



**NOTES:**  
 1. Cable sizes and types shall be as shown on cable list.  
 2. All conductors to be rigid steel conduit unless otherwise noted.  
 3. All connections to valves and to instruments are to have a minimum of 6" steel of the valve or instrument to allow for expansion.  
 4. All electrical safeguard circuits are to run in a battery or conduit.  
 5. No cable will be supported for over 40'.  
 6. All instruments are to be mounted on wall to be spaced a minimum of 4" off the wall to permit drainage.  
 7. Find all trays to be used unless otherwise noted.  
 8. Run to install 3/4" Electrical and Conduit as needed.

**SYMBOLS:**  
 — Electrical  
 — Conduit  
 — Field design & fabrication

**REFERENCE DRAWINGS:**  
 EIM 02930 Bill of Materials  
 02930 Turbine Building Electrical Equipment Layout, Below EL 822'0" Cols 42 to 50 & 60 to 66  
 02930 Turbine Building Electrical Equipment Layout, Sections and Details  
 02930 Turbine Building Cols 42 to 50 & 60 to 66 Computer Cable Routing  
 02930 Turbine Building Cols 42 to 50 & 60 to 66 Computer Cable Routing  
 02930 Turbine Building Cols 42 to 50 & 60 to 66 Computer Cable Routing  
 02930 Turbine Building Below Operating Floor, Cable Tray Hanger Details  
 02930 Turbine Building Grounding/Earthing

TERA APERTURE CARD  
 REGULATORY DOCKET FILE COPY

NUCLEAR SAFETY RELATED

DUKE POWER COMPANY		CONCESSION NUCLEAR STATION UNIT-3	
ELECTRICAL EQUIPMENT LAYOUT			
TURBINE BUILDING BELOW EL. 822'0"			
COLUMN LINE 42 TO 50: G TO N			
NO.	REVISIONS	CHK.	DATE
1	Issue for Review	JAC	11/14/77
2	Issue for Construction	JAC	11/14/77
3	Issue for Construction	JAC	11/14/77
4	Issue for Construction	JAC	11/14/77
5	Issue for Construction	JAC	11/14/77
6	Issue for Construction	JAC	11/14/77
7	Issue for Construction	JAC	11/14/77
8	Issue for Construction	JAC	11/14/77
9	Issue for Construction	JAC	11/14/77
10	Issue for Construction	JAC	11/14/77
11	Issue for Construction	JAC	11/14/77
12	Issue for Construction	JAC	11/14/77
13	Issue for Construction	JAC	11/14/77
14	Issue for Construction	JAC	11/14/77
15	Issue for Construction	JAC	11/14/77
16	Issue for Construction	JAC	11/14/77
17	Issue for Construction	JAC	11/14/77
18	Issue for Construction	JAC	11/14/77
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99	Issue for Construction	JAC	11/14/77
100	Issue for Construction	JAC	11/14/77

17"  
 11"  
 8.5"  
 11"  
 8.5"  
 17"



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