



- ANALOG OUTPUTS
- BA 1-10-3-11 SUBASSEMBLY D
  - BB 1-10-3-12 REACTOR PWR RANGE LVL SUPP PT 45
  - BC 1-10-3-9 SUBASSEMBLY D
  - BD 1-10-3-10 REACTOR SOURCE RANGE LVL SUPP PT 41
  - BE 1-10-3-7 SUBASSEMBLY D
  - 1-10-3-8 R.C. NARROW RANGE-PRESS SUPP PT 56
  - 1-10-2-11 SUBASSEMBLY D
  - 1-10-2-9 SUBASSEMBLY D
  - 1-10-2-10 REACTOR POWER RANGE LVL. TO ARTS.

7. 1-10-1-1 CB - CONNECTOR BOX  
 ↑ TERMINAL NO.  
 ↑ TERMINAL BLOCK NO.  
 ↑ ROW NO.  
 ↑ CABINET NO.
8. ALL WIRING ON THIS DRAWING MUST COMPLY WITH PHYSICAL ISOLATION REQUIREMENTS SECTION 1.2 OF 880 NUCLEAR INSTRUMENTATION WIRING REQUIREMENTS, WITH RESPECT TO IDENTICAL (FUNCTIONALLY) MEASUREMENT CHANNELS IN THE OTHER SUBASSEMBLIES.
9. SAFETY GROUND BUS BAR LOCATED ON LOWER RIGHT HAND MOUNTING RAILS.
10. USE TWISTED PAIR.

- NOTES:
- REFERENCE: 880 NUCLEAR INSTRUMENTATION WIRING REQUIREMENTS, DWG. A802230 SPECIAL PRECAUTIONS MUST BE TAKEN WITH ALL WIRING ON THIS DWG.
1. DETECTOR CABLE (DETECTOR ASSEMBLY TO THIMBLE EXIT).
  2. INTERFACE OF DETECTOR CABLE AND SYSTEM CABLE AT THE THIMBLE EXIT.
    - Ⓢ REACTOR BUILDING PENETRATIONS.
  4. DETECTOR SYSTEM CABLE. RG11/U TRIAXIAL OR EQUIVALENT.
  5. TWINAX CABLE RECOMMENDED.
  6. 4/C SHIELDED CABLE. GROUND SHIELD IN THIS CABINET.

| NO. | DATE    | REVISIONS  | BY  | CHK | ENGR. | DRW. SUPV. | REV. SUPV. |
|-----|---------|--|-----|-----|-------|------------|------------|
| 1   | 5/19/67 | INC. DUN 14-0644-001-076 REV. 0  | SBW |     |       |            |            |
| 2   | 5/19/67 | INC. DCN M-536-17-4 PER ECR 06-0071 (CR 06-01112) & GEN. UPDATE REVISE "RG1 1/U" IN NOTE 4 TO "RG11/U" PER REVIEW OF ASSOC. DWG. (M-536-12, 14, & 15 & ENG. CONCURRENCE. (REDRAWN) |     |     |       |            |            |

**THE TOLEDO EDISON CO.**  
 TOLEDO, OHIO  
 POWER ENGINEERING

**EXTERNAL CONNECTION DIAGRAM**  
**SUBASSEMBLY D CABINET 1**  
**NUCLEAR INSTRUMENTATION AND PROTECTION SYSTEM**  
**DAVIS-BESSE NUCLEAR POWER STATION-UNIT 1**

DESIGNED BY: *[Signature]* DATE: \_\_\_\_\_  
 DRAWN BY: *[Signature]* JOB ORDER: \_\_\_\_\_  
 CHECKED BY: *[Signature]* SCALE: \_\_\_\_\_

DWG. NO. **26236** REV. **T2**

7749-M-536-17-X-X-X-12

BADCOCK & WILCOX DWG NO. **02 1060154 D 00**

THIS DRAWING PREPARED BY BADCOCK & WILCOX UNDER TASK AGREEMENT **74 ON MSC 382-7181**

REFERENCE DWG. **D8047545 D**

7749-M-536-17-5

REFERENCES **880-102 & 1103 880-1110 & 1113**

FC 32C 880/CONTROL THERMOM 5-26-66 26-2-P

THIS DWG. WAS REDRAWN/SCANNED ON CADD AND SUPERSEDES SUBMITTAL 10.

| DATE     | BY  | CHK | APPR | REVISION |
|----------|-----|-----|------|----------|
| 12/27/67 | PSB |     |      | 1        |
| 1/11/68  | PSB |     |      | 2        |
| 1/11/68  | PSB |     |      | 3        |
| 1/11/68  | PSB |     |      | 4        |
| 1/11/68  | PSB |     |      | 5        |
| 1/11/68  | PSB |     |      | 6        |
| 1/11/68  | PSB |     |      | 7        |
| 1/11/68  | PSB |     |      | 8        |
| 1/11/68  | PSB |     |      | 9        |
| 1/11/68  | PSB |     |      | 10       |