

COMMONWEALTH EDISON COMPANY

DRESDEN UNIT 3
NUCLEAR POWER STATION

FIRE PROTECTION
CABLE DISCREPANCY LIST

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DRESDEN UNIT 3 FIRE ZONE 11.1.1 02 AUG 82 PAGE NUMBER 1 PART 01 OF 02

ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT...)							
CORE SPRAY SYS 2	32819	3903J	3430	3758A	3076	2160	NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.
LPCI SYS II CKT A	33954	3904H	3438	3758B	3076	2160	
LPCI SYS II CKT A	33954	3904H	3438	3758B	3076	2160	
LPCI SYS II CKT A	33977	3904H	3438	3758D	3076	2160	NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 11.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.
SENSOR & TRIP SYS CKT A	34146	3904L	3501	3773B	3076	3076	
SENSOR & TRIP SYS CKT B	34147	3904L	3501	3774A	3076	3076	
SENSOR & TRIP SYS CKT A	34148	3904L	3501	3773B	3076	3076	ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.
SENSOR & TRIP SYS CKT B	34149	3904L	3501	3774A	3076	3076	
RECORDER 640-27	35117	3905G	3419	3750B	3076	3070	

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 11.1.1 02 AUG 82 PAGE NUMBER 2 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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REDUNDANT RECORDER AND INDICATION IS AVAILABLE IN SAME
 UNIT ELSEWHERE.

DRESDEN UNIT 3 FIRE ZONE 11.1.2 02 AUG 82 PAGE NUMBER 3 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCEI SYS I CKT A 32696 3903F 3437 3757B 3076 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32812 3903J 3430 3757B 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

SENSOR & TRIP SYS 33764 3904D 3501 3747A 3076 2161
 CKT A

SENSOR & TRIP SYS. 33824 3904E 3501 3749A 3076 2161
 CKT B

SENSOR & TRIP SYS 34011 3904J 3501 3747C 3076 2161
 CKT A

SENSOR & TRIP SYS. 34012 3904J 3501 3749C 3076 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

RECORDER 640-27 35114 3905G 3419 3750B 3076 3070

REDUNDANT RECORDER AND INDICATION IS AVAILABLE IN SAME UNIT ELSEWHERE.

TAB SCHEM WIRING FROM EI TO EI

REMARKS

(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

REDUNDANT RECORDER AND INDICATION IS AVAILABLE IN SAME UNIT ELSEWHERE.

REMARKS

(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

DRESDEN UNIT 3 FIRE ZONE 1.1.1.1 02 AUG 82 PAGE NUMBER 6 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

SENSOR & TRIP SYS CKT A	34146	3904L	3501	3773B	3076	3076	
SENSOR & TRIP SYS CKT B	34147	3904L	3501	3774A	3076	3076	
SENSOR & TRIP SYS CKT A	34148	3904L	3501	3773B	3076	3076	
SENSOR & TRIP SYS CKT B	34149	3904L	3501	3774A	3076	3076	

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 7 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3421 BUS 3656C 3656A

NOT REQUIRED FOR SAFE SHUTDOWN.

FIRE PROTECTION 20703 2901Q 2595 2841A 3062 2095
 CO2 SYSTEM

POWER TO VENT FAN WILL BE SUPPLIED FROM OTHER UNIT THROUGH
 LOCAL/REMOTE SWITCH. CONTACTS IN SWITCH WILL ALSO PREVENT
 CLOSING OF VENT DAMPER AND AUTO INITIATION OF CO2 FIRE
 EXTINGUISHING SYSTEM.

RB 250 V DC MCC 3B 24081 2904K 3321 3684F 2058 3082

RB 250 V DC MCC 3B 24082 2904K 3321 3684F 2058 3082

RB 250 V DC MCC 3B 24085 2904K 3321 3684F 2058 3082

RB 250 V DC MCC 3B 24089 2904K 3321 3684F 2058 3082

RB 250 V DC MCC 3B 24090 2904K 3321 3684F 2058 3082

RB 250 V DC MCC 3B 24091 2904K 3321 3684F 2058 3082

RB 250 V DC MCC 3B 24092 2904K 3321 3684F 2058 3082

NOT REQUIRED FOR SAFE SHUTDOWN.

LPCI SYS II CKT A 30224 3901E 3438 3758C 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 8 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3427 30225 3901E 3438 3758D 2160 3080

NOT REQUIRED FOR SAFE SHUTDOWN.

LPCI SYS II CKT A 30225 3901E 3438 3758D 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152-3427 30287 3901F 3430 3758B 3080 2160

NOT REQUIRED FOR SAFE SHUTDOWN.

CORE SPRAY SYS 2 30287 3901F 3430 3758B 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 152-3403 30739 3901Q 3654E 3654A 3065 3080

ACB 152-3403 30740 3901Q 3654E 3654A 3065 3080

ACB 152-3403 30741 3901Q 3654E 3654A 3065 3080

ACB 152-3403 30742 3901Q 3344 3654A 3065 3080

NOT REQUIRED FOR SAFE SHUTDOWN.

LPCI SYS I CKT A 30826 3901S 3437 3757B 3078 2160

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 O2 AUG 82 PAGE NUMBER 9 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 30838 3901S 3438 3758B 3078 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152-3432 30924 3901U 3344 3656B 3080 2161

ACB 152-3403 30925 3901U 3901V 3654A 3080 3065

ACB 152-3421 30930 3901U 3656C 3656A 3080 2161

ACB 152-3427 30933 3901U 3656F 3656A 3080 2161

DG 3 CONT & EXC 30933 3901U 3350B 3656A 3080 2161

ACB-152-3427 30935 3901U 3346 3656A 3080 2161

NOT REQUIRED FOR SAFE SHUTDOWN.

480V MCC 38-1 & 38-4 31355 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 38-4 31356 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 38-4 31357 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 38-4 31363 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 31364 3902D 3374 3660B 3082 3078

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 10 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 38-4
 480V MCC 38-1 & 31365 3902D 3374 3660B 3082 3078
 38-4

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

ISOL. COND. VLVS. 32555 3903D 3507A 3674D 3078 3077
 M03-1301-1

ISOL. COND. VLVS. 32557 3903D 3507A 3674D 3078 3077
 M03-1301-1

ISOL. COND. VLVS. 32559 3903D 3507A 3674D 3078 2161
 M03-1301-1

ISOL. COND. VLVS. 32572 3903D 3507 3674D 3078 3077
 M03-1301-4

ISOL. COND. VLVS. 32574 3903D 3507 3674D 3078 3077
 M03-1301-4

ISOL. COND. VLVS. 32576 3903D 3507 3674D 3078 2161
 M03-1301-4

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CORE SPRAY SYS I 32607 3903E 3430 3701 2161 3077

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32607 3903E 3437 3701 2161 3077

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 11 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

LPCI SYS I CKT A 32696 3903F 3437 3757B 3076 2161

LPCI SYS II CKT A 32724 3903G 3438 3758B 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32812 3903J 3430 3757B 3076 2160

CORE SPRAY SYS 2 32819 3903J 3430 3758A 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 152-3432 32821 3903J 3350B 3656B 3080 2161

NOT REQUIRED FOR SAFE SHUTDOWN.

SENSOR & TRIP SYS 33764 3904D 3501 3747A 3076 2161
 CKT A

SENSOR & TRIP SYS. 33824 3904E 3501 3749A 3076 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

LPCI SYS II CKT A 33954 3904H 3438 3758B 3076 2160

LPCI SYS II CKT A 33977 3904H 3438 3758D 3076 2160

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 12 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

SENSOR & TRIP SYS 34011 3904J 3501 3747C 3076 2161
 CKT A

SENSOR & TRIP SYS 34012 3904J 3501 3749C 3076 2161
 CKT B

SENSOR & TRIP SYS 34146 3904L 3501 3773B 3076 3076
 CKT A

SENSOR & TRIP SYS 34147 3904L 3501 3774A 3076 3076
 CKT B

SENSOR & TRIP SYS 34148 3904L 3501 3773B 3076 3076
 CKT A

SENSOR & TRIP SYS 34149 3904L 3501 3774A 3076 3076
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

RB 125V DC DIST 34196 3904M 3322 3686 3067 3082
 PANEL 3

RB 125V DC DIST 34197 3904M 3067 3686 3067 3082
 PANEL 3

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED. REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES MECHANICALLY CROSS-CONNECTED.

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 13 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB	SCHEM WIRING FROM EI TO EI				REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
PCIS CKT A	36277	3906F	3506	3695	2161	3078	(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
PCIS CKT B	36278	3906F	3506	3697	2161	3078	
SENSOR & TRIP SYS CKT A	36312	3906G	3501	3747A	3080	2161	
SENSOR & TRIP SYS. CKT B	36313	3906G	3501	3749A	3080	2161	
PCIS SENSOR & TRIP SYSTEM CKT A	36320	3906G	3501	3747C	3079	2161	
SENSOR & TRIP SYS. CKT B	36321	3906G	3501	3749C	3080	2161	

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD MN STM ISOL	36342	3906G	3504	3695	2161	3077
MN STM ISOL CKT B INBRD	36345	3906G	3504	3695	2161	3077
CKT A INBRD MN STM ISOL	36356	3906H	3504	3819C	2161	3077
MN STM ISOL CKT B INBRD	36359	3906H	3504	3695	2161	3077
CKT A INBRD MN STM ISOL	36370	3906H	3504	3695	2161	3077
MN STM ISOL	36373	3906H	3504	3695	2161	3077

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 14 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 CKT B INBRD

CKT A INBRD 36384 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36387 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PG 3 CONT & EXC 38479 3908B 3350B 3646 3065 3080

NOT REQUIRED FOR SAFE SHUTDOWN.

ISO COND VLV 75331 7503L 3484 7573D 3077 3018
 M03-1301-10

VALVES WILL BE OPERATED MANUALLY.

ISO COND VLV 75332 7503L 3484 7573D 3077 3018
 M03-4102

ISO COND VLV 75816 7503W 3484 3684E 3082A 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

ISOL. COND. VLVS. 75816 7503W 3484 3684E 3082A 3077
 M03-1301-10

VALVES WILL BE OPERATED MANUALLY.

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.2 02 AUG 82 PAGE NUMBER 15 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISO COND VLV 75827 7503W 3484 7573D 2057 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 16 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM E1 TO E1
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3333 BUS 3345 3655B
 ACB 152-3333 20857 2901T 3345 3655B 2080 3080

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

RB 250V DC MCC 3B 24080 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24081 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24082 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24085 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24089 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24090 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24091 2904K 3321 3684F 2058 3082
 RB 250V DC MCC 3B 24092 2904K 3321 3684F 2058 3082

NOT REQUIRED FOR SAFE SHUTDOWN.

LPCI SYS II CKT A 30224 3901E 3438 3758C 2160 3080
 LPCI SYS II CKT A 30225 3901E 3438 3758D 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 17 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3333 30226 2901E 3345 3655B 2160 3080

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

LPCI SYS I CKT A 30226 3901E 3437 3757D 2160 3080

LPCI SYS I CKT A 30228 3901E 3437 3757C 2160 3080

LPCI SYS I CKT A 30284 3901F 3437 3757B 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2 30287 3901F 3430 3758B 3080 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

ACB 152-3333 30419 2901J 3345 3655B 2080 3080

ACB 152-3333 30433 2901J 3345 3655B 3080 2095

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

ACB 152-3310 30627 3901N 3653F 3653B 3065 3080

ACB 152-3310 30628 3901N 3653F 3653B 3065 3080

ACB 152-3310 30629 3901N 3653F 3653B 3065 3080

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 O2 AUG 82 PAGE NUMBER 18 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3310 30630 3901N 3653F 3653B 3065 3080

NOT REQUIRED FOR SAFE SHUTDOWN.

LPCI SYS I CKT A 30813 3901S 3437 3757D 3080 2160

LPCI SYS I CKT A 30825 3901S 3437 3757D 3080 2160

LPCI SYS I CKT A 30826 3901S 3437 3757B 3078 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152 3310 & 3323 30850 3901T 3344 3653A 3080 2161

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333 30850 3901T 3344 3655A 3080 2161

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN. NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

ACB 152 3310 & 3323 30851 3901T 3344 3653B 3080 3065

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333 30851 2901T 3344 3655A 3080 3065

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 O2 AUG 82 PAGE NUMBER 19 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

ACB 152-3333	30855	3901T	3345	3655B	3080	2161
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POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

ACB 152-3325	30865	3901T	3349	3655A	3080	3082
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ACB 152-3325	30866	3901T	3349	3655A	3080	2161
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ACB 152-3325	30867	3901T	3349	3655A	3080	2161
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480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS I	30877	3901T	3430	3757B	3080	2160
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CORE SPRAY SYS I	30880	3901T	3430	3757B	3080	2160
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

ACB 152-3325	30916	3901U	3349	3655A	3082	3080
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ACB 252-MF38	30916	3901U	3349	3660A	3082	3080
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ACB 152-3325	30917	3901U	3349	3655A	3080	3080
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ACB 152-3426	30939	3901U	3349	3656A	3082	3082
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ACB 152-3426	30940	3901U	3349	3656A	3080	2161
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ACB 152-3426	30941	3901U	3349	3656A	3080	2161
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ACB 152-3426	30942	3901U	3349	3656A	3082	3080
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ACB 252-MF39	30943	3901U	3349	3661A	3082	3080
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***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 20 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS 2 30963 3901V 3430 3758A 3080 2160

CORE SPRAY SYS 2 30966 3901V 3430 3758A 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 252-3938 31021 3901W 3349 3661A 3080 3082

ACB 252-3938 31022 3901W 3349 3661A 3080 3082

ACB 252-MF38 31350 3902D 3349 3660A 3082 2161

480V MCC 38-1 & 38-4 31355 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 38-4 31356 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 38-4 31357 3902D 3374 3660B 3082 3078

