

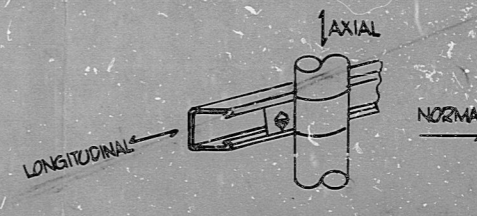
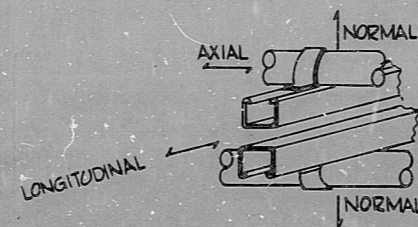
3.05 CRITERIA FOR ESTABLISHING SPACING & LOADS FOR SEISMIC
CONDUIT SUPPORTS

- A. FOR CONDUIT SUPPORTS IN EITHER HORIZONTAL OR VERTICAL RUNS, THE SPACING SHALL BE OBTAINED FROM SHEET 55-3
- B. ALLOWABLE STRAP LOADS SHOWN FOR DIFFERENT STRAP TYPES ARE TO BE USED IN QUALIFYING EQUIVALENT STRAPS OR CLAMPS.
- C. FOR MULTIPLE CONDUIT RUNS ADD THE INDIVIDUAL REACTIONS SHOWN ON SHEET 55-3 TO FIND TOTAL LOAD ON A SUPPORT. MULTIPLE CONDUIT RUN SPANS SHALL BE BASED ON THE MINIMUM SPAN CORRESPONDING TO ANY CONDUIT IN THE BANK, AS SHOWN ON SH. 55-3
- D. DRILLED IN EXPANSION TYPE ANCHOR PLATES MAY BE USED IN LIEU OF EMBEDDED PLATES AS REQUIRED. INSTALLATION OF EXPANSION ANCHORS SHALL BE PER EBASCO SPECIFICATION WPPS-3240-467. IF THE SHOWN PLATE TYPE IS NOT AVAILABLE, AN ALTERNATE PLATE TYPE WITH HIGHER CAPACITY MAY BE USED. SEE SHEET 55-16 FOR PLATE CAPACITY SEQUENCE. INSTALLATION CONTRACTOR SHALL MAINTAIN AS BUILT RECORD OF LOCATION & TYPE OF ANCHOR PLATES INSTALLED.

MAX LOADS FOR BOLTED CONDUIT STRAPS (LBS) SAFETY FACTOR = 3

STRAPS IN ACCORDANCE WITH SPEC. 3240-511 ATTACHMENT #7

CONDUIT SIZE	STRAP TYPE FIG 3 OR 4 (B-LINE OR ENGINEER APPROVED EQUAL)	LONGITUDINAL	NORMAL	AXIAL	BOLT * TORQUE (FT. LBS)
3/4"	B-2100-1	250	1000	250	6
1"	B-2100-2	250	1000	250	6
1 1/2"	B-2100-4	250	1000	250	6
2"	B-2100-5	300	2000	500	19
3"	B-2100-7	800	2000	500	19
4"	B-2100-9	1000	2500	750	45
5"	B-2100-10	1000	2500	750	45
6"	B-2100-11	1000	2500	750	45



PRC APERTURE CARD

THIS SHEET IS FOR SEISMIC APPLICATIONS IN RAB AND FHB ONLY.

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3	7-21-81	S.P.	[Signature]
2	2-17-81	A.S.	[Signature]
1	8-22-80	EM	[Signature]
REV.	DATE	BY	APPROVED

EBASCO SERVICES INCORPORATED
DIV. ELEC. DR. FDB
CH. F.D. BEANE
DATE APR. 10 1979
LM [Signature]

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NUCLEAR PROJECTS NO. 3 & 5
GENERAL NOTES, SYMBOLS AND REFERENCE DRAWINGS

WPPS-3240
D-5023
SHEET 55-1

NUCLEAR SAFETY RELATED WPPSS QUALITY CLASS I II 80

