



**TERA APERTURE CARD**

**INFORMATION**  
THIS DOCUMENT IS SUBJECT TO REVISION WITHOUT NOTIFICATION TO THE USER OF THIS COPY

- REFERENCE DRAWINGS**
- 0-E-0103 - ELECT. WIRING STANDARDS & SYMBOLS
  - 1-E-7391, SH.1 - CONTROL WIRING DIAGRAM ELECT. AUX. BLDG. HVAC
  - 1-E-3463, SH.10 - ELECT. AUX. BLDG. & CONTROL RM. M/U AIRLINE DMPR & MIXING BOX OUTLET LOGIC DIAGRAM.
  - 1-E-3463, SH.4 - ELECT. AUX. BLDG. & CONT. RM. M/U RETURN AIR DMPRS. LOGIC DIAG.
  - 0244071, SH.36 - SOLID STATE PROTECTION SYSTEM INTERCONNECTION DIAGRAM.

- LEGEND:**
- K823 - SAFETY INJECTION RELAY. CONTACT OPENS ON SI SIGNAL
  - FV-9339C - M/U UNIT IIA M/U AIR LINE DAMPER.
  - FV-9339D - M/U UNIT IIA M/U AIR LINE DAMPER.
  - 20/FV-9339I - SOLENOID VALVE.
  - FV-9339C - M/U UNIT IIC M/U AIR LINE DAMPER.
  - 20/FV-9339I - SOLENOID VALVE.
  - FV-9347 - UNIT IIA M/U AIR DAMPER.
  - 20/FV-9347 - SOLENOID VALVE.
  - FV-9347A - UNIT IIA RETURN AIR DAMPER.
  - 20/FV-9347A - SOLENOID VALVE.
  - 45RM-A - RADIATION MONITORING. AUX. RELAY. CONTACT CLOSING BELOW SETPOINT.
  - IRR-002 - ACTUATION TRAIN A CABINET.
  - TERMINATION CABINET

FV-9391C-C } CONT. RM. ISOL. DAMPERS (1-E-5391, SH.3)  
a.c.

FV-9391C-O }  
b.o.

FV-9347-O } SUPPLY AIR HDLG. UNIT IIA FAN (1-E-5406)  
b.o.

FV-9347A-O }  
b.o.

FV-9339D-C } M/U AIR FAN 11A (1-E-5412)  
a.c.

FV-9391C-C } M/U AIR FAN 11C (1-E-5414)  
a.c.

FV-9391C-C  
FV-9339D-O  
FV-9347-O  
FV-9347A-O

CONTACT	DAMPER POSITION		USE
	CLOSE	OPEN	
20			SP
b.o.			GR LT
20			SP
b.o.			CONT. X

0% 100% \*EXCEPT  
FV-9391C  
FV-9347-O  
FV-9347A-C  
FV-9339D

CONTACT	DAMPER POSITION		USE
	CLOSE	OPEN	
a.c.			RED LT
b.c.			SP
a.c.			CONT. X
b.c.			SE

0% 100% \*EXCEPT  
FV-9347 & FV-9347A

**NUCLEAR SAFETY RELATED CLASS 1E**

PKG. : 042A	SUFF. : 102	ACT : 581
DRAWING TITLE ELECTRICAL	CONTRACT NO CR-0241	SCALE NONE
ELEMENTARY DIAGRAM	DRAWING NO 4-V-11	
ELECT. AUX. BLDG. HVAC		
CONT. RM. ISOLATION DMPRS		1-E-5391-C-SH.1

DATE	DESCRIPTION	BY	CHK	PROJ. ENGR.	DEPT. MGR.	DATE	DESCRIPTION	BY	CHK	PROJ. ENGR.	DEPT. MGR.	DATE
	REVISED AS NOTED ISSUED FOR USE											
	REVISED AS NOTED & ISSUED FOR USE											
	ISSUED FOR REVIEW & COMMENT											

**SOUTH TEXAS PROJECT**  
Brown & Root Inc.  
ENGINEERS-CONSTRUCTORS  
HOUSTON, TEXAS

**BROWN & ROOT INC. MICROFILM SERVICES**

INFORMATION PRELIMINARY REVIEW USE CONSTRUCTION



TUESDAY, JAN. 22, 1980

MICROFILMED SEP 7 '79



RIDS

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