480V MCC 38-1 & 38-4 31358 3902D 3374 3660B 3082 3066

480V MCC 38-2 31359 3902D 3374 3660B 3082 3067

480V MCC 38-2 31360 3902D 3374 3660B 3082 3067

480V MCC 38-2 31361 3902D 3374 3660B 3082 3067

480V MCC 38-2 31362 3902D 3374 3660B 3082 3067

480V MCC 38-1 & 31363 3902D 3374 3660B 3082 3078

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 21 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE NUM DWG 12E- DWG 12E- DWG 12E- DWG NUM DWG NUM REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 38-4
 480V MCC 38-1 & 31364 3902D 3374 3660B 3082 3078
 38-4
 480V MCC 38-1 & 31365 3902D 3374 3660B 3082 3078
 38-4
 480V MCC 38-3 31371 3902D 3374 3660B 3082 3078
 480V MCC 38-3 31372 3902D 3374 3660B 3082 3067
 480V MCC 38-3 31373 3902D 3374 3660B 3082 3067
 480V MCC 38-3 31374 3902D 3374 3660B 3082 3067
 ACB 252-MF39 31400 3902E 3349 3661A 3082 2161
 ACB 252-3938 31494 3902F 3349 3661A 3082 2161
 120/240 ESS DIST 32310 3902Y 3611 3661A 3082 2056G
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

LPCI SYS I CKT A 32547 3903C 3437 3757D 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ISOL COND. VLV. 32559 3903D 3507A 3674D 3078 2161

M03-1301-1

ISOL COND. VLV. 32576 3903D 3507 3674D 3078 2161

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 22 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 MO3-1303-4

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CORE SPRAY SYS I 32607 3903E 3430 3701 2161 3077

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32607 3903E 3437 3701 2161 3077

LPCI SYS I CKT A 32696 3903F 3437 3757B 3076 2161

LPCI SYS II CKT A 32724 3903G 3438 3758B 3080 2160

LPCI SYS I CKT A 32733 3903G 3437 3757C 3080 2160

LPCI SYS II CKT A 32738 3903G 3438 3758D 3079 2160

LPCI SYS II CKT A 32743 3903G 3438 3758C 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32809 3903J 3430 3757B 3080 2160

CORE SPRAY SYS 2 32810 3903J 3430 3758B 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 23 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 32810 3903J 3438 3758D 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32811 3903J 3430 3757C 3080 2161

CORE SPRAY SYS I 32812 3903J 3430 3757B 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32950 3903M 3438 3758D 3080 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ISOL COND. VLV. 33754 3904D 3507 3684C 3082 3080
 M03-1301-3

ISOL COND. VLV. 33755 3904D 3507 3684C 3082 3080
 M03-1301-3

ISOL COND. VLV. 33756 3904D 3507 3684C 3082 3080
 M03-1301-3

ISOL COND. VLV. 33757 3904D 3507 3684C 3082 3080
 M03-1301-3

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 24 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISOL COND. VLV. 33758 3904D 3507 3684C 3082 2161
 MO3-1301-3

VALVES WILL BE OPERATED LOCALLY.

ISOL COND. VLV. 33778 3904D 3507A 3684C 3082 2161
 MO3-1301-2

VALVES WILL BE OPERATED MANUALLY.

LPCI SYS I CKT A 33956 3904H 3437 3757D 3080 2160

LPCI SYS I CKT A 33957 3904H 3437 3757D 3080 2160

LPCI SYS II CKT A 33958 3904H 3438 3758D 2160 3080

LPCI SYS II CKT A 33966 3904H 3438 3758D 3080 2160

LPCI SYS II CKT A 33967 3904H 3438 3758D 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

4KV SWGR 33-1 DC 33980 3904H 3322 3655B 3082 3080
 FEED

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED. REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES MECHANICALLY CROSS-CONNECTED.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 25 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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EQUIPMENT NUMBER	CABLE NUM	DWG 12E-	DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM	DWG NUM
480V SWGR 38 DC FEED	33982	3904H	3322	3660A	3082	3080	

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

RB 125V DC DIST PANEL 3	34196	3904M	3322	3686	3067	3082	
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RB 125V DC DIST PANEL 3	34197	3904M	3067	3686	3067	3082	
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4KV SWGR 33-1 DC FEED	34213	3904N	3322	3655B	3067	2161	
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NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED. REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES MECHANICALLY CROSS-CONNECTED.

480V SWGR 38 DC FEED	34214	3904N	3322	3660A	3067	3082	
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480V SWGR 39 DC FEED	34215	3904N	3322	3661	3067	3082	
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480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

RB 125V DC DIST PANEL 3	34218	3904N	3322	3686	3067	3082	
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RB 125V DC DIST PANEL 3	34219	3904N	3322	3686	3067	3082	
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NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED. REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES MECHANICALLY CROSS-CONNECTED.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 26 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISOL COND. VLV. 36273 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL COND. VLV. 36274 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL COND. VLV. 36275 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL COND. VLV. 36276 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS CKT A 36277 3906F 3506 3695 2161 3078

PCIS CKT A 36279 3906F 3506 3697 3080 2161

PCIS CKT B 36280 3906F 3506 3697 3080 2161

PCIS CKT A 36281 3906F 3506 3697 3080 2161

PCIS CKT B 36283 3906F 3506 3697 3080 2161

SENSOR & TRIP SYS 36312 3906G 3501 3747A 3080 2161
 CKT A

SENSOR & TRIP SYS. 36313 3906G 3501 3749A 3080 2161
 CKT B

PCIS SENSOR & TRIP 36320 3906G 3501 3747C 3079 2161
 SYSTEM CKT A

SENSOR & TRIP SYS. 36321 3906G 3501 3749C 3080 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 27 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CKT A INBRD 36342 3906G 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36345 3906G 3504 3695 2161 3077
 CKT B INBRD

CKT A INBRD 36356 3906H 3504 3819C 2161 3077
 MN STM ISOL

MN STM ISOL 36359 3906H 3504 3695 2161 3077
 CKT B INBRD

CKT A INBRD 36370 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36373 3906H 3504 3695 2161 3077
 CKT B INBRD

CKT A INBRD 36384 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36387 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

ISO COND VLV 75816 7503W 3484 3684E 3082A 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

ISOL COND. VLV. 75816 7503W 3484 3684E 3082A 3077
 M03-1301-10

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.3 02 AUG 82 PAGE NUMBER 28 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====
 VALVES WILL BE OPERATED MANUALLY.

DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 O2 AUG 82 PAGE NUMBER 29 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

RB 250V DC MCC 3A & 3B	24080	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24081	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24082	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24085	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24089	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24090	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24091	2904K	3321	2683C	2058	3082
RB 250V DC MCC 3A & 3B	24092	2904K	3321	2683C	2058	3082

NOT REQUIRED FOR SAFE SHUTDOWN.

ACB 152-3325	30865	3901T	3655F	3655A	3080	3082
ACB 152-3325	30916	3901U	3349	3655A	3082	3080
ACB 252-MF 38	30916	3901U	3349	3655A	3082	3080
ACB 152-3325	30917	3901U	3349	3655A	3080	3080
ACB 152-3426	30939	3901U	3349	3656A	3082	3082
ACB 152-3426	30942	3901U	3349	3656A	3082	3080

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 02 AUG 82 PAGE NUMBER 30 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE NUM DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

EQUIPMENT NUMBER	CABLE NUM	DWG 12E-	DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	REMARKS
ACB 252-MF39	30943	3901U	3349	3661A	3082	3080		
480V SWGR 38 DC FEED	31020	3901W	3321	3660A	3082	3082		
ACB 252-3938	31021	3901W	3349	3661A	3080	3082		
ACB 252-3938	31022	3901W	3349	3661A	3080	3082		
ACB 252-MF 38	31350	3902D	3349	3660A	3082	2161		
480V MCC 38-1 & 38-4	31355	3902D	3374	3660B	3082	3078		
480V MCC 38-1 & 38-4	31356	3902D	3374	3660B	3082	3078		
480V MCC 38-1 & 38-4	31357	3902D	3374	3660B	3082	3078		
480V MCC 38-1 & 38-4	31358	3902D	3374	3660B	3082	3066		
480V MCC 38-2	31359	3902D	3374	3660B	3082	3067		
480V MCC 38-2	31360	3902D	3374	3660B	3082	3067		
480V MCC 38-2	31361	3902D	3374	3660B	3082	3067		
480V MCC 38-2	31362	3902D	3374	3660B	3082	3067		
480V MCC 38-1 & 38-4	31363	3902D	3374	3660B	3082	3078		
480V MCC 38-1 & 38-4	31364	3902D	3374	3660B	3082	3078		
480V MCC 38-1 & 38-4	31365	3902D	3374	3660B	3082	3078		

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DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 02 AUG 82 PAGE NUMBER 31 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 38-4
 480V MCC 38-3 31371 3902D 3374 3660B 3082 3078
 480V MCC 38-3 31372 3902D 3374 3660B 3082 3067
 480V MCC 38-3 31373 3902D 3374 3660B 3082 3067
 480V MCC 38-3 31374 3902D 3374 3660B 3082 3067
 ACB 252-MF39 31400 3902E 3349 3661A 3082 2161
 ACB 252-3938 31494 3902F 3349 3661A 3082 2161
 120/240 ESS DIST 32310 3902Y 3611 3661A 3082 2056G
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

ISOL. COND. VLV. 33754 3904D 3507 3684C 3082 3080
 MO3-1301-3
 ISOL. COND. VLV. 33755 3904D 3507 3684C 3082 3080
 MO3-1301-3
 ISOL. COND. VLV. 33756 3904D 3507 3684C 3082 3080
 MO3-1301-3
 ISOL. COND. VLV. 33757 3904D 3507 3684C 3082 3080
 MO3-1301-3
 ISOL. COND. VLV. 33758 3904D 3507 3684C 3082 2161
 MO3-1301-3

VALVES WILL BE OPERATED LOCALLY.

ISOL. COND. VLV. 33774 3904D 3507A 3684C 3082 3082

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 02 AUG 82 PAGE NUMBER 32 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

MO3-1301-2

ISOL. COND. VLV. MO3-1301-2	33775	3904D	3507A	3684C	3082	3082
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ISOL. COND. VLV. MO3-1301-2	33776	3904D	3507A	3684C	3082	3082
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ISOL. COND. VLV. MO3-1301-2	33777	3094D	3507A	3684C	3082	3082
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ISOL. COND. VLV. MO3-1301-2	33778	3904D	3507A	3684C	3082	2161
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VALVES WILL BE OPERATED MANUALLY.

4KV SWGR 33-1 DC FEED	33980	3904H	3322	3655B	3082	3080
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NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

480V SWGR 38 DC FEED	33982	3904H	3322	3660A	3082	3082
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480V SWGR 39 DC FEED	33983	3904H	3322	3661	3082	3082
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480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

RB 250V MCC 3A & 3B	34179	3904M	3321	3684C	3082	3082
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RB 250V MCC 3A	34180	3904M	3321	3684C	3082	3082
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***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 02 AUG 82 PAGE NUMBER 33 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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& 3B

RB 250V MCC 3A 34181 3904M 3321 3684C 3082 3082
 & 3B 3A & 3B

RB 250V MCC 3A 34182 3904M 3321 3684C 3082 3082
 & 3B 3A & 3B

NOT REQUIRED FOR SAFE SHUTDOWN.

RB 125V DIST.PNL 3 34196 3904M 3322 3686 3067 3082

RB 125V DIST.PNL 3 34197 3904M 3322 3686 3067 3082

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

480V SWGR. 38 34214 3904N 3322 3685B 3067 3082

480V SWGR 39 DC 34215 3904N 3322 3661 3067 3082
 FEED

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

RB 125V DIST.PNL 3 34218 3904N 3322 3686 3067 3082

RB 125V DIST.PNL 3 34219 3904N 3322 3685B 3067 3082

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 02 AUG 82 PAGE NUMBER 34 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

ISOL. COND.VLV. 36273 3906F 3506 3806N 3084 2161
 PD3-1301-17&20

ISOL. COND.VLV. 36274 3906F 3506 3806N 3084 2161
 PD3-1301-17&20

ISOL. COND.VLV. 36275 3906F 3506 3806N 3084 2161
 PD3-1301-17&20

ISOL. COND.VLV. 36276 3906F 3506 3806N 3084 2161
 PD3-1301-17&20

VALVES FAIL IN SAFE POSITION.

ISO COND VLV 75816 7503W 3484 3684E 3082A 3077
 MO3-4102

ISOL. COND.VLV. 75816 7503W 7503W 3684E 3082A 3077
 MO3-1301-10

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

ISOL. COND.VLV. 75818 7503W 3484 3684E 3082 3084
 MO3-1301-10

ISOL. COND.VLV. 75819 7503W 3484 3684E 3082 3084
 MO3-1301-10

VALVES WILL BE OPERATED MANUALLY.

ISOL. COND.VLV. 75820 7503W 3484 3684E 3082 3084
 MO3-4102

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 1.1.1.4 02 AUG 82 PAGE NUMBER 35 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	REMARKS
							(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

ISOL. COND. VLV. M03-1301-10	75821	7503W	3484	3806N	3082	3084
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VALVES WILL BE OPERATED MANUALLY.

ISOL. COND. VLV. M03-4102	75822	7503W	3484	3684E	3082	3084
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VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

DRESDEN UNIT 3 FIRE ZONE 1.1.2.2 02 AUG 82 PAGE NUMBER 36 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 FIRE PROTECTION 20703 29010 2595 2841A 3062 2095
 CO2 SYSTEM

POWER TO VENT FAN WILL BE SUPPLIED FROM OTHER UNIT THROUGH
 LOCAL/REMOTE SWITCH. CONTACTS IN SWITCH WILL ALSO PREVENT
 CLOSING OF VENT DAMPER AND AUTO INITIATION OF CO2 FIRE
 EXTINGUISHING SYSTEM.

