

5.0 SEPARATION (CONT'D)

5.05 GENERAL PLANT AREAS - CONDUITS, BOXES AND CABLE TRAYS.

IN PLANT AREAS FROM WHICH POTENTIAL HAZARDS, SUCH AS MISSILES, EXTERNAL FIRES, PIPE WHIP & JET IMPINGEMENT ARE EXCLUDED, THE MINIMUM CLEAR SPACE SEPARATION DISTANCES BETWEEN DIVISIONS OF CONDUIT AND CONDUIT/CABLE TRAY ARE AS SHOWN BELOW. FOR BOX SEPARATION PURPOSES, BOXES SHALL BE CONSIDERED AS PART OF THE CONDUIT SYSTEM AND SHALL FOLLOW THE CONDUIT SEPARATION REQUIREMENTS FOR CONDUIT AND CONDUIT/CABLE TRAY AS FOLLOWS:

A HORIZONTAL SEPARATION OF CONDUITS & CONDUIT/TRAYS

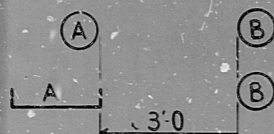


FIGURE 1

HORIZONTAL SEPARATION BETWEEN:

- (1) SAFETY CONDUIT DIVISIONS
- (2) SAFETY CONDUIT DIVISION AND SAFETY TRAY DIVISION
- (3) SAFETY CONDUIT DIVISION AND NONSAFETY (4KV & ABOVE) CONDUIT OR TRAY DIVISIONS
- (4) NONSAFETY (4KV & ABOVE) CONDUIT DIVISION AND SAFETY TRAY OR CONDUIT DIVISIONS.

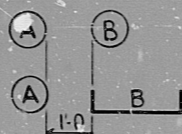


FIGURE 2

HORIZONTAL SEPARATION BETWEEN:

- (1) SAFETY CONDUIT DIVISION AND NONSAFETY (600V & BELOW) CONDUIT OR TRAY DIVISION.
- (2) NONSAFETY (600V & BELOW) CONDUIT DIVISION AND SAFETY CONDUIT OR TRAY DIVISION.

B VERTICAL SEPARATION OF CONDUITS & CONDUIT/TRAYS



FIGURE 3

VERTICAL SEPARATION BETWEEN SAFETY CONDUIT DIVISIONS AND BETWEEN SAFETY AND NONSAFETY (4KV & ABOVE) CONDUIT DIVISIONS.

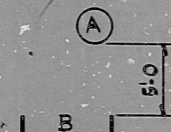


FIGURE 4

VERTICAL SEPARATION BETWEEN:

- (1) SAFETY CONDUIT DIVISION AND SAFETY TRAY DIVISION
- (2) SAFETY CONDUIT DIVISIONS AND ALL NON SAFETY TRAY DIVISIONS
- (3) NONSAFETY (4KV & ABOVE) CONDUIT DIVISION AND SAFETY TRAY DIVISIONS.

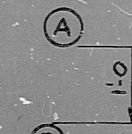


FIGURE 5

VERTICAL SEPARATION BETWEEN:

- (1) NON SAFETY (600V & BELOW) CONDUIT DIVISION AND SAFETY CONDUIT OR TRAY DIVISION.

PRC APERTURE CARD

DCN-ED-76
PCP-35Q-3342
INCORPORATED IN REV. 1

REV	DATE	BY	APPROVED
1	5-7-82	S.P.	[Signature]

EBASCO SERVICES INCORPORATED	
DIV. ELEC. OR E.M.	APPROVED
CH. E. SENKUS	[Signature]
DATE APR 10, 1979	[Signature]

NUCLEAR SAFETY RELATED		WPPSS QUALITY CLASS I, II & G	
WASHINGTON PUBLIC POWER SUPPLY SYSTEM		WPPS-3240	
NUCLEAR PROJECTS NO. 3 & 5		D-5025	
GENERAL NOTES, SYMBOLS AND REFERENCE DRAWINGS		SHEET 8A	

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RWDs

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