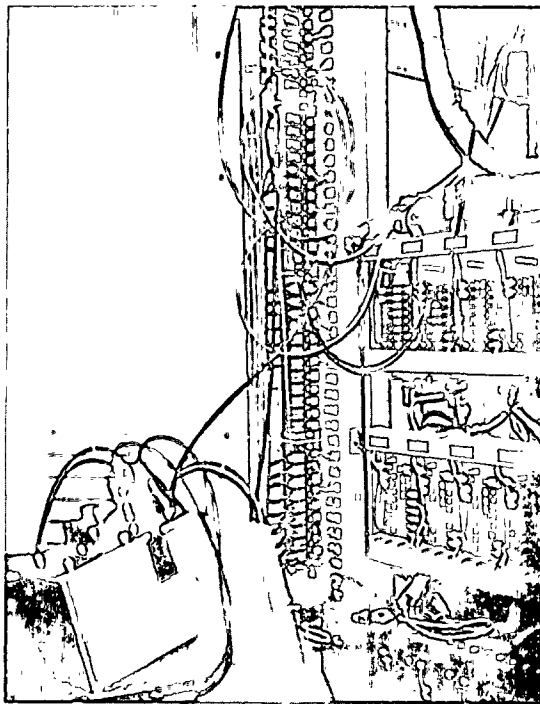


PHOTO #7
TEST SET-UP RACK #2
REAR VIEW
TEST VOLTAGE SWITCH CONNECTIONS

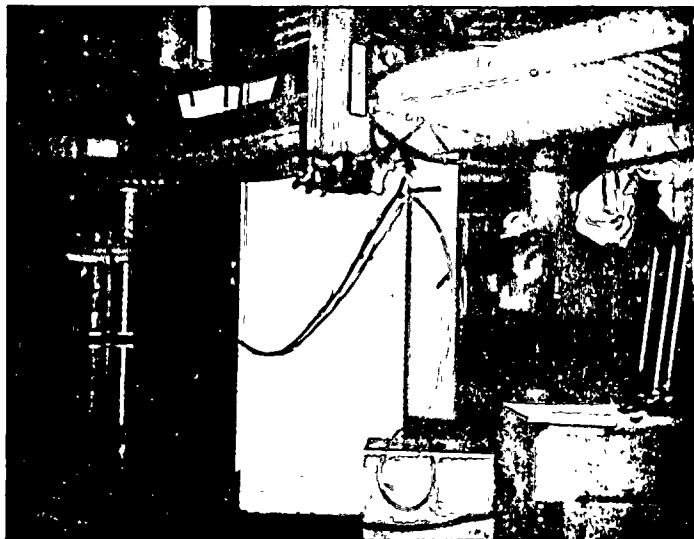


PHOTO #8
TEST SET-UP RACK #12
MIL-N-19900B TEST