DRESDEN UNIT 3 FIRE ZONE 1.2.1 02 AUG 82 PAGE NUMBER 37 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISO COND VLV 32556 3903D 3507A 3674D 3077 2160
 M03-1301-1

ISOL. COND. VLVS. 32558 3903D 3507A 3674D 3077 3082
 M03-1301-1

ISO COND VLV 32573 3903D 3507 3674D 3077 3078
 M03-1301-4

ISO COND VLV 32575 3903D 3507 3674D 3077 3078
 M03-1301-4

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER
 SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE
 DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE
 AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CKT A INBRD 36322 3906G 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36331 3906G 3504 3819C 3077 3077
 CKT B INBRD

MN STM ISOL 36338 3906G 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36341 3906G 3504 3819C 3077 3077
 MN STM ISOL

CKT A INBRD 36343 3906G 3504 3816B 3077 3077
 MN STM ISOL

MN STM ISOL 36346 3906G 3504 3819C 2161 3077
 CKT B INBRD

MN STM ISOL 36351 3906H 3504 3819C 3077 3077

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DRESDEN UNIT 3 FIRE ZONE 1.2.1 02 AUG 82 PAGE NUMBER 38 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 CKT B INBRD

MN STM ISOL 36352 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36353 3906H 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36357 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36360 3906H 3504 3695 3077 3077
 MN STM ISOL

MN STM ISOL 36366 3906H 3504 3819C 3077 3062
 CKT B INBRD

CKT A INBRD 36371 3906H 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36374 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36381 3906H 3504 3819C 3077 3077
 MN STM ISOL

CKT A INBRD 36382 3906H 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36382 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36383 3906H 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36383 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36385 3906H 3504 3819C 3077 3077

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DRESDEN UNIT 3 FIRE ZONE 1.2.1 02 AUG 82 PAGE NUMBER 39 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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MN STM ISOL

MN STM ISOL 36388 3906H 3504 3819C 3077 3077
 CKT B INBRD

MN STM ISOL 36395 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36396 3906H 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36396 3906H 3504 3819C 3077 3077
 CKT B INBRD

CKT A INBRD 36397 3906H 3504 3819C 3077 3077
 MN STM ISOL

MN STM ISOL 36397 3906H 3504 3819C 3077 3077
 CKT B INBRD

MN STM ISOL 36398 3906H 3504 3819C 3077 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 40 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 30223 3901E 3438 3758C 2160 2160

LPCI SYS I CKT A 30227 3901E 3437 3757C 2160 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152 3310 & 30387 3901H 3342 3738 3080 2160
 3323

NOT REQUIRED FOR SAFE SHUTDOWN.

ACB 152 3310 & 30411 3901J 3342 3741 2160 2161
 3323

ACB 152 3310 & 30418 3901J 3342 3741 2060 2161
 3323

ACB 152 3310 & 30616 3901N 3342 3653B 3065 2161
 3323

ACB 152 3310 & 30623 3901N 3342 3653A 3065 2161
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152 3310 & 30631 3901N 3344 3653B 3065 2161
 3323

CURRENT TRANSFORMERS WILL BE LOCALLY SHORTED.

***** CONTINUED ON NEXT PAGE *****

TAB SCHEM WIRING FROM EI TO EI

REMARKS

(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

CONTROL ROD 30684 3901P 3416 3653A 3065 2161
HYDRAULIC DRIVE
PUMPS 302-3A

OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

LPCI SYS I CKT A 30830 39015 3437 3757C 3065 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN	UNIT 3	FIRE ZONE 2.O		02 AUG 82	PAGE NUMBER	42	PART 01 OF 02
ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE							
	TAB	SCHME	WIRING	FROM EI	TO EI		
	CABLE	DWG	DWG	DWG	DWG NUM	DWG NUM	REMARKS
EQUIPMENT NUMBER	NUM	12E-	12E-	12E-	12E-	12E-	(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152 3310 & 30850 3901T 3344 3653A 3080 2161
3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333 30850 3901T 3344 3655A 3080 2161

ACB 152-3333 30855 3901T 3345 3655B 3080 2161

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

CORE SPRAY SYS 2 30863 3901T 3430 3758C 2161 2160

CORE SPRAY SYS I	30864	3901T	3430	3757C	2161	2160
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 152-3325 30866 3901T 3349 3655A 3080 2161

ACB 152-3325 30867 3901T 3349 3655A 3080 2161

ACB 152-3426 30940 3901U 3349 3656A 3080 2161

ACB 152-3426 30941 3901U 3349 3656A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE	SPRAY	SYS	2	30960	3901V	3430	3758D	2161	2160
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 43 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 30960 3901V 3438 3758D 2161 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 252-MF38 31350 3902D 3349 3660A 3082 2161

ACB 252-MF39 31400 3902E 3349 3661A 3082 2161

ACB 252-3938 31494 3902F 3349 3661A 3082 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CONDENSATE
TRANSFER PUMPS
3A-4301 32183 3902V 3370 3675B 3067 2161

OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

PCIS CKT B 32409 3903A 3506 3698 2161 2161

PCIS MN STM ISOL
CKT A OUTBRD 32409 3903A 3504A 3698 2161 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

PROCESS RAD
MON SYS CKT B 32409 3903A 3488 3698 2161 2161

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 44 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

MN STM ISOL 32470 3903B 3504 3695 2161 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MAIN STEAM 32471 3903B 3504A 3697 2161 2161
 ISOL. CKT A OUTBRD

PCIS RESET CKT 32472 3903B 3502A 3682 2160 2161

PCIS RESET CKT 32477 3903B 3502A 3706 2161 2161

PCIS RESET CKT 32481 3903B 3502A 3695 2161 2161

PCIS RESET CKT 32482 3903B 3502A 3695 2161 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MAIN STEAM ISOL. 32488 3903B 3504 3695 2161 2161
 CKT B INBOARD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL. 32489 3903B 3504A 3697 2161 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISOL. COND. VLV. 32559 3903D 3507A 3674D 3078 2161

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DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 45 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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M03-1301-1

ISOL. COND. VLV. 32576 3903D 3507 3674D 3078 2161
 M03-1301-4

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CORE SPRAY SYS I 32606 3903E 3430 3757C 2161 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32606 3903E 3437 3757C 2161 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32607 3903E 3430 3701 2161 3077

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32607 3903E 3437 3701 2161 3077

LPCI SYS II CKT A 32673 3903F 3438 3758D 2161 2160

LPCI SYSTEM II 32731 3903G 3438 3758C 2161 2160
 CKT A

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DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 46 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 32745 3903G 3438 3758C 3080 2161
 LPCI SYS I CKT A 32747 3903G 3437 3757C 2161 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

PCIS RESET CKT 32798 3903H 3502A 3697 2161 2161
 PCIS RESET CKT 32799 3903H 3502A 3697 2161 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

ISOL. COND. VLV. 32848 3903J 3512 3695 2160 2161
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

MN STM ISOL 32848 3903J 3504 3682 2160 2161
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL. 32848 3903J 3504A 3682 2160 2161
 CKT B OUTBRD

PCIS MN STM ISOL. 32849 3903J 3504A 3682 2160 2161
 CKT B OUTBRD

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 47 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

LPCI SYSTEM II 32950 3903K 3438 3758D 3080 2161
 CKT A

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

ISOL. COND. VLV. 33758 3904D 3507 3684C 3082 2161
 MO3-1301-3

VALVES WILL BE OPERATED LOCALLY.

SENSOR & TRIP SYS 33764 3904D 3501 3747A 3076 2161
 CKT A

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISOL. COND. VLV. 33778 3904D 3507A 3684C 3082 2161
 MO3-1301-2

VALVES WILL BE OPERATED MANUALLY.

SENSOR & TRIP SYS. 33824 3904E 3501 3749A 3076 2161
 CKT B

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 48 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

SENSOR & TRIP SYS CKT A	33840	3904E	3501	3747A	3062	2161
SENSOR & TRIP SYS CKT B	33841	3904E	3501	3749A	3062	2161
SENSOR & TRIP SYS CKT A	34000	3904J	3501	3819F	3066	2161
SENSOR & TRIP SYS CKT B	34001	3904J	3501	3749C	3066	2161
SENSOR & TRIP SYS CKT A	34011	3904J	3501	3747C	3076	2161
SENSOR & TRIP SYS CKT A	34013	3904J	3501	3747A	3064	2161
SENSOR & TRIP SYS CKT B	34014	3904J	3501	3749A	3064	2161
SENSOR & TRIP SYS CKT A	34020	3904J	3501	3747C	3064	2161
SENSOR & TRIP SYS CKT B	34021	3904J	3501	3749C	3064	2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL CKT A INBRD	34025	3904J	3504	3695	2161	2160
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VALVES WILL BE OPERATED LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 49 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS MN STM ISOL 34029 3904J 3504A 3697 2161 2160
 CKT A OUTBRD

PCIS RESET CKT 34047 3904J 3502A 3695 2161 2160

PCIS RESET CKT 34048 3904J 3502A 3697 2161 2160

SENSOR & TRIP SYS 34050 3904K 3501 3747A 2161 2161
 CKT A

SENSOR & TRIP SYS 34051 3904K 3501 3747C 2161 2161
 CKT A

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 34058 3904K 3504 3695 2161 2160
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 34058 3904K 3504A 3695 2161 2160
 CKT B OUTBRD

PCIS MN STM ISOL 34066 3904K 3504A 3697 2161 2160
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISO COND VLV 34068 3904K 3506 3682 2161 2160
 PD3-1301-17&20

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 50 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

VALVES FAIL IN SAFE POSITION.

MN STM ISOL 34086 3904K 3504 3696 2161 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS CKT A 34086 3904K 3506 3696 2161 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

PROCESS RAD 34086 3904K 3488 3696 2161 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

PCIS CKT A 34096 3904K 3506 0695 2161 2160

PCIS CKT B 34097 3904K 3506 3697 2161 2160

PCIS CKT A 34110 3904L 3506 3697 2161 2160

PCIS CKT B 34111 3904L 3506 3697 2161 2160

PCIS CKT A 34113 3904L 3506 3697 2161 2160

PCIS CKT B 34115 3904L 3506 3697 2161 2160

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 51 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG- NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISOL. COND. VLV. 34118 3904L 3506 3695 2161 2160
 PD3-1301-17 & 20

ISOL. COND. VLV. 34119 3904L 3506 3697 2161 2160
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

ISOL. COND. VLV. 34122 3904L 3904L 3697 2161 2160
 M03-1301-2

VALVES WILL BE OPERATED MANUALLY.

ISOL. COND. VLV. 34123 3904L 3507 3697 2161 2160
 M03-1301-3

VALVES WILL BE OPERATED LOCALLY.

ISOL. COND. VLV. 34136 3904L 3507 3695 2161 2160
 M03-1301-4

ISOL. COND. VLV. 34145 3904N 3507A 3674D 2160 2160
 M03-1301-1

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

MN STM ISOL 34176 3904M 3504 3685A 3067 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 52 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS CKT A 34176 3904M 3506 3685A 3067 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34176 3904M 3488 3747B 3067 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

PCIS CKT B 34211 3904N 3506 3685B 3067 2161

PCIS MN STM ISOL 34211 3904N 3504A 3685B 3067 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34211 3904N 3488 3685B 3067 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

MN STM ISOL 35187 3905H 3504 3747C 2161 3070
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS CKT A 35187 3905H 3506 3747C 2161 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 53 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PROCESS RAD 35187 3905H 3488 3747C 2161 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

ISOL. COND. VLV. 36273 3906E 3506 3896N 3084 2161
 PD3-1301-17 & 20

ISOL. COND. VLV. 36274 3506F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL. COND. VLV. 36275 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL. COND. VLV. 36276 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS CKT A 36277 3906F 3506 3695 2161 3078

PCIS CKT B 36278 3906F 3506 3697 2161 3078

PCIS CKT A 36279 3906F 3506 3697 3080 2161

PCIS CKT B 36280 3906F 3506 3697 3080 2161

PCIS CKT A 36281 3906F 3506 3697 3080 2161

PCIS CKT B 36283 3906F 3506 3697 3080 2161

PCIS MN STM ISOL. 36305 3906G 3504A 3747A 2161 2161
 CKT B OUTBRD

SENSOR & TRIP SYS 36312 3906G 3501 3747A 3080 2161

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 54 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

=====

CKT A

SENSOR & TRIP SYS. 36313 3906G 3501 3749A 3080 2161
 CKT B

SENSOR & TRIP SYS 36320 3906G 3501 3747C 3079 2161
 CKT A

SENSOR & TRIP SYS. 36321 3906G 3501 3749C 3080 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36342 3906G 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36345 3906G 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL. 36348 3906G 3504A 3697 2161 3062
 CKT B OUTBRD

PCIS MN STM ISOL. 36348 3906G 3504A 3697 2161 3062
 CKT B OUTBRD

PCIS MN STM ISOL 36349 3906H 3504A 3819C 3062 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 55 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

MN STM ISOL 36354 3906H 3504 3747C 2161 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36355 3906H 3504A 3749A 2161 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

CKT A INBRD 36356 3906H 3504 3819C 2161 3077
 MN STM ISOL

MN STM ISOL 36359 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36362 3906H 3504A 3697 2161 3077
 CKT A OUTBRD

PCIS MN STM ISOL 36363 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

MN STM ISOL 36368 3906H 3504 3749C 2161 3062
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 56 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS MN STM ISOL. 36368 3906H 3504A 3747C 2161 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36370 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36373 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36376 3906H 3504A 3819C 2161 3062
 CKT A OUTBRD

PCIS MN STM ISOL 36377 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36384 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36387 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36390 3906H 3504A 3819C 2161 3062

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 57 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM. WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

=====

CKT A OUTBRD

PCIS MN STM ISOL. 36391 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

SENSOR & TRIP SYS. 37196 3906Z 3501 3749A 2160 2161
 CKT B

SENSOR & TRIP SYS. 37239 3907B 3501 3501 2160 2161
 CKT A

SENSOR & TRIP SYS. 37241 3907A 3501 3749B 2160 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 39369 3908V 3504 3819C 2161 2160
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

CO2 FIRE PROT. SYS 65144 6503G 2595 2685A 2058A 2056E

ALTERNATE POWER SUPPLY AVAILABLE.

