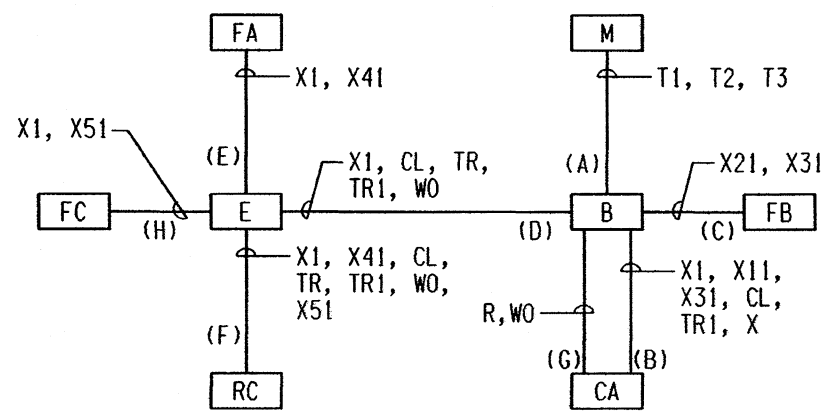



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The diagrams show three separate electrical control circuits, each with a stop button (SW. STRNR. DRN. VLV. (SEE SH.8)) and a start button (42Xb).

- Diagram 1 (Left):** The stop button is connected to terminal 13 (CA) and the start button is connected to terminal 15 (CA). The circuit is controlled by a TDR relay (terminals 6 and 4).
- Diagram 2 (Middle):** The stop button is connected to terminal RC and the start button is connected to terminal RC. The circuit is controlled by an HPR relay (terminals 1 and 6).
- Diagram 3 (Right):** The stop button is connected to terminal 22 (B) and the start button is connected to terminal 23 (B). The circuit is controlled by a 42Xb relay.

1. FOR GENERAL NOTES SEE DWG. E-48B INDEX SHEET.
2. TDR CHANGES CONTACT POSITION ON HIGH DIFF. PRESS. ACROSS STRAINER ON "AUTO", RESETS AT NORMAL DIFF. PRESS.; PSH CONTACT OPENS ON DECREASING PRESS. AT STRAINER. PSHA CLOSSES ON INCREASING PRESS. ON STRAINER.
3. DELETED
4. DELETED
5. RELAY 42X IS A POTTER & BRUMFIELD MDR RELAY AND HAS 8 PDT CONTACTS. FOR SPARE CONTACTS SEE DWG'S. E-8-78 & E-80-165.
6. FOR SCHEME NO. BE1274 SERVICE WATER STRAINER 1-1 SEE DWG. E-48B SH.7A.
7. FOR SCHEME NO. BF1274 SERVICE WATER STRAINER 1-2 SEE DWG. E-48B SH.7.
8. TDR RELAY ORIGINALLY AGASTAT MODEL 7022F. ANY FUTURE REPLACEMENT IS TO BE MODEL E-7024F. REF. NCR INFO. NOTICE 87-66 AND ECP 10-0192.

SCALE NONE	DESIGNED	DRAWN SAS	DATE 05-03-10
DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1			
ELEMENTARY WIRING DIAGRAM LAKE WATER SYSTEM SERVICE WATER PUMP STRAINER 1-3			
	DRAWING NO.		REV.
	E-48B SH. 7B		1