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I certify that the image contained on this frame was made in the normal and regular course of business, on the date stated below and that it is an accurate reproduction of the document submitted to reprographics.

IX CLASS 1E CONDUIT SUPPORTS SPECIFICATION AND INSTALLATION NOTES

1. General
 - a. For general notes see drawing E-706.
 - b. Only installation of supports for Class 1E channels are Q list items. No QC inspection is required for Class 1E supports installed for non Class 1E Channel.
 - c. Scheduled conduits installed as chase nipples at terminal junction boxes or electrical equipment. Will not require support - provided they do not exceed 3" beyond the surface of the equipment.
2. Materials
 - a. Strut channels and accessories for conduit supports shall be in accordance with Specification F-52 (Q). Materials are shown and noted on the drawings as either "Unistrut" or "Power Strut," but parts with equal properties may be interchanged with one another.

Materials prefixed with "P" are manufactured by "Unistrut".
Materials prefixed with "PS" are manufactured by "Power Strut".
 - b. All Unistrut and Power Strut bolts shall be 1/2 diameter, unless noted otherwise, installed per civil Specification C-304 (Q) using the following torque value, 1/2" bolts 50lbs-ft. min.
 - c. All additional bolts as noted on the drawings shall conform to the criteria as shown on Page 100A Note B.
 - d. 1/2" Unistrut lock washers (Part Number HL1CM050EG) may be used at the field's option.
 - e. Framing materials and miscellaneous shall conform to the criteria as shown on Page 100A Note B and C.
 - f. Unistrut straps shown on supports shall be standard pipe straps (Part Nos P2558-7 through P2558-60) or equal. All bolts shall be ASTM A307-76 with a minimum strength of 33 ksi of slotted hexhead machine screws rated to ANSI B18.63-72 for conduit diameter 1 1/2" and less, use 1/4" ϕ bolts. For conduit diameters 2" through 6" use 3/8" ϕ bolts. Nuts for P1000 series members shall be P1006-1420 for 1/4" bolts and P1008 for 3/8" bolts. Nuts for P3300 series members shall be P4006-1420 for 1/4" bolts and P4008 for 3/8" bolts. (Cont. on Sh 300A)

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|--|------------------------------------|-----------|-----|--------------|-------|-------------------|-------|-------|-------|
| 6-1-01 | RETYPE & REVISED IN ACC. TO E-5857 | SJD | AT | SPS | NA | UNCL | UNCL | UNCL | UNCL |
| 11-3-76 | RETYPE FOR CONDUIT WAS SH 150 | SP | JJD | VLD | TEC | RES | RES | RES | RES |
| No. | DATE | REVISIONS | BY | CHK'D | GROUP | GROUP | GROUP | GROUP | GROUP |
| SCALE | | DESIGNED | | DRAWN | | | | | |
| ORIGIN | | | | JOB No. 7220 | | DRAWING No. | | | |
| MID-CARD PLANT UNITS 1 AND 2 CONSUMERS POWER COMPANY CONDUIT AND TRAY NOTES, SYMBOLS, AND DETAILS | | | | | | E-42 (C) SET. 300 | | | |
| | | | | | | REV. 4 | | | |

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