



- 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.

- 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 REACTOR BUILDING PENETRATIONS.
  3. DETECTOR SYSTEM CABLE. RG11/U TRIAXIAL OR EQUIVALENT.
  4. DETECTOR SYSTEM CABLE. RG11/U TRIAXIAL OR EQUIVALENT.
  5. TWINAX CABLE RECOMMENDED.
  6. 4/C SHIELDED CABLE. GROUND SHIELD IN THIS CABINET.
  7. SAFETY GROUND BUS BAR LOCATED ON LOWER RIGHT HAND MOUNTING RAILS.
  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.

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)	SBW				

**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: *[Date]*  
 DRAWN BY: *[Signature]* JOB ORDER: *[Number]*  
 CHECKED BY: *[Signature]* SCALE: *[Scale]* NET TO 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. **080475450**

7749-M-536-17-5

REFERENCES **880-102 & 103 880-110 & 113**

**FC 32C 880/CONTROL THEORY 5-26-66 26-9-P**

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

DATE	BY	CHK	APPR	REVISION
12/21/67	SBW			1. REVISED FOR CADD
12/21/67	SBW			2. REVISED FOR CADD
12/21/67	SBW			3. REVISED FOR CADD
12/21/67	SBW			4. REVISED FOR CADD
12/21/67	SBW			5. REVISED FOR CADD