PROCESS RAD 75242 7503J 3488 3696 2161 2161
 MON SYS CKT A

PROCESS RAD 75243 7503J 3488 3697 2161 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 58 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CKT A INBRD 75800 7503X 3504 3703 2058 2057
 MN STM ISOL

MN STM ISOL 75800 7503W 3504 3703 2058 2057
 CKT B INBRD

CKT A INBRD 75801 7503W 3504 3703 2058 2057
 MN STM ISOL

MN STM ISOL 75801 7503W 3504 3703 2058 2057
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

ISOL. COND. VLV. 75803 7503W 5406 3703B 2058 2057
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS MN STM ISOL 75806 7503X 3504A 3703 2056C 2057
 CKT A OUTBRD

PCIS MN STM ISOL 75806 7503W 3504A 3703 2056C 2057
 CKT B OUTBRD

PCIS MN STM ISOL 75807 7503X 3504A 3703 2056C 2057
 CKT A OUTBRD

PCIS MN STM ISOL 75807 7503W 3504A 3703 2056C 2057
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 2.0 02 AUG 82 PAGE NUMBER 59 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISO COND VLV 75809 7503W 3506 3682 2056C 2057
 PD3-1301-17&20

VALVES FAIL IN SAFE POSITION.

ISO COND VLV 75826 7503W 3484 7573D 2057 3077
 M03-1301-10

VALVES WILL BE OPERATED MANUALLY.

ISO COND VLV 75827 7503W 3484 7573D 2057 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

SENSOR & TRIP SYS 77316 7505C 3501 3747A 2061 2061
 CKT A

SENSOR & TRIP SYS 77317 7505C 3501 3749A 2061 2061
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

DRESDEN UNIT 3 FIRE ZONE 6.1 02 AUG 82 PAGE NUMBER 60 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

BATTERY CHARGER 3A 32371 3902Z 3974 3675B 3067 3067

BATTERY CHARGER 3A 32372 3902Z 3974 3685A 3067 3067

BATTERY CHARGER 3A 32373 3902Z 3974 3685A 3067 3067

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

CORE SPRAY SYS I 32951 3903M 3430 3757D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

LPCI SYS I CKT A 32951 3903M 3437 3757D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2 32952 3903M 3430 3758D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

LPCI SYS II CKT A 32952 3903M 3438 3758D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.1 02 AUG 82 PAGE NUMBER 61 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

TB 125 V MAIN BUS 3	34160	3904M	3685B	3685A	3067	3067	
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TB 125 V MAIN BUS 3	34161	3904M	3685B	3685A	3067	3067	
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TB 125 V MAIN BUS 3	34163	3904M	3685B	3685A	3067	3067	
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NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

CO2 FIRE PROT. SYS	34172	3904M	2595	2841A	3067	3062	
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ALTERNATE POWER SUPPLY AVAILABLE.

MN STM ISOL CKT A INBRD	34176	3904M	3504	3685A	3067	2161	
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VALVES WILL BE OPERATED LOCALLY.

PCIS CKT A	34176	3904M	3506	3685A	3067	2161	
------------	-------	-------	------	-------	------	------	--

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD MON SYS CKT A	34176	3904M	3488	3747B	3067	2161	
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VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.1 02 AUG 82 PAGE NUMBER 62 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

4 KV SWITCHGEAR 33 34187 3904M 3322 3685A 3067 3065

RB 125 V DIST. 34196 3904M 3322 3686 3067 3082
 PANEL 3

RB 125 V DIST. 34197 3904M 3322 3686 3067 3082
 PANEL 3

4 KV SWITCHGEAR 33 34202 3904N 3322 3685B 3067 3065

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

PCIS CKT B 34211 3904N 3506 3685B 3067 2161

PCIS MN STM ISOL 34211 3904N 3504A 3685B 3067 2161
 CKT A OUTBRD.

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34211 3904N 3488 3685B 3067 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

4 KV SWGR 33-1 DC 34213 3904N 3322 3685B 3067 3080
 FEED

4 KV SWITCHGEAR 38 34214 3904N 3322 3685B 3067 3082

480V SWGR 39 DC 34215 3904N 3322 3661 3067 3082

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.1 02 AUG 82 PAGE NUMBER 63 PART 01 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

FEED

TB 125V DC RES 34216 3904N 3322 3685B 3067 2058
 BUS 3

TB 125V DC RES 34217 3904N 3322 3685B 3067 2058
 BUS 3

RB 125 V PANEL 3 34218 3904N 3322 3686 3067 3082

RB 125 V DIST. 34219 3904N 3322 3686 3067 3082
 PANEL 3

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

FIRE PROTECTION 75144 7503G 2595 3685A 3067A 2056C
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

120/240 ESS DIST 77318 7503C 3811C 3683B 3067 2056
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

***** END OF PART 01 OF 02 *****

DATE 12:09:34 RID 44 04 AUG 82 GCM221

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 1 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS I CKT A 30200 3901E 3437 3757C 2160 2160

LPCI SYS I CKT A 30210 3901E 3437 3765C 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 30221 3901E 3430 3757D 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 30221 3901E 3437 3757D 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2 30222 3901E 3430 3758D 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 30222 3901E 3438 3758D 2160 2160

LPCI SYS II CKT A 30223 3901E 3438 3758C 2160 2160

LPCI SYS II CKT A 30224 3901E 3438 3758C 2160 3080

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 2 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 30225 3901E 3438 3758D 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152-3333 30226 3901F 3437 3655B 2160 3080

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN. NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

LPCI SYS I CKT A 30226 3901E 3437 3757D 2160 3080

LPCI SYS I CKT A 30227 3901E 3437 3757C 2160 2161

LPCI SYS I CKT A 30228 3901E 3437 3757C 2160 3080

LPCI SYS II CKT A 30252 3901F 3438 3758C 2160 2160

LPCI SYS II CKT A 30260 3901F 3438 3765C 2160 2160

LPCI SYS I CKT A 30284 3901F 3437 3757B 2160 3080

LPCI SYS II CKT A 30285 3901F 3438 3758D 2160 2160

LPCI SYS I CKT A 30286 3901F 3437 3757D 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 3 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CORE SPRAY SYS 2 30287 3901F 3430 3758B 3080 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 152 3310 & 30411 3901J 3342 3741 2160 2161
 3323

ACB 152 3310 & 30418 3901J 3342 3741 2160 2161
 3323

ACB 152 3310 & 30616 3901N 3342 3653B 3065 2161
 3323

ACB 152 3310 & 30623 3901N 3342 3653A 3065 2161
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3310 30631 3901N 3653F 3653B 3065 2161

CURRENT TRANSFORMERS WILL BE LOCALLY SHORTED.

SERVICE WATER 30660 3901P 3391 3653A 3065 2161
 PUMPS 152-3308

SERV WTR PMP 3A 30661 3901P 3391 3653A 3065 2161
 (152-3308)

CONTROL ROD H.D. 30683 3901P 3416 3653A 3065 2161
 PUMPS 302-3A

CONTROL ROD H.D. 30684 3901P 3416 3653A 3065 2161
 PUMPS 302-3A

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 4 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====
 OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

LPCI SYS I CKT A	30805	3901S	3437	3757B	2160	2160
LPCI SYS I CKT A	30813	3901S	3437	3757D	3080	2160
LPCI SYS I CKT A	30815	3901S	3437	3757D	2161	2160
LPCI SYS II CKT A	30819	3901S	3438	3758C	2161	2160
LPCI SYS I CKT A	30820	3901S	3437	3757C	2161	2160
LPCI SYS I CKT A	30825	3901S	3437	3757D	3080	2160
LPCI SYS I CKT A	30826	3901S	3437	3757B	3078	2160
LPCI SYS I CKT A	30828	3901S	3437	3757D	2161	2160
LPCI SYS I CKT A	30830	3901S	3437	3757C	3065	2160
LPCI SYS II CKT A	30838	3901S	3438	3758B	3078	2160
LPCI SYS II CKT A	30840	3901S	3438	3758C	3065	2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYSTEM II	30863	3901T	3430	3758C	2161	2160
CORE SPRAY SYS I	30864	3901T	3430	3757C	2161	2160
CORE SPRAY SYS I	30877	3901T	3430	3757B	3080	2160

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 5 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CORE SPRAY SYS I	30880	3901T	3430	3757B	3080	2160	NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.
ACB 152-3426	30940	3901U	3349	3656A	3080	2161	
ACB 152-3426	30941	3901U	3349	3656A	3080	2161	480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.
CORE SPRAY SYS 2	30960	3901V	3430	3758D	2161	2160	NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.
LPCI SYS II CKT A	30960	3901V	3438	3758D	2161	2160	NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.
CORE SPRAY SYS 2	30963	3901V	3430	3758A	3080	2160	
CORE SPRAY SYS 2	30966	3901V	3430	3758A	3080	2160	NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.
ACB 252-MF39	31400	3902E	3349	3661A	3082	2161	

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 6 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CONDENSATE PUMPS 32183 3902V 3370 3675B 3067 2161
 3A-4301

OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

120 V AC INST. BUS 32188 3902V 3675B 3653B 3067 2160
 903-50

120/240 ESS DIST 32310 3902Y 3611 3661A 3082 2056G
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

PCIS CKT B 32409 3903A 3506 3698 2161 2161

PCIS MN STM ISOL 32409 3903A 3504A 3698 2161 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 32409 3903A 3488 3698 2161 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

PCIS MAIN STEAM 32471 3903B 3504A 3697 2161 2161
 ISOL. CKT A OUTBRD

PCIS RESET CKT 32472 3903B 3502A 3682 2160 2161

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 7 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS MN STM ISOL. 32489 3903B 3504A 3697 2161 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

LPCI SYS I CKT A 32547 3903C 3437 3757D 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32606 3903E 3430 3757C 2161 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

LPCI SYS I CKT A 32606 3903E 3437 3757C 2161 2161

LPCI SYS II CKT A 32673 3903F 3438 3758D 2161 2160

LPCI SYS I CKT A 32696 3903F 3437 3757B 3076 2161

LPCI SYS II CKT A 32724 3903G 3438 3758B 3080 2160

LPCI SYS II CKT A 32726 3903G 3438 3758B 2160 2160

LPCI SYS I CKT A 32730 3903G 3437 3757B 2160 2160

LPCI SYS II CKT A 32731 3903G 3438 3758C 2161 2160

LPCI SYS I CKT A 32733 3903G 3437 3757C 3080 2160

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 8 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 32738 3903G 3438 3758D 3079 2160

LPCI SYS II CKT A 32743 3903G 3438 3758C 3080 2160

LPCI SYSTEM II 32745 3903G 3438 3758C 3080 2161
 CKT A

LPCI SYS I CKT A 32747 3903G 3437 3757C 2161 2160

LPCI SYS II CKT A 32749 3903G 3438 3758C 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

PCIS RESET CKT 32798 3903H 3502A 3697 2161 2161

PCIS RESET CKT 32799 3903H 3502A 3697 2161 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

CORE SPRAY SYS I 32808 3903J 3430 3757C 2160 2160

CORE SPRAY SYS I 32809 3903J 3430 3757B 3080 2160

CORE SPRAY SYS 2 32810 3903J 3430 3758B 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32810 3903J 3438 3758D 3079 2160

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DRESDEN UNIT 3 FIRE ZONE 6.2 O2 AUG 82 PAGE NUMBER 9 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32811 3903J 3430 3757C 3080 2161

CORE SPRAY SYS I 32812 3903J 3430 3757B 3076 2160

CORE SPRAY SYS 2 32816 3903J 3430 3758C 2160 2160

CORE SPRAY SYS 2 32819 3903J 3430 3758A 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ISOL. COND. VLV. 32848 3903J 3512 3695 2160 2161
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

MN STM ISOL 32848 3903J 3504 3682 2160 2161
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL. 32848 3903J 3504A 3682 2160 2161
 CKT B OUTBRD

PCIS MN STM ISOL. 32849 3903J 3504A 3682 2160 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 10 PART 02 OF 02
ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG	DWG	DWG	DWG NUM	DWG NUM	
		12E-	12E-	12E-	12E-	12E-	(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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LPCI SYS II CKT A 32950 3903M 3438 3758D 3080 2161

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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I	32951	3903M	3430	3757D	3067	2160
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

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LPCI SYS I CKT A      32951  3903M 3437  3757D 3067      2160
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE	SPRAY	SYS	2	32952	3903M	3430	3758D	3067	2160
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

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LPCI  SYS  II  CKT  A   32952   3903M  3438   3758D  3067       2160

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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

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DRESDEN UNIT 3 FIRE ZONE 6.2 O2 AUG 82 PAGE NUMBER 11 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

ISOL. COND. VLV. M03-1301-3	33758	3904D	3507	3684C	3082	2161	
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VALVES WILL BE OPERATED LOCALLY.

SENSOR & TRIP SYS CKT A	33764	3904D	3501	3747A	3076	2161	
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SENSOR & TRIP SYS CKT B	33824	3904E	3501	3749A	3076	2161	
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SENSOR & TRIP SYS CKT A	33840	3904E	3501	3747A	3062	2161	
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SENSOR & TRIP SYS CKT B	33841	3904E	3501	3749A	3062	2161	
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ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

LPCI SYS II CKT A	33954	3904H	3438	3758B	3076	2160	
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LPCI SYS I CKT A	33956	3904H	3437	3757D	3080	2160	
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LPCI SYS I CKT A	33957	3904H	3437	3757D	3080	2160	
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LPCI SYS II CKT A	33958	3904H	3438	3758D	2160	3080	
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LPCI SYS II CKT A	33966	3904H	3438	3758D	3080	2160	
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LPCI SYS II CKT A	33967	3904H	3438	3758D	3080	2160	
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 12 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CORE SPRAY SYS 2 33969 3904H 3430 3758D 2160 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 33977 3904H 3438 3758D 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

SENSOR & TRIP SYS 34000 3904J 3501 3819F 3066 2161
 CKT A

SENSOR & TRIP SYS. 34001 3904J 3501 3749C 3066 2161
 CKT B

SENSOR & TRIP SYS 34011 3904J 3501 3747C 3076 2161
 CKT A

SENSOR & TRIP SYS. 34012 3904J 3501 3749C 3076 2161
 CKT B

SENSOR & TRIP SYS 34013 3904J 3501 3747A 3064 2161
 CKT A

SENSOR & TRIP SYS. 34014 3904J 3501 3749A 3064 2161
 CKT B

SENSOR & TRIP SYS 34020 3904J 3501 3747C 3064 2161
 CKT A

SENSOR & TRIP SYS. 34021 3904J 3501 3749C 3064 2161

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 13 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 34025 3904J 3504 3695 2161 2160
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 34029 3904J 3504A 3697 2161 2160
 CKT A OUTBRD

PCIS RESET CKT 34047 3904J 3502A 3695 2161 2160

PCIS RESET CKT 34048 3904J 3502A 3697 2161 2160

SENSOR & TRIP SYS. 34052 3904K 3501 3749A 2161 2161
 CKT B

SENSOR & TRIP SYS. 34053 3904K 3501 3749C 2161 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 34058 3904K 3504 3695 2161 2160
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL. 34058 3904K 3504A 3695 2161 2160

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 14 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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CKT B OUTBRD

PCIS MN STM ISOL. 34066 3904K 3504A 3697 2161 2160
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISO COND VLV 34068 3904K 3506 3682 2161 2160
 PD3-1301-17&20

VALVES FAIL IN SAFE POSITION.

PCIS CKT A 34096 3904K 3506 3695 2161 2160

PCIS CKT B 34097 3904K 3506 3697 2161 2160

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISOL. COND. VLV. 34098 3904K 3506 3764A 2160 2160
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS CKT A 34098 3904K 3506 3764A 2160 2160

PCIS CKT B 34099 3904K 3506 3764A 2160 2160

PCIS CKT A 34110 3904L 3506 3697 2161 2160

PCIS CKT B 34111 3904L 3506 3697 2161 2160

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DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 15 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS CKT A 34113 3904L 3506 3697 2161 2160

PCIS CKT B 34115 3904L 3506 3697 2161 2160

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISOL. COND. VLV. 34118 3904L 3506 3695 2161 2160
 PD3-1301-17 & 20

ISOL. COND. VLV. 34119 3904L 3506 3697 2161 2160
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

ISOL. COND. VLV. 34122 3904L 3507A 3697 2161 2160
 M03-1301-2

VALVES WILL BE OPERATED MANUALLY.

ISOL. COND. VLV. 34123 3904L 3507 3697 2161 2160
 M03-1301-3

VALVES WILL BE OPERATED LOCALLY.

ISOL. COND. VLV. 34136 3904L 3507 3695 2161 2160
 M03-1301-4

ISOL. COND. VLV. 34145 3904N 3507A 3674D 2160 2160
 M03-1301-1

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER
 SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE
 DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE
 AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 16 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

MN STM ISOL 34176 3904M 3504 3685A 3067 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS CKT A 34176 3904M 3506 3685A 3067 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

PROCESS RAD 34176 3904M 3488 3747B 3067 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

PCIS CKT B 34211 3904N 3506 3685B 3067 2161

PCIS MN STM ISOL 34211 3904N 3504A 3685B 3067 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

PROCESS RAD 34211 3904N 3488 3685B 3067 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

ISOL. COND. VLV. 36275 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 17 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

ISOL. COND. VLV. PD3-1301-17 & 20	36276	3906F	3506	3697	3084	2161	
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VALVES FAIL IN SAFE POSITION.

PCIS CKT B	36278	3906F	3506	3697	2161	3078	
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PCIS CKT A	36281	3906F	3506	3697	3080	2161	
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PCIS CKT B	36283	3906F	3506	3697	3080	2161	
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PCIS MN STM ISOL. CKT B OUTBRD	36305	3906G	3504A	3747A	2161	2161	
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SENSOR & TRIP SYS CKT A	36312	3906G	3501	3747A	3080	2161	
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SENSOR & TRIP SYS CKT B	36313	3906G	3501	3749A	3080	2161	
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SENSOR & TRIP SYS CKT A	36320	3906G	3501	3747C	3079	2161	
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SENSOR & TRIP SYS CKT B	36321	3906G	3501	3749C	3080	2161	
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PCIS MN STM ISOL. CKT B OUTBRD	36348	3906G	3504A	3697	2161	3062	
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PCIS MN STM ISOL. CKT B OUTBRD	36348	3906G	3504A	3697	2161	3062	
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PCIS MN STM ISOL CKT A OUTBRD	36349	3906H	3504A	3819C	3062	2161	
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PCIS MN STM ISOL	36355	3906H	3504A	3749A	2161	2161	
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***** CONTINUED ON NEXT PAGE *****

REMARKS

(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

SENSOR & TRIP SYS. 37241 3907A 3501 3749B 2160 2161
CKT B

120/240 ESS DIST	38651	3908F	3682	3682	2056	2056
PNL 903-49						

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 19 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

MN STM ISOL 39369 3908V 3504 3819C 2161 2160
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

CO2 FIRE PROT. SYS 65144 6503G 2595 2685A 2058A 2056E

ALTERNATE POWER SUPPLY AVAILABLE.

CO2 FIRE PROT. SYS 65829 6503W 2595 2841A 2056 3062

NOT REQUIRED FOR SAFE SHUTDOWN.

CO2 FIRE PROT. SYS 75144 7503G 2595 3685A 3067A 2056C

ALTERNATE POWER SUPPLY AVAILABLE.

PROCESS RAD 75243 7503J 3488 3697 2161 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

CKT A INBRD 75800 7503X 3504 3703 2058 2057
 MN STM ISOL

MN STM ISOL 75800 7503W 3504 3703 2058 2057
 CKT B INBRD

CKT A INBRD 75801 7503W 3504 3703 2058 2057
 MN STM ISOL

MN STM ISOL 75801 7503W 3504 3703 2058 2057

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 20 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

ISOL. COND. VLV. 75803 7503W 5406 3703B 2058 2057
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS MN STM ISOL 75806 7503X 3504A 3703 2056C 2057
 CKT A OUTBRD

PCIS MN STM ISOL 75806 7503W 3504A 3703 2056C 2057
 CKT B OUTBRD

PCIS MN STM ISOL 75807 7503X 3504A 3703 2056C 2057
 CKT A OUTBRD

PCIS MN STM ISOL 75807 7503W 3504A 3703 2056C 2057
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISO COND VLV 75809 7503W 3506 3682 2056C 2057
 PD3-1301-17&20

VALVES FAIL IN SAFE POSITION.

ISO COND VLV 75826 7503W 3484 7573D 2057 3077
 M03-1301-10

VALVES WILL BE OPERATED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 6.2 02 AUG 82 PAGE NUMBER 21 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISO COND VLV 75827 7503W 3484 7573D 2057 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

SENSOR & TRIP SYS 77316 7505C 3501 3747A 2061 2061
 CKT A

SENSOR & TRIP SYS 77317 7505C 3501 3749A 2061 2061
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

120/240 ESS DIST 77318 7503C 3811C 3683B 3067 2056
 PNL 903-49

120/240 ESS DIST 77319 7503C 3682 3682 2056G 2056G
 PNL 903-49

120/240 ESS DIST 77322 7503C 3811C 3661 2056G 2056G
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

DRESDEN UNIT 3 FIRE ZONE 7.0 02 AUG 82 PAGE NUMBER 22 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

FIRE PROTECTION 65144 6503G 2595 2685A 2058A 2056E
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

DRESDEN UNIT 3 FIRE ZONE 7.0-2 02 AUG 82 PAGE NUMBER 23 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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CO2 FIRE PROT. SYS 24172 2704M 2595 2841A 2056 3062

ALTERNATE POWER SUPPLY AVAILABLE.

DRESDEN

UNIT 3 FIRE ZONE 8.2.1

02 AUG 82

PAGE NUMBER 24

PART 02 OF 02

ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

TAB SCHEM WIRING FROM EI TO EI

EQUIPMENT NUMBER	CABLE NUM	DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	REMARKS
ACB 152 3310 & 3323	38808	3908J	3343	3654B	3065	2160	
ACB 152 3310 & 3323	38834	3908J	3344	3653B	3065	3072	

(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

DRESDEN UNIT 3 FIRE ZONE 8.2.3 02 AUG 82 PAGE NUMBER 25 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CONT. ROD HYD. 30682 3901P 3416 3653A 3065 3073
 DRV. PMP 302-3A

CONT. ROD HYD. 32815 3903J 3416 3653A 3065 3073
 DRV. PMP 302-3A

CONT. ROD HYD. 32869 3903K 3416 3653A 3073 3073
 DRV. PMP 302-3A

OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

ACB 152 3310 & 38808 3908J 3343 3654B 3065 2160
 3323

ACB 152 3310 & 38834 3908J 3344 3653B 3065 3072
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

CONTROL ROD HYD. 76173 7504D 3416 3653A 3065 3073
 DRIVE PUMPS 302-3A

CONT. ROD HYD. 76175 7504D 3416 3653A 3065 3073
 DRV. PMP 302-3A

OPPOSITE UNIT PUMPS AND CROSS-TIE PIPING WILL BE USED.

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 26 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 30224 3901E 3438 3758C 2160 3080

LPCI SYS II CKT A 30225 3901E 3438 3758D 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152-3333 30226 3901E 3437 3655B 2160 3080

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN. NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

LPCI SYS I CKT A 30226 3901E 3437 3757D 2160 3080

LPCI SYS I CKT A 30227 3901E 3437 3757C 2160 2161

LPCI SYS I CKT A 30228 3901E 3437 3757C 2160 3080

LPCI SYS I CKT A 30284 3901F 3437 3757B 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2 30287 3901F 3430 3758B 3080 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 27 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152 3310 & 30616 3901N 3342 3653B 3065 2161
 3323

ACB 152 3310 & 30623 3901N 3342 3653A 3065 2161
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3310 30631 3901N 3653F 3653B 3065 2161

CURRENT TRANSFORMERS WILL BE LOCALLY SHORTED.

ACB 152-3310 30632 3901N 3344 3653B 3065 2161

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

LPCI SYS I CKT A 30813 3901S 3437 3757D 3080 2160

LPCI SYS I CKT A 30815 3901S 3437 3757D 2161 2160

LPCI SYS I CKT A 30820 3901S 3437 3757C 2161 2160

LPCI SYS I CKT A 30825 3901S 3437 3757D 3080 2160

LPCI SYS I CKT A 30826 3901S 3437 3757B 3078 2160

LPCI SYS I CKT A 30828 3901S 3437 3757D 2161 2160

LPCI SYSTEM I 30830 3901S 3437 3757C 3065 2160
 CKT A

LPCI SYS II CKT A 30838 3901S 3438 3758B 3078 2160

LPCI SYS II CKT A 30840 3901S 3438 3758C 3065 2160

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DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 28 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3323 30850 3901T 3344 3655B 3080 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333 30850 3901T 3344 3655A 3080 2161

ACB 152-3333 30855 3901T 3345 3655B 3080 2161

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN. NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

CORE SPRAY SYS I 30864 3901T 3430 3757C 2161 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 152-3325 30866 3901T 3655F 3655A 3080 2161

ACB 152-3325 30867 3901T 3349 3655A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS I 30877 3901T 3430 3757B 3080 2160

CORE SPRAY SYS I 30880 3901T 3430 3757B 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 29 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

ACB 152-3426 30940 3901U 3349 3656A 3080 2161

ACB 152-3426 30941 3901U 3349 3656A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS 2 30963 3901V 3430 3758A 3080 2160

CORE SPRAY SYS 2 30966 3901V 3430 3758A 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 252-MF38 31350 3902D 3349 3660A 3082 2161

ACB 252-MF39 31400 3902E 3349 3661A 3082 2161

ACB 252-3938 31494 3902F 3349 3661A 3082 2161

120 V INST. BUS 32188 3902V 3675B 3675B 3067 2160
 903-50

120/240 ESS DIST 32310 3902Y 3611 3661A 3082 2056G
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

LPCI SYS I CKT A 32547 3903C 3437 3757D 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 30 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISOL. COND. VLV. 32559 3903D 3507A 3674D 3078 2161
 M03-1301-1

ISOL. COND. VLV. 32576 3903D 3507 3674D 3078 2161
 M03-1301-4

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CORE SPRAY SYS I 32606 3903E 3430 3757C 2161 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32606 3903E 3437 3757C 2161 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32607 3903E 3430 3701 2161 3077

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32607 3903E 3437 3701 2161 3077

LPCI SYS I CKT A 32696 3903F 3437 3757B 3076 2161

LPCI SYS II CKT A 32724 3903G 3438 3758B 3080 2160

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 31 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

LPCI SYS I CKT A 32733 3903G 3437 3757C 3080 2160

LPCI SYS II CKT A 32738 3903G 3438 3758D 3079 2160

LPCI SYS II CKT A 32743 3903G 3438 3758C 3080 2160

LPCI SYS I CKT A 32747 3903G 3437 3757C 2161 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32809 3903J 3430 3757B 3080 2160

CORE SPRAY SYS 2 32810 3903J 3430 3758B 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32810 3903J 3438 3758D 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32811 3903J 3430 3757C 3080 2161

CORE SPRAY SYS I 32812 3903J 3430 3757B 3076 2160

CORE SPRAY SYS 2 32819 3903J 3430 3758A 3076 2160

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DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 32 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A 32950 3903M 3438 3758D 3080 2161

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

CORE SPRAY SYS I 32951 3903M 3430 3757D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32951 3903M 3437 3757D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2 32952 3903M 3430 3758D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32952 3903M 3438 3758D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

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DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 33 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISOL. COND. VLV. 33758 3904D 3507 3684C 3082 2161
 M03-1302-3

VALVES WILL BE OPERATED LOCALLY.

ISOL. COND. VLV. 33778 3904D 3507A 3684C 3082 2161
 M03-1301-2

VALVES WILL BE OPERATED MANUALLY.

LPCI SYS II CKT A 33954 3904H 3438 3758B 3076 2160

LPCI SYS I CKT A 33956 3904H 3437 3757D 3080 2160

LPCI SYS I CKT A 33957 3904H 3437 3757D 3080 2160

LPCI SYS II CKT A 33958 3904H 3438 3758D 2160 3080

LPCI SYS II CKT A 33966 3904H 3438 3758D 3080 2160

LPCI SYS II CKT A 33967 3904H 3438 3758D 3080 2160

LPCI SYS II CKT A 33977 3904H 3438 3758D 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

MN STM ISOL 34176 3904M 3504 3685A 3067 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 34 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS CKT A 34176 3904M 3506 3685A 3067 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34176 3904M 3488 3747B 3067 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

PCIS CKT B 34211 3904N 3506 3685B 3067 2161

PCIS MN STM ISOL 34211 3904N 3504A 3685B 3067 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34211 3904N 3488 3685B 3067 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

ISOL. COND. VLV. 36273 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL. COND. VLV. 36274 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

ISOL. COND. VLV. 36275 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

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DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 35 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ISOL. COND. VLV. 36276 3906F 3506 3806N 3084 2161
 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS CKT A 36277 3906F 3506 3695 2161 3078

PCIS CKT B 36278 3906F 3506 3697 2161 3078

PCIS CKT A 36279 3906F 3506 3697 3080 2161

PCIS CKT B 36280 3906F 3506 3697 3080 2161

PCIS CKT A 36281 3906F 3506 3697 3080 2161

PCIS CKT B 36283 3906F 3506 3697 3080 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36342 3906G 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36345 3906G 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL. 36348 3906G 3504A 3697 2161 3062
 CKT B OUTBRD

PCIS MN STM ISOL. 36348 3906G 3504A 3697 2161 3062
 CKT B OUTBRD

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 36 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS MN STM ISOL 36349 3906H 3504A 3819C 3062 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36356 3906H 3504 3819C 2161 3077
 MN STM ISOL

MN STM ISOL 36359 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36362 3906H 3504A 3697 2161 3062
 CKT A OUTBRD

PCIS MN STM ISOL 36363 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36370 3906H 3504 3695 21651 3077
 MN STM ISOL

MN STM ISOL 36373 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36376 3906H 3504A 3819C 2161 3062

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DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 37 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 CKT A OUTBRD

PCIS MN STM ISOL. 36377 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36384 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36387 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36390 3906H 3504A 3819C 2161 3062
 CKT A OUTBRD

PCIS MN STM ISOL 36391 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

FIRE PROTECTION 75144 7503G 2595 3685A 3067A 2056C
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

ISO COND VLV 75331 7503L 3484 7573D 3077 3018
 M03-1301-10

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.4 02 AUG 82 PAGE NUMBER 38 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT:)

 VALVES WILL BE OPERATED MANUALLY.

ISO COND VLV 75332 7503L 3484 7573D 3077 3018
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

ISO COND VLV 75826 7503W 3484 7573D 2057 3077
 M03-1301-10

VALVES WILL BE OPERATED MANUALLY.

ISO COND VLV 75827 7503W 3484 7573D 2057 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

120/240 ESS DIST. 77318 7503C 3811C 3683B 3067 2056
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 39 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS 20701 2901Q 2595 2841A 3062 3062

CO2 FIRE PROT. SYS 20702 2901Q 2595 2841A 3062 2062

CO2 FIRE PROT. SYS 20703 2901Q 2595 2841A 3062 2590

CO2 FIRE PROT. SYS 20704 2901Q 2595 2841A 3062 2590

POWER TO VENT FAN WILL BE SUPPLIED FROM OTHER UNIT THROUGH
 LOCAL/REMOTE SWITCH. CONTACTS IN SWITCH WILL ALSO PREVENT
 CLOSING OF VENT DAMPER AND AUTO INITIATION OF CO2 FIRE
 EXTINGUISHING SYSTEM.

CO2 FIRE PROT. SYS 24172 2704M 2595 2841A 2056 3062

ALTERNATE POWER SUPPLY AVAILABLE.

CO2 FIRE PROT. SYS 25004 2905E 2595 2595 3062 2062

CO2 FIRE PROT. SYS 25024 2905E 2595 2595 3062 2069

NOT REQUIRED FOR SAFE SHUTDOWN.

LPCI SYS II CKT A 30224 3901E 3438 3758C 2160 3080

LPCI SYS II CKT A 30225 3901E 3438 3758D 2160 3080

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152-3333 30226 2901E 3345 3655B 2160 3080

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 40 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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LPCI SYS I CKT A	30226	3901E	3437	3757D	2160	3080
LPCI SYS I CKT A	30228	3901E	3437	3757C	2160	3080
LPCI SYS I CKT A	30284	3901F	3437	3757B	2160	3080

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2	30287	3901F	3430	3758B	3080	2161
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

ACB 152 3310 & 3323	30616	3901N	3342	3653B	3065	2161
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ACB 152 3310 & 3323	30623	3901N	3342	3653A	3065	2161
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CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152 3310 & 3323	30625	3901N	3342	3653A	3065	3065
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ACB 152-3310	30627	3901N	3653F	3653B	3065	3080
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ACB 152-3310	30628	3901N	3653F	3653B	3065	3080
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DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 41 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

ACB 152-3310 30629 3901N 3653F 3653B 3065 3080

ACB 152-3310 30630 3901N 3344 3653B 3065 3080

NOT REQUIRED FOR SAFE SHUTDOWN.

ACB 152-3310 30631 3901N 3653F 3653B 3065 2161

CURRENT TRANSFORMERS WILL BE LOCALLY SHORTED.

ACB 152-3310 30632 3901N 3344 3653B 3065 2161

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

LPCI SYS I CKT A 30813 3901S 3437 3757D 3080 2160

LPCI SYS I CKT A 30825 3901S 3437 3757D 3080 2160

LPCI SYS I CKT A 30826 3901S 3437 3757B 3078 2160

LPCI SYS I CKT A 30828 3901S 3437 3757D 2161 2160

LPCI SYSTEM I
CKT A 30830 3901S 3437 3757C 3065 2160

LPCI SYS II CKT A 30838 3901S 3438 3758B 3078 2160

LPCI SYS II CKT A 30840 3901S 3438 3758C 3065 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 42 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152 3310 & 30850 3901T 3344 3653A 3080 2161
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333 30850 3901T 3344 3655A 3080 2161

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

ACB 152 3310 & 30851 3901T 3344 3653B 3080 3065
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333 30851 3901T 3344 3655A 3080 3065

ACB 152-3333 30855 3901T 3345 3655B 3080 2161

POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN.
 NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

ACB 152-3325 30866 3901T 3655F 3655A 3080 2161

ACB 152-3325 30867 3901T 3349 3655A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS I 30877 3901T 3430 3757B 3080 2160

CORE SPRAY SYS I 30880 3901T 3430 3757B 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

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DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 43 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

ACB 152-3426 30940 3901U 3349 3656A 3080 2161

ACB 152-3426 30941 3901U 3349 3656A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS 2 30963 3901V 3430 3758A 3080 2160

CORE SPRAY SYS 2 30966 3901V 3430 3758A 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 252-MF38 31350 3902D 3349 3660A 3082 2161

480V MCC 38-3 31371 3902D 3374 3660B 3082 3078

480V MCC 38-3 31372 3902D 3374 3660B 3082 3067

480V MCC 38-3 31373 3902D 3374 3660B 3082 3067

480V MCC 38-3 31374 3902D 3374 3660B 3082 3067

ACB 252-MF39 31400 3902E 3349 3661A 3082 2161

ACB 252-3938 31494 3902F 3349 3661A 3082 2161

120 V INST. BUS 32188 3902V 3675B 3675B 3067 2160
 903-50

120/240 ESS DIST 32310 3902Y 3611 3661A 3082 2056G
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

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DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 44 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS I CKT A 32547 3903C 3437 3757D 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5. AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ISOL. COND. VLV. 32559 3903D 3416 3653A 3078 2161
 M03-1301-1

ISOL. COND. VLV. 32576 3903D 3507 3674D 3078 2161
 M03-1301-4

480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CORE SPRAY SYS I 32606 3903E 3430 3757C 2161 2161

CORE SPRAY SYS I 32607 3903E 3430 3701 2161 3077

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A 32607 3903E 3437 3701 2161 3077

LPCI SYS I CKT A 32696 3903F 3437 3757B 3076 2161

LPCI SYS II CKT A 32724 3903G 3438 3758B 3080 2160

LPCI SYS I CKT A 32733 3903G 3437 3757C 3080 2160

LPCI SYS II CKT A 32738 3903G 3438 3758D 3079 2160

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 45 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

LPCI SYS II CKT A 32743 3903G 3438 3758C 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32809 3903J 3430 3757B 3080 2160

CORE SPRAY SYS 2 32810 3903J 3430 3758B 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32810 3903J 3438 3758D 3079 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I 32811 3903J 3430 3757C 3080 2161

CORE SPRAY SYS I 32812 3903J 3430 3757B 3076 2160

CORE SPRAY SYS 2 32819 3903J 3430 3758A 3076 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32950 3903M 3438 3758D 3080 2161

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DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 46 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CORE SPRAY SYS I 32951 3903M 3430 3757D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

LPCI SYS I CKT A 32951 3903M 3437 3757D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2 32952 3903M 3430 3758D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A 32952 3903M 3438 3758D 3067 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ISOL. COND. VLV. 33758 3904D 3507 3684C 3082 2161

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DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82. PAGE NUMBER 47 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 MO3-1301-3

VALVES WILL BE OPERATED LOCALLY.

SENSOR & TRIP SYS 33764 3904D 3501 3747A 3076 2161
 CKT A

SENSOR & TRIP SYS. 33769 3904D 3501 3819F 3062 3066
 CKT B

SENSOR & TRIP SYS. 33770 3904D 3501 3819F 3062 3066
 CKT B

SENSOR & TRIP SYS. 33771 3904D 3501 3819F 3062 3066
 CKT B

SENSOR & TRIP SYS. 33773 3904D 3501 3819F 3062 3066
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISOL. COND. VLV. 33778 3904D 3507A 3684C 3082 2161
 MO3-1301-2

VALVES WILL BE OPERATED MANUALLY.

SENSOR & TRIP SYS 33780 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33781 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33784 3904D 3501 3819F 3062 3066

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DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 48 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 CKT A

SENSOR & TRIP SYS 33785 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33786 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33824 3904E 3501 3749A 3076 2161
 CKT B

SENSOR & TRIP SYS 33828 3904E 3501 3819F 3076 2161
 CKT A

SENSOR & TRIP SYS 33829 3904E 3501 3819F 3076 2161
 CKT A

PCIS SENSOR & TRIP 33834 3904E 3501 3819F 3062 3066
 SYSTEM CKT A

SENSOR & TRIP SYS 33840 3904E 3501 3747A 3062 2161
 CKT A

SENSOR & TRIP SYS 33841 3904E 3501 3749A 3062 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

LPCI SYS II CKT A 33954 3904H 3438 3758B 3076 2160

LPCI SYS I CKT A 33956 3904H 3437 3757D 3080 2160

LPCI SYS I CKT A 33957 3904H 3437 3757D 3080 2160

LPCI SYS II CKT A 33958 3904H 3438 3758D 2160 3080

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 49 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS II CKT A	33966	3904H	3438	3758D	3080	2160
LPCI SYS II CKT A	33967	3904H	3438	3758D	3080	2160
LPCI SYS II CKT A	33977	3904H	3438	3758D	3076	2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

SENSOR & TRIP SYS CKT A	34000	3904J	3501	3819F	3066	2161
SENSOR & TRIP SYS CKT B	34001	3904J	3501	3749C	3066	2161
SENSOR & TRIP SYS CKT A	34011	3904J	3501	3747C	3076	2161
SENSOR & TRIP SYS CKT B	34012	3904J	3501	3749C	3076	2161
SENSOR & TRIP SYS CKT A	34013	3904J	3501	3747A	3064	2161
SENSOR & TRIP SYS CKT B	34014	3904J	3501	3749A	3064	2161
SENSOR & TRIP SYS CKT A	34020	3904J	3501	3747C	3064	2161
SENSOR & TRIP SYS CKT B	34021	3904J	3501	3749C	3064	2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 50 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS 34172 3904M 2595 2841A 3067 3062

ALTERNATE POWER SUPPLY AVAILABLE.

MN STM ISOL 34176 3904M 3504 3685A 3067 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS CKT A 34176 3904M 3506 3685A 3067 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

PROCESS RAD 34176 3904M 3488 3747B 3067 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

PCIS CKT B 34211 3904N 3506 3685B 3067 2161

PCIS MN STM ISOL 34211 3904N 3504A 3685B 3067 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

PROCESS RAD 34211 3904N 3488 3685B 3067 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 51 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS	35000	3905E	2595	2841A	3062	3062
CO2 FIRE PROT. SYS	35004	3905E	2595	2595	3063	3063
CO2 FIRE PROT. SYS	35009	3905E	2595	2841B	3063	3063
CO2 FIRE PROT. SYS	35010	3905E	2595	2841B	3063	3063
CO2 FIRE PROT. SYS	35014	3905E	2595	2841B	3063	3071
CO2 FIRE PROT. SYS	35015	3905E	2595	2595	3063	3067
CO2 FIRE PROT. SYS	35024	3905E	2595	2595	3062	3067
CO2 FIRE PROT. SYS	35025	3905E	2595	2841B	3062	2063
CO2 FIRE PROT. SYS	35029	3905E	2595	2841B	2063	2063
CO2 FIRE PROT. SYS	35034	3905E	2595	2841B	3062	2071
CO2 FIRE PROT. SYS	35040	3905E	2595	2841B	3062	3070
CO2 FIRE PROT. SYS	35040	3905E	2595	2841B	3062	3070

NOT REQUIRED FOR SAFE SHUTDOWN.

ISOL. COND. VLV. PD3-1301-17 & 20	36273	3906F	3506	3206N	3084	2161
ISOL. COND. VLV. PD3-1301-17 & 20	36274	3906F	3506	3806N	3084	2161
ISOL. COND. VLV. PD3-1301-17 & 20	36275	3906F	3506	3806N	3084	2161
ISOL. COND. VLV.	36276	3906F	3506	3806N	3084	2161

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 52 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 PD3-1301-17 & 20

VALVES FAIL IN SAFE POSITION.

PCIS CKT A	36277	3906F	3506	3695	2161	3078
PCIS CKT B	36278	3906F	3506	3697	2161	3078
PCIS CKT A	36279	3906F	3506	3697	3080	2161
PCIS CKT B	36280	3906F	3506	3697	3080	2161
PCIS CKT A	36281	3906F	3506	3697	3080	2161
PCIS CKT B	36283	3906F	3506	3697	3080	2161
SENSOR & TRIP SYS CKT A	36312	3906G	3501	3747A	3080	2161
SENSOR & TRIP SYS CKT B	36313	3906G	3501	3749A	3080	2161
SENSOR & TRIP SYS CKT A	36320	3906G	3501	3747C	3079	2161
SENSOR & TRIP SYS CKT B	36321	3906G	3501	3749C	3080	2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD MN STM ISOL	36342	3906G	3504	3695	2161	3077
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VALVES WILL BE OPERATED LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 53 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

PCIS MN STM ISOL. 36344 3906G 3504A 3819C 3062 3062
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 36345 3906G 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MAIN STEAM 36347 3906G 3504A 3819C 2161 3062
 ISOL. CKT B OUTBRD

PCIS MN STM ISOL. 36348 3906G 3504A 3697 2161 3062
 CKT B OUTBRD

PCIS MN STM ISOL. 36348 3906G 3504A 3697 2161 3062
 CKT B OUTBRD

PCIS MN STM ISOL 36349 3906H 3504A 3819C 3062 2161
 CKT A OUTBRD

PCIS MN STM ISOL 36350 3906H 3504A 3819C 3062 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36356 3906H 3504 3819C 2161 3077
 MN STM ISOL

VALVES WILL BE OPERATED LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 54 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS MN STM ISOL. 36358 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 36359 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36362 3906H 3504A 3697 2161 3062
 CKT A OUTBRD

PCIS MN STM ISOL. 36363 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

PCIS MN STM ISOL 36364 3906H 3504A 3697 3062 3062
 CKT A OUTBRD

PCIS MN STM ISOL. 36367 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36370 3906H 3504 3695 2161 3077
 MN STM ISOL

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36372 3906H 3504A 3819C 3062 3062

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 55 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 CKT A OUTBRD

PCIS MN STM ISOL. 36372 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

MN STM ISOL 36373 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36375 3906H 3504A 3819C 3062 3062
 CKT A OUTBRD

PCIS MAIN STEAM 36376 3906H 3504A 3819C 2161 3062
 ISOL. CKT A OUTBRD

PCIS MN STM ISOL. 36377 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

PCIS MN STM ISOL 36378 3906H 3504A 3819C 3062 3062
 CKT A OUTBRD

PCIS MN STM ISOL. 36379 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

PCIS MAIN STEAM 36380 3906H 3504A 3819C 3062 3062
 ISOL. CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 56 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CKT A INBRD 36384 3906H 3504 3695 2161 3077
 MN STM ISOL

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36386 3906H 3504A 3819C 3077 3077
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE CONTROLLED MANUALLY.

MN STM ISOL 36387 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MN STM ISOL 36389 3906H 3504A 3819C 3062 3062
 CKT A OUTBRD

PCIS MN STM ISOL 36389 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

PCIS MN STM ISOL 36390 3906H 3504A 3819C 2161 3062
 CKT A OUTBRD

PCIS MN STM ISOL 36391 3906H 3504A 3697 3062 2161
 CKT B OUTBRD

PCIS MN STM ISOL 36392 3906H 3504A 3819C 3062 3062
 CKT A OUTBRD

PCIS MN STM ISOL 36393 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 57 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS MN STM ISOL. 36394 3906H 3504A 3819C 3062 3062
 CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ACB 152 3310 & 38808 3908J 3343 3654B 3065 2160
 3323

NOT REQUIRED FOR SAFE SHUTDOWN.

ACB 152 3310 & 38834 3908J 3344 3653B 3065 3072
 3323

CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

CO2 FIRE PROT. SYS 65829 6503W 2595 2841A 2056 3062

NOT REQUIRED FOR SAFE SHUTDOWN.

FIRE PROTECTION 75144 7503G 2595 3685A 3067A 2056C
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

ISO COND VLV 75331 7503L 3484 7573D 3077 3018
 M03-1301-10

VALVES WILL BE OPERATED MANUALLY.

ISO COND VLV 75332 7503L 3484 7573D 3077 3018

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.5 02 AUG 82 PAGE NUMBER 58 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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M03-4102

ISO COND VLV 75827 7503W 3484 7573D 2057 3077
 M03-4102

VALVE WILL BE OPERATED LOCALLY EXCEPT WHEN FIRE IN VICINITY
 OF VALVE WHEN THE HPCI SYSTEM WILL BE USED FOR SAFE
 SHUTDOWN.

120/240 ESS DIST 77318 7503C 3811C 3683B 3067 2056
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

DRESDEN UNIT 3 FIRE ZONE 8.2.5-2 02 AUG 82 PAGE NUMBER 59 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS 20702 2901Q 2595 2841A 3062 2062

CO2 FIRE PROT. SYS 20703 2901Q 2595 2841A 3062 2590

POWER TO VENT FAN WILL BE SUPPLIED FROM OTHER UNIT THROUGH
 LOCAL/REMOTE SWITCH. CONTACTS IN SWITCH WILL ALSO PREVENT
 CLOSING OF VENT DAMPER AND AUTO INITIATION OF CO2 FIRE
 EXTINGUISHING SYSTEM.

FIRE PROTECTION 24172 2904M 2595 2841A 2056 3062
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

CO2 FIRE PROT. SYS 25004 2905E 2595 2595 3062 2062

CO2 FIRE PROT. SYS 25009 2905E 2595 2841B 2062 2062

CO2 FIRE PROT. SYS 25010 2905E 2595 2841B 2062 2062

CO2 FIRE PROT. SYS 25015 2905E 2595 2595 2062 2066

FIRE PROTECTION 25024 2905E 2595 2841B 3062 2069
 CO2 SYSTEM

CO2 FIRE PROT SYS 35025 3905E 2595 2841B 3062 2063

CO2 FIRE PROT. SYS 65829 6503W 2595 2841A 2056 3062

NOT REQUIRED FOR SAFE SHUTDOWN.

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 60 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM E1 TO E1
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

250 V DC DIST. 24080 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

250 V DC DIST. 24081 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

250 V DC DIST. 24082 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

250 V DC DIST. 24085 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

RB 250V DC MCC 24089 2904K 3321 2683C 2058 3082
 3A & 3B

250 V DC DIST. 24090 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

250 V DC DIST. 24091 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

250 V DC DIST. 24092 2904K 3321 3684F 2058 3082
 250 V DC MCC 3B
 FEED

CO2 FIRE PROT. SYS 25024 2905E 2595 2595 3062 2069

NOT REQUIRED FOR SAFE SHUTDOWN.

ACB 152-3333 30226 2901E 3345 3655B 2160 3080

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DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 61 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

LPCI SYS I CKT A	30226	3901E	3437	3757D	2160	3080
LPCI SYS I CKT A	30228	3901E	3437	3757C	2160	3080
LPCI SYS I CKT A	30284	3901F	3437	3757B	2160	3080
LPCI SYS I CKT A	30813	3901S	3437	3757D	3080	2160
LPCI SYS I CKT A	30825	3901S	3437	3757D	3080	2160
LPCI SYS I CKT A	30826	3901S	3437	3757B	3078	2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ACB 152-3323	30850	3901T	3344	3655A	3080	2161
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CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.

ACB 152-3333	30850	3901T	3344	3655A	3080	2161
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ACB 152-3333	30855	3901T	3345	3655B	3080	2161
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POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN. NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.

CORE SPRAY SYS I	30864	3901T	3430	3757C	2161	2160
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***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 62 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152-3325 30866 3901T 3655F 3655A 3080 2161

ACB 152-3325 30867 3901T 3349 3655A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS I 30877 3901T 3430 3757B 3080 2160

CORE SPRAY SYS I 30880 3901T 3430 3757B 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 152-3426 30940 3901U 3349 3656A 3080 2161

ACB 152-3426 30941 3901U 3349 3656A 3080 2161

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

CORE SPRAY SYS 2 30963 3901V 3430 3758A 3080 2160

CORE SPRAY SYS 2 30966 3901V 3430 3758A 3080 2160

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

ACB 252-MF38 31350 3902D 3349 3660A 3082 2161

480V MCC 38-2 31359 3902D 3374 3660B 3082 3067

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DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 63 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

480V MCC 38-2	31360	3902D	3374	3660B	3082	3067	
480V MCC 38-2	31361	3902D	3374	3660B	3082	3067	
480V MCC 38-2	31362	3902D	3374	3660B	3082	3067	
480V MCC 38-3	31371	3902D	3374	3660B	3082	3078	
480V MCC 38-3	31372	3902D	3374	3660B	3082	3067	
480V MCC 38-3	31373	3902D	3374	3660B	3082	3067	
480V MCC 38-3	31374	3902D	3374	3660B	3082	3067	
ACB 252-MF39	31400	3902E	3349	3661A	3082	2161	
ACB 252-3938	31494	3902F	3349	3661A	3082	2161	
120 V INST. 903-50	32188	3902V	3675B	3675B	3067	2160	
120/240 ESS DIST PNL 903-49	32310	3902Y	3611	3661A	3082	2056G	
LPCI SYS I CKT A	32547	3903C	3437	3757D	3080	2160	
ISOL. COND. VLV. M03-1301-1	32559	3903D	3507A	3674D	3078	2161	

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 64 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI				DWG NUM	DWG NUM	REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG 12E-			
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)								

ISOL. COND. VLV. M03-1301-4	32576	3903D	3507	3674D	3078	2161		
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480V AC VALVE WILL BE ENERGIZED FROM AN ALTERNATE POWER SOURCE. ADDITIONAL MODIFICATIONS INCLUDE: 3 HOUR FIRE DOOR, FIRE WRAPPED CABLES, INSTALLATION OF LOCAL/REMOTE AND OPEN/CLOSE SWITCHES. TCHES ON MCC 38-1 AND MCC 28-1.

CORE SPRAY SYS I	32606	3903E	3430	3757C	2161	2161		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A	32606	3903E	3437	3757C	2161	2161		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I	32607	3903E	3430	3701	2161	3077		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS I CKT A	32607	3903E	3437	3701	2161	3077		
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LPCI SYS I CKT A	32696	3903F	3437	3757B	3076	2161		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 65 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							

BATTERY CHRG 3A	32731	3903G	3974	3675B	2161	2160	
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NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

LPCI SYS I CKT A	32733	3903G	3437	3757C	3080	2160	
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LPCI SYS II CKT A	32738	3903G	3438	3758D	3079	2160	
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LPCI SYS II CKT A	32743	3903G	3438	3758C	3080	2160	
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS I	32809	3903J	3430	3757B	3080	2160	
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CORE SPRAY SYS 2	32810	3903J	3430	3758B	3079	2160	
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES.

LPCI SYS II CKT A	32810	3903J	3438	3758D	3079	2160	
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 66 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI				DWG NUM	DWG NUM	REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG 12E-			
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)								

CORE SPRAY SYS I	32811	3903J	3430	3757C	3080	2161		
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CORE SPRAY SYS I	32812	3903J	3430	3757B	3076	2160		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A	32950	3903M	3438	3758D	3080	2161		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

CORE SPRAY SYS 2	32952	3903M	3430	3758D	3067	2160		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES.

LPCI SYS II CKT A	32952	3903M	3438	3758D	3067	2160		
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NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.

ISOL. COND. VLV. M03-1301-3	33758	3903D	3507	3674D	3082	2161		
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VALVES WILL BE OPERATED LOCALLY.

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DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 67 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

SENSOR & TRIP SYS. 33769 3904D 3501 3819F 3062 3066
 CKT B

SENSOR & TRIP SYS. 33770 3904D 3501 3819F 3062 3066
 CKT B

SENSOR & TRIP SYS. 33771 3904D 3501 3819F 3062 3066
 CKT B

SENSOR & TRIP SYS. 33773 3904D 3501 3819F 3062 3066
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

ISOL. COND. VLV. 33778 3904D 3507A 3684C 3082 2161
 M03-1301-2

VALVES WILL BE OPERATED MANUALLY.

SENSOR & TRIP SYS 33780 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33781 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33784 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33785 3904D 3501 3819F 3062 3066
 CKT A

SENSOR & TRIP SYS 33786 3904D 3501 3819F 3076 3066
 CKT A

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 68 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE

EQUIPMENT NUMBER	CABLE NUM	TAB SCHEM WIRING FROM EI TO EI					REMARKS
		DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							
SENSOR & TRIP SYS CKT A	33828	3904E	3501	3819F	3076	2161	
SENSOR & TRIP SYS CKT A	33829	3904E	3501	3819F	3076	2161	
PCIS SENSOR & TRIP SYSTEM CKT A	33834	3904E	3501	3819F	3062	3066	
LPCI SYS I CKT A	33956	3904H	3437	3757D	3080	2160	
LPCI SYS I CKT A	33957	3904H	3437	3757D	3080	2160	
LPCI SYS II CKT A	33958	3904H	3438	3758D	2160	3080	
LPCI SYS II CKT A	33966	3904H	3438	3758D	3080	2160	
LPCI SYS II CKT A	33967	3904H	3438	3758D	3080	2160	
SENSOR & TRIP SYS CKT A	34000	3904J	3501	3819F	3066	2161	
SENSOR & TRIP SYS CKT B	34001	3904J	3501	3749C	3066	2161	
SENSOR & TRIP SYS	34013	3904J	3501	3747A	3064	2161	

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE
 CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE
 SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI
 SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI
 CABLES PASS THROUGH THIS FIRE ZONE.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6. 02 AUG 82 PAGE NUMBER 69 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

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CKT A

SENSOR & TRIP SYS. 34014 3904J 3501 3749A 3064 2161
 CKT B

SENSOR & TRIP SYS 34020 3904J 3501 3747C 3064 2161
 CKT A

SENSOR & TRIP SYS. 34021 3904J 3501 3749C 3064 2161
 CKT B

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CO2 FIRE PROT. SYS 34172 3904M 2595 2841A 3067 3062

ALTERNATE POWER SUPPLY AVAILABLE.

MN STM ISOL 34176 3904M 3504 3685A 3067 2161
 CKT A INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS CKT A 34176 3904M 3506 3685A 3067 2161

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34176 3904M 3488 3747B 3067 2161
 MON SYS CKT A

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 70 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

PCIS CKT B 34211 3904N 3506 3685B 3067 2161

PCIS MN STM ISOL 34211 3904N 3504A 3685B 3067 2161
 CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

PROCESS RAD 34211 3904N 3488 3685B 3067 2161
 MON SYS CKT B

VALVES WILL BE OPERATED MANUALLY AND LOCALLY.

4 KV SWGR 33-1 DC 34213 3904N 3322 3685B 3067 3080
 FEED

480 V SWITCHGEAR 34214 3904N 3322 3685B 3067 3082
 38

480V SWGR 39 DC 34215 3904N 3322 3661 3067 3082
 FEED

TB 125V DC RES 34216 3904N 3322 3685B 3067 2058
 BUS 3

TB 125V DC RES 34217 3904N 3322 3685B 3067 2058
 BUS 3

NOT REQUIRED FOR SAFE SHUTDOWN IN FIRE ZONE. REDUNDANT
 OPPOSITE UNIT D.C. VOLTAGE SOURCE IS USED WHERE REQUIRED.
 REQUIRED PUMPS ARE USED FROM OTHER UNIT WITH SERVICES
 MECHANICALLY CROSS-CONNECTED.

CO2 FIRE PROT. SYS 35014 3905E 2595 2841B 3063 3071

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 71 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS	35015	3905E	2595	2595	3063	3067
CO2 FIRE PROT. SYS	35019	3905E	2595	2841B	3063	3067
CO2 FIRE PROT. SYS	35034	3905E	2595	2841B	3062	2071
CO2 FIRE PROT. SYS	35040	3905J	2595	2841B	3062	3070
CO2 FIRE PROT. SYS	35040	3905J	2595	2841B	3062	3070

NOT REQUIRED FOR SAFE SHUTDOWN.

ISOL. COND. VLV. PD3-1301-17 & 20	36273	3906F	3506	3806N	3084	2161
ISOL. COND. VLV. PD3-1307-17 & 20	36274	3906F	3506	3806N	3084	2161
ISOL. COND. VLV. PD3-1307-17 & 20	36275	3906F	3506	3806N	3084	2161
ISOL. COND. VLV. PD3-1301-17 & 20	36276	3906F	3506	3806N	3084	2161

VALVES FAIL IN SAFE POSITION.

PCIS CKT A	36277	3906F	3506	3695	2161	3078
PCIS CKT A	36279	3906F	3506	3697	3080	2161
PCIS CKT B	36280	3906F	3506	3697	3080	2161
PCIS CKT A	36281	3906F	3506	3697	3080	2161
PCIS CKT B	36283	3906F	3506	3697	3080	2161

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 72 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CKT A INBRD 36342 3906G 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36345 3906G 3504 3695 2161 3077
 CKT B INBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

VALVES WILL BE OPERATED LOCALLY.

PCIS MAIN STEAM 36348 3906G 3504A 3697 2161 3062
 ISOL. CKT B OUTBRD

PCIS MAIN STEAM 36349 3906G 3504A 3819C 3062 2161
 ISOL. CKT A OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36356 3906H 3504 3819C 2161 3077
 MN STM ISOL

MN STM ISOL 36359 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MAIN STEAM 36362 3906H 3504A 3697 2161 3062
 ISOL. CKT A OUTBRD

PCIS MAIN STEAM 36363 3906H 3504A 3697 3062 2161

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 73 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

 ISOL. CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36370 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36373 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MAIN STEAM 36376 3906H 3504A 3819C 2161 3062
 ISOL. CKT A OUTBRD

PCIS MAIN STEAM 36377 3906H 3504A 3697 3062 2161
 ISOL. CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

CKT A INBRD 36384 3906H 3504 3695 2161 3077
 MN STM ISOL

MN STM ISOL 36387 3906H 3504 3695 2161 3077
 CKT B INBRD

VALVES WILL BE OPERATED LOCALLY.

PCIS MAIN STEAM 36390 3906H 3504A 3819C 2161 3062
 ISOL. CKT A OUTBRD

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DRESDEN UNIT 3 FIRE ZONE 8.2.6 02 AUG 82 PAGE NUMBER 74 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

PCIS MAIN STEAM 36391 3906H 3504A 3697 3062 2161
 ISOL. CKT B OUTBRD

ALL PCIS VALVES INSIDE CONTAINMENT WILL BE CONTROLLED
 LOCALLY. ALL PCIS VALVES OUTSIDE CONTAINMENT WILL BE
 CONTROLLED MANUALLY.

FIRE PROTECTION 75144 7503G 2595 3685A 3067A 2056C
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

120/240 ESS DIST 77318 7503C 3811C 3683B 3067 2056
 PNL 903-49

480V AC WILL BE SECURED FROM AN ALTERNATE POWER SOURCE.

DRESDEN UNIT 3 FIRE ZONE 8.2.6A 02 AUG 82 PAGE NUMBER 75 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)
 =====

C02 FIRE PROT. SYS 65144 6503G 2595 2685A 2058A 2056E

ALTERNATE POWER SUPPLY AVAILABLE.

DRESDEN UNIT 3 FIRE ZONE 8.2.6B 02 AUG 82 PAGE NUMBER 76 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 EQUIPMENT NUMBER CABLE DWG DWG DWG DWG NUM DWG NUM REMARKS
 NUM 12E- 12E- 12E- 12E- 12E- (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

ACB 152 3310 & 3323	30616	3901N	3342	3653B	3065	2161	
ACB 152 3310 & 3323	30623	3901N	3342	3653A	3065	2161	CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.
ACB 152 3310 & 3323	30625	3901N	3342	3653A	3065	3065	
ACB 152-3310	30627	3901N	3653F	3653B	3065	3080	
ACB 152-3310	30628	3901N	3653F	3653B	3065	3080	
ACB 152-3310	30629	3901N	3653F	3653B	3065	3080	
ACB 152-3310	30630	3901N	3344	3653B	3065	3080	NOT REQUIRED FOR SAFE SHUTDOWN.
ACB 152-3310	30631	3901N	3344	3653B	3065	2161	CURRENT TRANSFORMERS WILL BE LOCALLY SHORTED.
ACB 152-3310	30632	3901N	3344	3653B	3065	2161	CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.
LPCI SYSTEM I CKT A	30830	3901S	3437	3757C	3065	2160	
LPCI SYS. II CKT A	30840	3901S	3438	3758C	3065	2160	

***** CONTINUED ON NEXT PAGE *****

DRESDEN UNIT 3 FIRE ZONE 8.2.6B 02 AUG 82 PAGE NUMBER 77 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI

EQUIPMENT NUMBER	CABLE NUM	DWG 12E-	DWG 12E-	DWG 12E-	DWG NUM 12E-	DWG NUM 12E-	REMARKS
(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)							
NO DELETERIOUS EFFECTS WILL RESULT FROM FAULTS ON THESE CABLES. POWER TO THESE CABLES IS NOT REQUIRED FOR SAFE SHUTDOWN EXCEPT FOR A FIRE IN FIRE ZONE 1.1.2.5 AS THE LPCI SYSTEM IS NOT USED FOR SAFE SHUTDOWN ELSEWHERE. NO LPCI CABLES PASS THROUGH THIS FIRE ZONE.							
ACB 152-3310	30851	3901T	3344	3653B	3080	3065	CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.
ACB 152-3333	30851	3901T	3344	3655A	3080	3065	POWER TO CIRCUIT BREAKER NOT REQUIRED FOR SAFE SHUTDOWN. NEW BREAKERS ON SWING DIESEL WILL PROTECT DIESEL.
ACB 152 3310 & 3323	38808	3908J	3343	3654B	3065	2160	NOT REQUIRED FOR SAFE SHUTDOWN.
ACB 152 3310 & 3323	38834	3908J	3344	3653B	3065	3072	CIRCUIT BREAKERS WILL BE OPERATED LOCALLY.
FIRE PROTECTION CO2 SYSTEM	75144	7503G	2595	3685A	3067A	2056C	ALTERNATE POWER SUPPLY AVAILABLE.

DRESDEN	UNIT 3	FIRE ZONE 8.2.6C		O2 AUG 82	PAGE NUMBER 78	PART 02 OF 02
ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE						
	TAB	SCHM	WIRING FROM EI	TO EI		
	CABLE DWG	DWG	DWG	DWG NUM	DWG NUM	REMARKS
EQUIPMENT NUMBER	NUM	12E-	12E-	12E-	12E-	(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS 24172 2904M 2595 2841A 2056 3062
ALTERNATE POWER SUPPLY AVAILABLE.

CO2 FIRE PROT. SYS 25020 2905E 2595 2841B 2066 2066

NOT REQUIRED FOR SAFE SHUTDOWN.

DRESDEN UNIT 3 FIRE ZONE 8.2.6-2 02 AUG 82 PAGE NUMBER 79 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

FIRE PROTECTION 24172 2904M 2595 2841A 2056 3062
 CO2 SYSTEM

ALTERNATE POWER SUPPLY AVAILABLE.

CO2 FIRE PROT. SYS 25015 2905E 2595 2595 2062 2066

CO2 FIRE PROT. SYS 25020 2905E 2595 2841B 2066 2066

FIRE PROTECTION 25024 2905E 2595 2841B 3062 2069
 CO2 SYSTEM

CO2 FIRE PROT. SYS 25035 2905E 2595 2595 2069 2065

CO2 FIRE PROT. SYS 25039 2905E 2595 2841B 2065 2065

CO2 FIRE PROT SYS 35034 3905E 2595 2841B 3062 2071

NOT REQUIRED FOR SAFE SHUTDOWN.

DRESDEN UNIT 3 FIRE ZONE 8.2.8 O2 AUG 82 PAGE NUMBER 80 PART 02 OF 02
 ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE
 TAB SCHEM WIRING FROM EI TO EI
 CABLE DWG DWG DWG DWG NUM DWG NUM
 EQUIPMENT NUMBER NUM 12E- 12E- 12E- 12E- 12E- REMARKS
 (NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

C02 FIRE PROT. SYS	25024	2905E	2595	2595	3062	2069
C02 FIRE PROT. SYS	25029	2905E	2595	2841B	2069	2069
C02 FIRE PROT. SYS	25030	2905E	2595	2841B	2069	2069
C02 FIRE PROT. SYS	25035	2905E	2595	2595	2069	2065
C02 FIRE PROT. SYS	25044	2905E	2595	2595	2069	3068
C02 FIRE PROT. SYS	25045	2905E	2595	2841B	3068	3068
C02 FIRE PROT. SYS	35014	3905E	2595	2841B	3063	3071
C02 FIRE PROT. SYS	35034	3905E	2595	2841B	3062	2071
C02 FIRE PROT. SYS	35035	3905J	2595	2841B	2071	2071
C02 FIRE PROT. SYS	35040	3905J	2595	2841B	3062	3070
C02 FIRE PROT. SYS	35040	3905J	2595	2841B	3062	3070

NOT REQUIRED FOR SAFE SHUTDOWN.

DRESDEN		UNIT 3	FIRE ZONE 9.0-2/3	O2 AUG 82	PAGE NUMBER	81	PART 02 OF 02
ASSOCIATED CIRCUITS WITH POTENTIAL TO CAUSE MALFUNCTION OF EQUIPMENT IN THE EVENT OF A FIRE.							
	TAB	SCHM	WIRING FROM EI	TO EI			
	DWG	DWG	DWG	DWG	NUM	DWG NUM	
EQUIPMENT NUMBER	CABLE NUM	12E-	12E-	12E-	12E-	12E-	REMARKS:
							(NOTE: EACH REMARK APPLIES TO LINES PRECEEDING IT.)

CO2 FIRE PROT. SYS 20703 2901Q 2595 2841A 3062 2590

POWER TO VENT FAN WILL BE SUPPLIED FROM OTHER UNIT THROUGH LOCAL/REMOTE SWITCH. CONTACTS IN SWITCH WILL ALSO PREVENT CLOSING OF VENT DAMPER AND AUTO INITIATION OF CO2 FIRE EXTINGUISHING SYSTEM.

***** END OF PART 02 OF 02 *****